OFFICE OF [redacted]LORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-E1134, Docket DMEA-4712 (lead-zinc), dated September 18, 1957, with

American Smelting and Refining Company
120 Broadway
New York 5, New York
and
P. O. Box 1440
Wallace, Idaho

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the East Page Project, Page Mine located in Shoshone County, Idaho, during the period September 18, 1957, through December 6, 1961.

In accordance with the Termination Agreement, Article 3, and Annex II of the contract, royalty is payable on all minerals produced from the land described in Annex I of the contract, as amended, or transported through any workings to the cost of which the Government contributed, for a period of 20 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated June 19, 1961, indicated accepted costs under the exploration contract amounting to $308,112.50 with the Government's contribution on a 50 percent basis being $154,056.25.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established no sales subject to the Government's royalty for the period. Accordingly, as of December 6, 1961, the royalty account of this project was found to be:

Total Royalty Payable	$ -0-
Total Royalty Paid	-0-
Balance of Royalty Due	$ -0-

E. D. Talbert, OME Auditor

June 4, 1962

Idm-E1134 American Smelting and Refining Company DMEA-4712

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

A May 19, 1961, Termination Agreement on this contract provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on (1) all minerals produced from the land under the contract, (2) any of its production, regardless of where produced, transported through workings to the cost of which the Government contributed, and (3) charges received by the Operator for transportation through such workings of production in which neither it nor any subsidiary or affiliate has any interest. The land under the contract consists of the whole of 35 and a part of 2 patented claims, all in T. 48 N., R. 2 E., Boise Meridian, Coeur d'Alene Mining District (Yreka subdistrict), but specifically excluding the Tony Vein west of mine coordinate line 11,000 E and the Curlew Vein over elevation 1370 feet above sea level (Page 1800 level).

At the time the contract was executed the Operator was in possession by virtue of ownership of 10 of the claims and lease of 11 from Blackhawk Mining & Development Co., Ltd., 11 from Wyoming Mining & Milling Company, Ltd., and 5 from Government Gulch Mining Company. As the Operator owned 99%, 96%, and 73%, respectively, of the stock of these lessors, the usual requirement of Consents to Lien and Subordination Agreements was waived.

Exploration work under the contract was terminated effective March 1, 1961. No ores were produced during the exploration work.

In letters dated November 20 and December 6, 1961, the Operator advised that it had canceled the leases with the Wyoming Mining & Milling Company, Ltd., and the Government Gulch Mining Company, and was terminating its agreement with the Blackhawk Mining & Development Co., Ltd. Advice also was furnished that the Government Gulch Mining Company was negotiating with The Bunker Hill Company for exploration of its property from the Bunker Hill Mine.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) The files indicate that, during the period covered by this review, no minerals were produced from the property under the contract or transported through workings to the cost of which the Government contributed; and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible royalty which might be disclosed.

NOV 2 8 1968

Northwestern Mining Department
American Smelting and Refining Company
P. O. Box 1440
Wallace, Idaho

Re: DMEA-4712 (Lead-Zinc)
American Smelting and Refining Co.
Page Mine
Shoshone County, Idaho
Contract Idm-51134

Gentlemen:

Your November 20 letter addressed to our Region I office in regard to the royalty obligation under the referenced contract has been referred to this office for reply.

The May 19, 1961, Termination Agreement under this contract specifically provides that:

> "The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer (for example, if the Operator either transfers or fails to retain its interest in the land), shall pay to the Government the royalty on production provided for in the Contract in the same manner and amount, for the same period, and subject to the same conditions provided for in the Contract, as amended, including the special 'Agreement Concerning Royalty' added as Article 15(h) by Annex II of the Contract, as if certification of discovery or development had been made, such certification being hereby waived by the Operator".

The Government accordingly must look to your company, <u>as principal or surety</u>, for the payment of the percentage royalty on <u>all</u> production from <u>all</u> property under the contract, as amended, and all production transported through the workings to which the Government contributed. The Government has no contractual arrangement of any kind with your lessors. In fact, the normally required Consents to Lien and Subordination Agreements of the lessors were waived by Article 2(c) of the contract in consideration of your controlling ownership of the stock of the three lessors involved.

The royalty obligation remains equally on all ore, regardless of how discovered or mined, produced from the property until the Government's contribution of $154,056.25 is repaid or until twenty years from the date of the contract, whichever occurs first. This obligation is not divisible among the property owners. Furthermore, the royalty is payable currently upon each lot sold, held, or used in integrated operations.

Sincerely yours,

George Fumich, Jr.

Director

EDTalbert/ama 11-27-61

cc:
Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region I (2)

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

American Smelting and Refining Company
120 Broadway, New York 5, N. Y.
and
Box 440, Wallace, Idaho

pertaining to Exploration Project Contract Idm-31134, OMEA No. 4712, including Amendments Nos. 1, 2, 3, 4, and 5, for October 1957 to February 1961, inclusive, covering a lead-zinc project at the Page Mine, Shoshone County, Idaho.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents, comparison of the claimed costs with the contract and pertinent schedules, confirmation of work performed by reference to Field Team reports and correspondence, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the reasons given in the attached schedule.

The findings of this review are stated in the following summary and the attached schedule:

Total costs claimed by Operator		$307,849.85
Exceptions:		
Prior to this review	$ -0-	
Herewith	-0-	-0-
Acceptable costs claimed by Operator		$307,849.85
Acceptable costs not claimed		262.65
Total acceptable costs, if claimed		$308,112.50

The contract calls for a 50 percent contribution of the allowable costs by the Government. Therefore, if the project is otherwise accepted as having met the terms of the contract, payments as follows are valid and proper:

Payable on audited claim	$153,924.92
Paid to date	153,924.92
Balance due Operator on cost claimed	$ -0-
Additional payable, if claimed	$ 131.33

Pd 8/3/61

June 19, 1961

E. D. Talbert, OME Auditor

Reasons for Report of Review in lieu of a final audit:

(a) a major portion ($257,071.40) of the acceptable costs was under a contract provision for contribution by the Government on the basis of fixed unit costs for work performed;
(b) the Monthly Reports were supported by documentary evidence of the balance ($51,041.10) of the acceptable costs which covered work performed at unit rates under independent contract;
(c) acceptable costs of $165,810.46 were covered by an Interim Audit Report and Certificate dated July 10, 1959; and
(d) the administrative cost to the Government of an additional audit would be excessive in relation to the estimated amount of possible exceptions.

Acceptable costs, not claimed:

The Operator claimed $50,778.45, or an average of $6.566/ft., for 7,733.5 feet of AX or larger drilling, whereas the actual costs were $53,362.94, or an average of $6.90/ft., and the allowable costs at the contractual maximum average unit cost of $6.60/ft. amount to $51,041.10; difference, acceptable if claimed ..... $ 262.65

Total acceptable cost, if claimed:

Category (1) Independent Contracts -

Hole 1 (823N)	755 ft.	
" 2 (800S)	927	
" 3 (767N)	1,145	
" 4 (751S)	1,086	
" 5 (650S)	1,000	
" 6 (662N)	1,057	
" 7 (607N)	1,010	
" 8 (600S)	753.5	
	7,733.5 ft. @ $6.60/ft.	$ 51,041.10*

Fixed Unit Costs -

Incidental allowance, 7,733.5 ft. @ $.40	3,093.40
Core boxes, 290 ea. @ $3.40	986.00
Assay determinations, 1,400 ea. @ $1.00	1,400.00

Total acceptable cost, if claimed: (Continued)

Fixed Unit Costs - (Continued)

Drifting and crosscutting,		
East Page drift	4,543.9 ft.	
714 XCM	234.7	
706 XCS	31.5	
	4,810.1 @ $40.00	$192,404.00
Drill stations (8), 200 ft. @ $35.00		7,000.00
Timbering, 3,950 ft. @ $10.50		41,475.00
Rock bolting, 1,158 bolts @ $3.50		4,053.00
Car aidings, 14,800 cu. ft. @ $.45		6,660.00
		$308,112.50

* Actual costs invoiced by drilling contractors:

Boyles Bros. Drilling Company -

Drilling, NX	299 ft.	@ $5.20		$ 1,554.80
"	251 "	5.60		1,405.60
BX	250 "	4.90		1,225.00
"	250 "	5.30		1,325.00
"	121 "	5.40		653.40
"	378 "	5.70		2,154.60
"	81 "	6.20		502.20
AX	101 "	5.80		585.80
	1,731 "			9,406.40
Reaming, 338 ft. @ $2.60				878.80
Casing, 2 lengths @ $20.70				41.40
Adapter, 1 each				10.25
Cement time, 76 hrs. @ $9.60				729.60
Survey time, 14 hrs. @ $8.60				120.40
Delay time, 2 hrs. @ $7.30				14.60
Drill mud, 3 bags @ $4.60				13.80
Cement, 2 bags @ $6.60				13.20
				$ 11,228.45

Nichols & Thompson Core Drilling Co., Inc. -

Drilling, NC/NX	2,491 ft.	@ $5.74	$ 14,298.34
NX	314 "	@ 6.50	2,041.00
"	591 "	@ 7.25	4,284.75
"	216 "	@ 8.00	1,728.00
BX	460 "	@ 5.74	2,640.40
"	1,635 "	@ 6.50	10,614.50
"	498 "	@ 8.00	3,984.00**
	6,205 "		39,590.99

* Actual costs invoiced by drilling contractors: (Continued)

Nichols & Thompson Core Drilling Co., Inc. - (Continued)	
Reaming, 490 ft. @ $2.65	$ 1,298.50
Casing, 3,570 ft. @ $.50	1,785.00
Cement time, 13 hrs. @ $8.00	104.00
Survey time, 39 hrs. @ $8.00	312.00
Delay time, 5½ hrs. @ $8.00	44.00
Moving	600.00
	$ 43,734.49
Total invoiced costs	$ 54,962.94

** Includes $1,600.00 for 200 feet (1,000' - 1,200' depth in hole 3) drilled beyond subordinated property line and, therefore, not acceptable under or applicable to the exploration project contract.

CAAA Div. OME

EXTRA COPY
O. M. E.
RECEIVED JUL 14 1961

DATE	INITIALS	CODE
		800

No. 157 Howard Street
Spokane 4, Washington
July 12, 1961

Mr. J. C. Kieffer, Manager
Northwestern Mining Department
American Smelting and Refining Co.
Wallace, Idaho

Re: DMEA-4712 (Lead-Zinc)
East Page Mine
Shoshone County, Idaho
Contract Ida-5113

Dear Mr. Kieffer:

There is enclosed for your information and files a Report of Review in lieu of a final audit of the referenced project.

Payment of the unclaimed balance of $131.33 is payable only upon receipt of an appropriate claim made in accordance with the enclosed Report of Review. This claim should be made within 180 days of the date of the report.

Sincerely yours,

D. E. Maulsrum
Acting Field Officer, OME
Region I

Enclosure
MLSmelser:mls
cc: Fiscal Section, Div. of Admin. Services
Office of the Secretary
CAAA Div., OME
OME
Reading copies to: Nelson, Hobbs, Guild

MAY 24 1961

Mr. W. J. Murphy, Chief Accountant
Northwestern Mining Department
American Smelting and Refining Company
P. O. Box 440
Wallace, Idaho

Re: Docket DMEA-4712 (lead-zinc)
East Page Mine
Shoshone County, Idaho
Contract E 1134

Dear Mr. Murphy:

As a necessary adjunct to the termination of the referenced contract this Division is in the process of making an audit review of the operations and claims thereunder. With one exception the files appear to be adequate for our purpose.

The exception is the documentation to support the aggregate amount of $10,057.20 claimed during the months of January through May 1959 for 1,551 feet of diamond drilling in holes 1 and 2 (DDH30-823W and 8008). It is understood that this drilling was performed by Boyles Bros. Drilling Company. Copies of the pertinent invoices are missing from our files, possibly having been misplaced during or incident to the centralization of the DMEA accounting records last year.

Your submission of copies of such invoices to this Division will facilitate our audit review and will be sincerely appreciated.

Yours truly,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration & Audit Division

EDTalbert/cac
May 24, 1961

CC to: Director's Reading File
CA & A Division
Acting Field Officer, Region I (2)

Form MF-104 (Rev.)
(April 1952)

RECEIVED
JUL 18 1961
U. S. G. S.
SPOKANE, WASH.

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Final Report, 195 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	262.65	50,778.45	51,041.10			
~~Bulldozing~~ D.D.Stations		7,000.00	7,000.00			
Crosscutting }		192,404.00	192,404.00			
Drifting }						
D.D. Incidentals		3,093.40	3,093.40			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber ing		41,475.00	41,475.00			
Explosives						
Pipe						
~~Track~~ Car Sidings		6,660.00	6,660.00			
Rock Bolting		4,053.00	4,053.00			
Core Boxes		986.00	986.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		1,400.00	1,400.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	262.65	307,849.85	308,112.50			

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 4 1961
DATE | INITIALS

I certify that the above bill is correct and just and that payment therefor has not been received.
Date July 14, 1961 Payee American Smelting and Refining Co.
Per J. C. Kinsor Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 131.33
See report of review
Signature Elsie 6/29/61 OAS
(Authorized Certifying Officer)
Date 8/3/61 Vou. No. 644
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Ala. E 1134 in accordance with the terms of the contract.

Signature D.R. Macharen Title Acting Field Officer, Reg. I Date JUL 31 1961

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature D.R. Macharen Title Acting Field Officer, Reg. I Date JUL 31 1961

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

AUG 2 1961

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
JUL 18 1961
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Final Report 195____ Docket No. DMEA 4712 Contract No. DMA-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot			192,404.00	4810.1	40.00	12,485	40.00
~~Crosscutting~~ Timbering	"			41,475.00	3950	10.50	3,950	10.50
~~Raisings~~ Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
~~Shafts~~ Car Sidings	Foot			6,660.00	14,800	.45	14,800	.45
~~Winzes~~ D.D.Stations	"			7,000.00	200	35.00	300	35.00
Drilling: Core AX or Lar.	"	262.65	--	51,041.10	7733.5	6.60)		6.60
~~Churn~~ EX	"					)	11,855	6.10
~~Augers~~ Incid.	"			3,093.40	7733.5	.40)		.40
~~Stripping~~ Core Boxes	Each			986.00	290	3.40		3.40
~~Trenching~~ Assaying	Det.			1,400.00	1400	1.00		1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		262.65		308,112.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		262.65		308,112.50				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date July 14, 1961 Operator American Smelting and Refining Company

Per J. L. Hixson Title Manager

REMARKS: Claiming costs allowable by Report of Review dated June 19, 1961

OFFICIAL FILE COPY
O. M. E
RECEIVED AUG 4 1961

DATE	INITIALS	CODE

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

D. B. Mackenzie
Acting Field Officer, Reg. I
JUL 31 1961

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

July 17, 1961

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 4 1961

DATE	INITIALS	CODE
8-4	gad	vwo 800

Mr. D. R. MacLaren
Acting Field Officer, OME
Region I
U. S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Re: DMEA-4712 (Lead-Zinc)
East Page Mine
Shoshone County, Idaho
Contract Idm-E1134

Dear Mr. MacLaren:

Enclosed are the signed original and four signed copies of each of the following:

1. Operator's Unit Cost and Progress Report, Final Report.

2. Operator's Monthly Report and Voucher, Final Report.

Yours very truly,

ORIGINAL SIGNED
J. C. KIEFFER

JCK:GM
Encs. (5 sets)

cc: DJPope w/enc.
SNKesten - w/enc.
THTower - w/enc.
WJMurphy - w/o enc.

RECEIVED
JUL 18 1961
U. S. G. S.
SPOKANE, WASH.

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

April 18, 1961

EXTRA COPY
O. M. E
RECEIVED APR 4
DATE INIT.
800

Office of Minerals Exploration
c/o United States Geological Survey
South 157 Howard Street
Spokane, Washington

Dear Sirs:

Concerning Docket No. DMEA-4712, Contract No. Idm-E 1134, there was no progress in the East Page project during the month of March.

Yours very truly,

ORIGINAL SIGNED
J. C. KIEFFER

cc: OME (4)
DJPope
SNKesten
TMTower
WJMurphy

RECEIVED
APR 20 1961
U S G. S.
SPOKANE, WASH.

Form MF-104 (Rev.) (April 1952)

RECEIVED MAR 20 1961 U.S. DIST. COURT WALLACE

Sch. 1326

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1961 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and Zinc

Address Box 440, Wallace, Idaho

Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	4,973.10	45,805.35	50,778.45			
~~Bulldozing~~ D.D. Stations		7,000.00	7,000.00			
Crosscutting	4,560.00	187,844.00	192,404.00			
Drifting						
D.D. Incidentals	301.40	2,792.00	3,093.40			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering		41,475.00	41,475.00			
Explosives						
Pipe						
~~Track~~ Car Sidings		6,660.00	6,660.00			
Rock Bolting		4,053.00	4,053.00			
Core Boxes		986.00	986.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	6.00	1,394.00	1,400.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	9,840.50	298,009.35	307,849.85	9840.50	298,009.35	307,849.85

I certify that the above bill is correct and just and that payment therefor has not been received.

Date March 17, 1961 *Payee American Smelting and Refining Co.

Per J. C. Kiesar Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4920.25

Signature (Authorized Certifying Officer)

Date 3/27/61 Vou. No. 3818

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature Donald R. Macharen Title Acting Field Officer, Region I Date 3/22/61

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Donald R. Macharen Title Acting Field Officer, Region I Date 3/22/61

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
MAR 20 1961
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1961 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	4,560.00	114.0	192,404.00	4810.1	40.00	12,485	40.00
~~Crosscutting~~ Timbering	"			41,475.00	3950	10.50	3,950	10.50
~~Raising~~ Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
~~Shafts~~ Car Sidings	Foot			6,660.00	14,800	.45	14,800	.45
~~Winzes~~ D.D. Stations	"			7,000.00	200	35.00	300	35.00
Drilling: Core AX or lar.	"	4,973.10	753.5	50,778.45	7733.5		)	6.60
~~Churn~~ EX	"						)11,855	6.40
~~Auger~~ Incid.	"	301.40	753.5	3,093.40	7733.5	.40)		.40
~~Stripping~~ Core Boxes	Each			986.00	290	3.40	290	3.40
~~Trenching~~ Assaying	Det.	6.00	6	1,400.00	1400	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		9,840.50		307,849.85				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		9,840.50		307,849.85				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date March 16, 1961 Operator American Smelting and Refining Company

Per J. C. Kieser Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

Donald R. Macharen
Acting Field Officer, Region I
3/22/61

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Diamond Drilling Contractors

NICHOLS & THOMPSON
CORE DRILLING CO., Inc.

PHONE 4-2575
111 E. 39TH ST. BOISE, IDAHO P. O. BOX 2057

FOR CUSTOMER'S USE ONLY	
REGISTER NO	VOUCHER NO
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: March 1, 1961
INVOICE NUMBER: Page 61 - 2
CONTRACT: American Smelting & Refining Co.
TERMS: Net
LOCATION:

HOLE NO	FROM	TO	FOOTAGE	RATE	TOTAL
Hole # 600	NX 372 to 500		128'	5.74	$ 734.72
	NX 500 to 739		239'	7.25	1,732.75
	BX 739 to 753½	14.5	15'	6.50	97.50
	Surveys		6 hr.	8.00	48.00
					$ 2,612.97

APPROVED BY
AMERICAN SMELTING & REFINING CO.

BY: _____

APPROVED BY
NICHOLS & THOMPSON CORE DRILLING CO., INC.

BY: _____
Frank P. Fuss, Office Manager

Diamond Drilling Contractors

NICHOLS & THOMPSON CORE DRILLING CO., Inc.

PHONE 4-2578

111 E. 38TH ST. BOISE, IDAHO P. O. BOX 2057

FOR CUSTOMER'S USE ONLY	
REGISTER NO	VOUCHER NO
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: February 2, 1961
INVOICE NUMBER: Page 61-1
CONTRACT: American Smelting & Refining Co.
TERMS: Net
LOCATION: Page Mine

HOLE NO.	FROM	TO			FOOTAGE		RATE	TOTAL
Hole # 600 (Formerly No. 8)	Move In							$ 300.00
	Ream	156	to	164	8'	@	2.65	21.20
	NC	164	to	209	45'	@	5.74	258.30
	NX	209	to	372	163'	@	5.74	935.62
	Ream	209	to	265	56'	@	2.65	148.40
	Cased	0	to	109	109'	@	.90	104.50
								$ 1,768.02

APPROVED BY
AMERICAN SMELTING & REFINING CO.

BY: _____

APPROVED BY
NICHOLS & THOMPSON CORE DRILLING CO., INC.

BY: _____
FRANK P. FUSS, OFFICE MANAGER

Diamond Drilling Contractors

NICHOLS & THOMPSON
CORE DRILLING CO., Inc.

PHONE 4-1464
505 SO AMERICANA BOISE, IDAHO P. O BOX 2057

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: June 3, 1960
INVOICE NUMBER: A.S. & R. -P-20
CONTRACT: American Smelting & Refining Co.
TERMS: Net
LOCATION: Page Mine

HOLE NO	FROM	TO	FOOTAGE	RATE	TOTAL
Hole # 8	NC 0	97	97	5.74	556.78
	NX 97	164	67	5.74	384.58
	Reaming 97'	156	59	2.65	156.35
					$ 1,097.71

APPROVED BY

AMERICAN SMELTING & REFINING CO.

BY: _____

APPROVED BY

NICHOLS & THOMPSON CORE DRILLING CO., INC.

BY: _____
FRANK P. FUSS, OFFICE MANAGER

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

March 15, 1961

Office of Minerals Exploration
c/o United States Geological Survey
South 157 Howard Street
Spokane, Washington

Dear Sirs:

Concerning Docket No. DMEA-4712, Contract No. Ida-E 1134, please find attached the geologists' report on advance in February 1961 and the accountants' report on the month's costs.

Yours very truly,

ORIGINAL SIGNED
J. C. KIEFFER

Enclosures
cc: OME (4) - with enclosures.
DJPope - with enclosures.
SMKesten - with enclosures.
TMTower - with enclosures.
WJMurphy - with geologists' report only.

RECEIVED
MAR 20 1961
U S G S
SPOKANE, WASH.

Wallace, Idaho
March 15, 1961

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT -- FEBRUARY 1961

Advance for February in the 3070 - East Page Drive was 114.0 feet for a total under the OME contract of 4,543.9 feet. In this advance, the rock is predominantly purple to green-grey argillite with some quartzite, and strikes S. 80° to 85° E. and dips steeply north or south. The rock continues to be extremely heavy throughout the advance. Caving ground on the south side of the drive has partly exposed a strong fault which dips moderately to the south and appears to parallel the heading. This fault is probably the cause of the present heavy ground and may be a footwall branch of the Dodo fault.

In DDH 30-600S advance was 371.5 feet to a completed depth of 753.5 feet. The total drilling in the project is now 7,933.5 feet. The rocks cut in this advance are dark-grey to purple argillites and argillaceous quartzites to 680.0 feet and light greenish-grey quartzite from this point to the end of the hole. Significant faulting and brecciation occurs between footages 645.0 and 651.5.

The geology of the advance in the 3070 - East Page Drive and in DDH 30-600S is shown on Plate 1. Core logs for the footage drilled are attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, geology of advance - - - 1" = 50'

Core logs -- DDH 30-600S, 400' to 753.5'

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MAR 20 1961
U.S.G.S.
SPOKANE, WASH.

Sch. 1167

Form MF-104 (Rev.)
(April 1952)

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FEB 16 1961
U.S. G.
SPOKANE, WASH.

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1961 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50% Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		45,805.35	45,805.35			
~~Bulldozing~~ D.D. Stations		7,000.00	7,000.00			
Crosscutting	2,920.00	184,924.00	187,844.00			
Drifting						
D.D. Incidentals		2,792.00	2,792.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	201.60	41,273.40	41,475.00			
Explosives						
Pipe						
~~Track~~ Car Sidings		6,660.00	6,660.00			
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Core Boxes		986.00	986.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		1,394.00	1,394.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3,121.60	294,887.75	298,009.35	3121.60	294,887.75	298,009.35

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Feb. 8, 1961 *Payee American Smelting and Refining Co.

Per J. C. Kinsor Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1560 80

Signature (Authorized Certifying Officer)

Date 2/23/61 Vou. No. 3411

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. ..... in accordance with the terms of the contract.

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

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Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

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Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
FEB 16 1961
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1961 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	2,920.00	73.0	187,844.00	4696.1	40.00	12,485	40.00
~~Crosscutting~~ Timbering	"	201.60	19.2	41,475.00	3950.0	10.50	3,950	10.50
~~Raising~~ Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
~~Shafts~~ Car Sidings	Foot			6,660.00	14,800	.45	14,800	.45
~~Winzes~~ D.D. Stations	"			7,000.00	200	35.00	300	35.00
Drilling: Core AX or lar.	"			45,805.35	6980	)		6.60
~~Churn~~ EX	"					)	11,855	6.40
~~Auger~~ Incid.	"			2,792.00	6980	.40)		.40
~~Stripping~~ Core Boxes	Each			986.00	290	3.40	290	3.40
~~Trenching~~ Assaying	Det.			1,394.00	1394	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3,121.60		298,009.35				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3,121.60		298,009.35				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Feb. 8, 1961 Operator American Smelting and Refining Company

Per D. C. Kinsler Title Manager

REMARKS:

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

OFFICIAL FILE COPY
O. M. E
RECEIVED FEB 23 1961

DATE	INIT.	CODE
2/23	gad	VVO 800

February 15, 1961

Office of Minerals Exploration
c/o United States Geological Survey
South 157 Howard Street
Spokane, Washington

Dear Sirs:

Concerning Docket No. DMEA-4712, Contract No. Idm-E 1134, please find attached the geologists' report on advance in January 1961 and the accountants' report on the month's costs.

Yours very truly,

ORIGINAL SIGNED
J. C. KIEFFER

Enclosures
cc: OME (4) - with enclosures.
DJPope - with enclosures.
SNKesten - with enclosures.
TMTower - with enclosures.
WJMurphy - with geologists' report only.

RECEIVED
FEB 16 1961
U. S. G. S.
SPOKANE, WASH.

Wallace, Idaho
February 15, 1961

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT -- JANUARY 1961

Advance for January in the 3070 - East Page Drive was 73.0 feet for a total under the OME contract of 4,429.3 feet. In this advance, the rock is predominantly purple to green-grey argillite with some interbedded quartzite, and continues to strike S. 80° to 85° E. and dip steeply north or south. Numerous faults, chloritic bedding plane partings and closely spaced fracturing make heavy ground throughout the advance. A small amount of crystal-like pyrite occurs within particular beds, however no significant sulphide mineralization is exposed. The advance was in heavy ground caused by the proximity of the fault mentioned in the report for May 1960, which has been named the Dodo fault.

In DDH 30-600S, advance was 218.0 feet to a depth of 382.0 feet. The total drilling in the project is now 7,562.0 feet, of which 7,362.0 feet were drilled under the OME contract. The rocks in the hole are purple to grey-green quartzite and argillaceous quartzite, with local sections of purple to green argillite. The Exile fault zone was cut from footage 229.0 to 242.0 and consists of about 9 feet of moderate faulting and brecciation and a 4-foot gouge and shear zone.

The geology of the advance in both the 3070 - East Page Drive and the drill hole is shown on Plate 1. Core logs for the footage drilled are attached.

Respectfully submitted,

SNK

S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, geology of advance - - - 1" = 50'

Core Logs -- DDH 30-600S - - - 120' to 400'

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FEB 16 1961
U. S. G. S.
SPOKANE, WASH.

Form MF-104 (Rev.)
(April 1952)

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JUN 15 1960
U. S. G. S.
SPOKANE, WASH.

Budget Bureau No. 42-R1036.5

Exp. 1973

JUN 23 1960
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1960 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	6,666.00	39,139.35	45,805.35			
~~Bandoning~~ D. D. Stations		7,000.00	7,000.00			
Crosscutting	5,080.00	179,844.00	184,924.00			
Drifting						
D.D. Incidentals	404.00	2,388.00	2,792.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	1,333.50	39,939.90	41,273.40			
Explosives						
Pipe						
~~Track~~ Car Sidings		6,660.00	6,660.00			
Rock Bolting		4,053.00	4,053.00			
Core Boxes	34.00	952.00	986.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	141.00	1,253.00	1,394.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	13,658.50	281,229.25	294,887.75	13,658.50	281,229.25	294,887.75

I certify that the above bill is correct and just and that payment therefor has not been received.
Date June 7, 1960 *Payee American Smelting and Refining Co.
Per J. C. Kieser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 6829.25

Signature Oa
(Authorized Certifying Officer)
Date 6/24/60 Vou. No. 5381
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. ..... in accordance with the terms of the contract.

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
JUN 15 1960
U. S. G. S.
SPOKANE

JUN 27 1960
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1960 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	5,080.00	127.0	184,924.00	4623.1	40.00	12,485	40.00
Timbering	"	1,333.50	127.0	41,273.40	3930.8	10.50	3,950	10.50
Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
Car Sidings	Foot			6,660.00	14,800	.45	14,800	.45
D.D.Stations	"			7,000.00	200	35.00	300	35.00
Drilling: Core AX or lar.	"	6,666.00	1010	45,805.35	6,980	)		6.60
EX	"					)	11,855	6.40
Incid.	"	404.00	1010	2,792.00	6,980	.40)		.40
Core Boxes	Each	34.00	10	986.00	290	3.40	290	3.40
Assaying	Det.	141.00	141	1,394.00	1,394	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		13,658.50		294,887.75				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		13,658.50		294,887.75				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date June 10, 1960 Operator American Smelting and Refining Company

Per J. C. Kiesser Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

June 10, 1960

JUN 23 1960
O.M.E.

Office of Minerals Exploration
c/o United States Geological Survey
South 157 Howard Street
Spokane, Washington

Attention: Mr. A. E. Weissenborn

Dear Sirs:

Concerning Docket No. DMEA-4712, Contract No. Idm-E 1134, please find the geologists' report on advance in May 1960 and the accountants' report on the month's costs.

Yours very truly,

ORIGINAL SIGNED
J. C. KIEFFER

Enclosures
cc: OME (4) - w/enclosures.
DJPope - "
SNKesten - "
TMTower - "
WJMurphy - w/reports only.

RECEIVED
JUN 15 1960
U. S. G. S.
SPOKANE

Wallace, Idaho
June 6, 1960

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT - - MAY 1960

Advance for May in the East Page Drive was 127.0 feet for a total under the OME contract of 4,356.9 feet. In this advance, the rock is interbedded light-grey to purplish quartzite and dark-purple argillite and argillaceous quartzite which strike S. 80° E. and dip steeply north or south. A strong undulating fault zone is exposed near the present face. The footwall branch of this zone strikes about N. 80° W. and dips 27° to 35° south. The stronger hanging wall branch strikes N. 45° W., dips 24° to 28° SW. and correlates with the faulting and brecciation encountered in DDH 30-607N from footage 326.0 to 353.0. The bedding attitudes are relatively undisturbed through the faulted area. No mineralization is exposed.

In DDH 30-607N, advance was 263.0 feet to completion at 1,010.0 feet. The rock is predominantly purple to grey-green argillite and argillaceous quartzite which is bleached and calcareous. A dark-green to black basic dike occurs from footage 855.0 to 863.8. Significant faulting and brecciation was penetrated from 942.0 feet to the end of the hole. This is probably the hanging wall part of the Osburn fault zone.

DDH 30-600S was collared and drilled at approximate coordinate 14,000 E to a depth of 164.0 feet. The rock is interbedded light-grey quartzite and purple argillite and argillaceous quartzite which locally are bleached and calcareous. Relatively weak faulting occurring from footage 123.0 to 164.3 is probably related to the Exile fault which lies a short distance south of the face of the hole.

Total diamond drilling under the OME contract is 7,344.0 feet.

Plate 1 is a plan showing the geology of the advance in DDH 30-607N and Plate 2 is a plan showing geology of the advance in DDH 30-600S and in the East Page Drive. Core logs for the footages drilled are also attached.

Respectfully submitted,
Original Signed by
S. N. KESTEN
S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, geology of advance - DDH 30-607N - - - 1" = 50'

Plate 2 - Plan, geology of advance
East Page Drive and DDH 30-600S - - - 1" = 50'

Core logs: DDH 30-607N - 750' to 1,010'
DDH 30-600S - 0' to 164'

RECEIVED
JUN 15 1960
U. S. B. M.
SPOKANE

Form MF-104 (Rev.)
(April 1952)

RECEIVED
MAY 17 1960
U. S. G. S.
WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

MAY 23 1960

800

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1960 Docket No. DMEA 4712 Contract No. DM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	6,892.95	32,246.40	39,139.35			
~~Bulldozing~~ D.D. Stations		7,000.00	7,000.00			
Crosscutting	7,740.00	172,104.00	179,844.00			
Drifting						
D. D. Incidentals	422.80	1,965.20	2,388.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	2,031.75	37,908.15	39,939.90			
Explosives						
Pipe						
~~Track~~ Car Sidings	75.60	6,584.40	6,660.00			
Rock Bolting		4,053.00	4,053.00			
Core Boxes	108.80	843.20	952.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	234.00	1,019.00	1,253.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	17,505.90	263,723.35	281,229.25	17,505.90	263,723.35	281,229.25

I certify that the above bill is correct and just and that payment therefor has not been received.

Date May 10, 1960 *Payee American Smelting and Refining Co.

Per J. L. Kinsey Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 8,752.95

Signature (Authorized Certifying Officer)

Date 5/20/60 Vou. No. 4765

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. ..... in accordance with the terms of the contract.

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR.

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
MAY 17 1960
U.S.G.S. SPOKANE WASH

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1960 Docket No. DMEA 4712 Contract No. DMA-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~ Crosscutting	Foot	7,740.00	193.5	179,844.00	4496.1	40.00	12,485	40.00
~~Crosscutting~~ Timbering	"	2,031.75	193.5	39,939.90	3803.8	10.50	3,950	10.50
~~Raising~~ Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
~~Shafting~~ Car Sidings	Foot	75.60	168	6,660.00	14,800	.45	14,800	.45
~~Winzes~~ D. D. Stations	"			7,000.00	200	35.00	300	35.00
Drilling: Core AX or Lar.	"	6,892.95	1057	39,139.35	5970	6.56		6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.		422.80	1057	2,388.00	5970	.40		.40
~~Stripping~~ Core Boxes	Each	108.80	32	952.00	280	3.40	290	3.40
~~Trenching~~ Assaying	Det.	234.00	234	1,253.00	1253	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		17,505.90		281,229.25				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		17,505.90		281,229.25				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date May 10, 1960 Operator American Smelting and Refining Company

Per J. C. Kinsser Title Manager

REMARKS:

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

MAY 23 1960
O.M.E.

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

May 16, 1960

Office of Minerals Exploration
c/o United States Geological Survey
South 157 Howard Street
Spokane, Washington

Attention: Mr. A. E. Weissenborn

Dear Sirs:

Concerning Docket No. DMEA-4712, Contract No. Idm-E 1134, please find the geologists' report on advance in April 1960 and the accountants' report on the month's costs.

Yours very truly,

J. C. Kieffer

Enclosures
cc: OME (4) - w/enclosures.
DJPope - "
SNKesten - "
TMTower - "
WJMurphy - w/reports only.

MAY 23 1960
O.M.E.

RECEIVED
MAY 17 1960

MAY 23 1960
O.M.E.

Wallace, Idaho
May 16, 1960

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE DRIVE
PROGRESS REPORT - - APRIL 1960

Advance for April in the East Page Drive was 193.5 feet for a total under the OME contract of 4,229.9 feet. In this advance, the rock is predominantly grey-green to purple argillaceous quartzite with interbedded quartzite and argillite. The bedding and numerous chloritic bedding plane faults continue to parallel the drive and dip steeply north or south. A significant fault is exposed striking N. 20° E. and dipping 46° to 47° W. No mineralization is exposed.

In DDH 30-662N, advance was 190.0 feet to 1,057.0 feet, where the hole was stopped. The rock is predominantly grey to light-green argillite and argillaceous quartzite which is bleached and calcareous. A black fine-grained basic dike was cut from footage 977.0 to 990.0. Very poor core recovery from footage 952.5 to the end of the hole may indicate the nearness of the Osburn fault.

DDH 30-607N was collared and drilled at approximate coordinate 13,925 E to a depth of 747.0 feet and is continuing. The hole penetrated predominantly purple to grey-green argillite with interbedded quartzite and intermediate rocks. Locally the rock is bleached and calcareous. A zone of strong faulting and brecciation was encountered from footage 326.0 to 353.0.

Total diamond drilling under the OME contract is 6,917 feet.

Plate 1 is a plan showing geology of the advance in DDH 30-662N, and Plate 2 is a plan of the geology of the advance in the East Page Drive and in DDH 30-607N. Core logs for the footages drilled are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN
S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, geology of advance in DDH 30-662N - - - - 1" = 50'

Plate 2 - Plan, geology of advance
in East Page Drive and in DDH 30-607N - - - - 1" = 50'

Core Logs: DDH 30-662N - 890' to 1,057'
DDH 30-607N - 0' to 750'

RECEIVED
MAY 17 1960

Form MF-104 (Rev.)
(April 1952)

RECEIVED
APR 20 1960
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

MAY 5 1960

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1960 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		32,246.40	32,246.40			
~~Bonding~~ D.D.Stations	1,750.00	5,250.00	7,000.00			
Crosscutting }	3,892.00	168,212.00	172,104.00			
Drifting }						
D.D.Incidentals		1,965.20	1,965.20			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber ing	1,021.65	36,886.50	37,908.15			
Explosives						
Pipe						
~~Track~~ Car Sidings	213.75	6,370.65	6,584.40			
Rock Bolting		4,053.00	4,053.00			
Core Boxes	61.20	782.00	843.20			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	234.00	785.00	1,019.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	7,172.60	256,550.75	263,723.35	7172.60	256,550.75	263,723.35

I certify that the above bill is correct and just and that payment therefor has not been received.

Date April 15, 1960 Payee American Smelting and Refining Co.

Per J. L. Kinsey Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3586.30

Signature
(Authorized Certifying Officer)

Date 5/5/60 Vou. No. 4455

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. ..... in accordance with the terms of the contract.

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
APR 20 1960
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1960 Docket No. DMEA 4712 Contract No. DDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting--Crosscutting	Foot	3,892.00	97.3	172,104.00	4302.6	40.00	12,485	40.00
Timbering	"	1,021.65	97.3	37,908.15	3610.3	10.50	3,950	10.50
Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
Car Sidings	Foot	213.75	475	6,584.40	14,632	.45	14,800	.45
D.D.Stations	"	1,750.00	50	7,000.00	200	35.00	300	35.00
Drilling: Core AX or lar.	"			32,246.40	4913	6.56		6.60
EX	"						11,855	6.40
Incid.	"			1,965.20	4913	.40		.40
Core Boxes	Each	61.20	18	843.20	248	3.40	290	3.40
Assaying	Det.	234.00	234	1,019.00	1019	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		7,172.60		263,723.35				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		7,172.60		263,723.35				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date April 15, 1960 Operator American Smelting and Refining Company

Per J. C. Kinsor Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

MAY 5 1960
O.M.E.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

April 18, 1960

Office of Minerals Exploration
c/o United States Geologic Survey
South 157 Howard Street
Spokane, Washington

Attention: Mr. A. E. Weissenborn

Dear Sirs:

Concerning Docket No. DMEA-4712, Contract No. Idm-E 1134, please find the geologists' report on advance in March 1960 and the accountants' report on the month's costs.

Yours very truly,

ORIGINAL SIGNED
J. C. KIEFFER

Encl.
cc: OME (4) - w/enclosures.
DJPope - "
SNKesten - "
TMTower - "
WJMurphy - w/reports only.

RECEIVED
APR 20 1960
U. S. G. S.
SPOKANE, WASH.

RECEIVED
APR 24 1990
OFFICE OF THE SECRETARY
FISCAL SECTION

Wallace, Idaho
April 14, 1960

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT -- MARCH 1960

Advance for March in the 3070 East Page Drive was 97.3 feet, to a total under the OME contract of 4,036.4 feet. The rock exposed is predominantly purple argillite with occasional thin beds of purple argillaceous quartzite and quartzite. Bleaching and sericitization in the faulted sections gives the rock a grey-green color. The bedding and numerous weak bedding plane faults continue to parallel the drive and dip steeply north or south. Two strong faults are exposed early in the advance, the strongest of which strikes about N. 35° W. and dips 0° to 22° SW. and makes heavy ground to the present face. Significant faulting near the face strikes N. 75° W. and dips 65° to 70° W.

A diamond drill station has been cut on the north side at approximate coordinate 13,930 E and on the south side at approximate coordinate 14,000 E.

DDH 30-662N was drilled 671 feet to a depth of 867 feet, for a total diamond drill footage to date of 5,980 feet. The rock is predominantly purple to grey-green argillite and argillaceous quartzite, with the exception of a section of light-grey quartzite from footage 280 to 350. Locally the rock is bleached, sericitized and calcareous. The Exile fault zone was encountered from footage 180 to 235 with additional significant faulting and brecciation occurring between footages 422 to 433, 449 to 452 and 460 to 467.

Plate 1 is a plan showing the geology of the advance in the 3070 East Page Drive and in DDH 30-662N. Core logs for footages 190 to 890 are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

RECEIVED
APR 20 1960
U. S. G. S.
SPOKANE, WASH.

Attachments:

Plate 1 - Plan, geology of advance
in 3070 East Page Drive and in DDH 30-662N - 1" = 50'

Core Logs: DDH 30-662N - - - 190' to 890'

RECEIVED
APR 25 1960
OFFICE OF THE SECRETARY
FISCAL SECTION

Form MF-104 (Rev.)*
(April 1952)

Sch 1482

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

APR 4 1960

RECEIVED APR 22 1960 U.S.D.S. SPOKANE, WASH.

Budget Bureau No. 42-R1036.5

OPERATOR'S MONTHLY REPORT AND VOUCHER

O.M.E.

Month of February, 1960 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50% Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	6,600.00	25,646.40	32,246.40			
~~[illegible]~~ DD Stations		5,250.00	5,250.00			
Crosscutting }	6,708.00	161,504.00	168,212.00			
Drifting }						
D.D. Incidentals	400.00	1,565.20	1,965.20			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	1,760.85	35,125.65	36,886.50			
Explosives						
Pipe						
~~[illegible]~~ Car Sidings		6,370.65	6,370.65			
Rock Bolting		4,053.00	4,053.00			
Core Boxes	71.40	710.60	782.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	75.00	710.00	785.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	15,615.25	240,935.50	256,550.75	15,615.25	240,935.50	256,550.75

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Mar. 16, 1960 *Payee American Smelting and Refining Co.

Per J. L. Hieber Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 7,807.63

Signature Oa
(Authorized Certifying Officer)

Date 4/4/60 Vou. No. 3920

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. ..... in accordance with the terms of the contract.

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 872893

Form MF-104A
(April 1952).

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

APR 4 1960 O.M.E. RECEIVED MAR 22 1960 U. S. G. S. SPOKANE, WASH.

Month of February 1960 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	6,708.00	167.7	168,212.00	4205.3	40.00	12,485	40.00
Timbering	"	1,760.85	167.7	36,886.50	3513.0	10.50	3,950	10.50
Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
Car Sidings	Foot			6,370.65	14,157	.45	14,800	.45
D.D.Stations	"			5,250.00	150	35.00	300	35.00
Drilling: Core AX or Lar.	"	6,600.00	1,000	32,246.40	4913	6.56		6.60
EX	"						11,855	6.40
Incid.	"	400.00	1,000	1,965.20	4913	.40		.40
Core Boxes	Each	71.40	21	782.00	230	3.40	290	3.40
Assaying	Det.	75.00	75	785.00	785	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		15,615.25		256,550.75				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		15,615.25		256,550.75				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date March 16, 1960 Operator American Smelting and Refining Company

Per J. C. Kiesser Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

March 21, 1960

Office of Minerals Exploration
c/o United States Geologic Survey
South 157 Howard Street
Spokane, Washington

Attention: Mr. A. E. Weissenborn

Dear Sirs:

Concerning Docket No. DMEA-4712, Contract No. Idm-E 1134, please find the geologists' report on advance in February 1960 and the accountants' report on the month's costs.

Yours very truly,

ORIGINAL SIGNED
J C KIEFFER

Encl.
cc: OME (4) - w/enclosures.
DJPope - "
SNKesten - "
TMTower - "
WJMurphy - w/reports only.

RECEIVED
MAR 22 1960
U. S. G. S.
SPOKANE, WASH.

Wallace, Idaho
March 15, 1960

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT -- FEBRUARY 1960

Advance for February in the East Page Drive was 167.7 feet, for a total under the OME contract of 3,939.1 feet. In this advance, the rock is purple argillite containing occasional thin beds of purple quartzite, which locally are moderately bleached. Several strong flat faults continued to make heavy ground in the first part of the advance, however, faulting is relatively minor in the last 100 feet of advance. The bedding and numerous bedding plane faults parallel the drive and dip steeply north or south.

In DDH 30-650S, advance was 234 feet, to 1,200 feet, where the hole was stopped. The hole penetrated light-grey to light-green quartzite which locally is somewhat argillaceous and highly fractured. Significant faulting and brecciation was encountered between footage 1,015.0 to 1,021.8. Strong faulting, which is probably the Spring fault zone, occurs between footages 1,046.5 - 1,054.0 and 1,064.3 - 1,070.0.

DDH 30-662N was collared at approximate coordinate 13,375 E and drilled to 196.0 feet. After penetrating purplish argillite and argillaceous quartzite, it encountered the Exile fault at about footage 180 and was still in the fault zone at the end of the period.

Total diamond drilling under the OME project is 5,309.0 feet.

Plate 1 is a plan showing the geology of the advance in the 3070 East Page Drive and in DDH 30-650S, in February. DDH 30-662N will be shown on maps accompanying the report for March. Core logs for the footages drilled are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

RECEIVED
MAR 22 1960
U. S. G. S.
SPOKANE, WASH.

Attachments:

Plate 1 - Plan, geology of advance
in 3070 East Page Drive and in DDH 30-650S - - 1" = 50'

Core Logs: DDH 30-650S - - 960' to 1,200'
DDH 30-662N - - 0' to 190'

D. R. MacLaren, Alternate Acting Executive Officer, GSX Field Team, Region I

March 23, 1960

S. W. Zaldok, Mining Engineer

American Smelting and Refining Company, Contract Ida-H134
Monthly operating report for February 1960

You will note that the Operator's narrative and contractor's invoice give the length of DDH-6500 as 1,500 feet, whereas only 1,000 feet was vouchered. This is proper as the drill hole left the claim boundary at 1,000 feet and the last 500 feet was in land not substituted under the contract. See S. Norman Kosten's letter of December 18, 1959 to Weissenborn and our reply of December 22, 1959.

S. W. Zaldok

RECEIVED
MAR 24 1960
U. S. G. S.
SPOKANE, WASH.

Form MF-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

FEB 29 1960 O.M.E.

Budget Bureau No. 42-R1036.5

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1960 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and Zinc

Address Box 440, Wallace, Idaho

Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		25,646.40	25,646.40		25,646.40	25,646.40
~~Building~~ D.D. Stations		5,250.00	5,250.00		5250.00	5250.00
Crosscutting }	2,204.00	159,300.00	161,504.00	2204.00	159,300.00	161504.00
Drifting }						
D. D. Incidentals		1,565.20	1,565.20		1565.20	1565.20
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	578.55	34,547.10	35,125.65	578.55	34547.10	35125.65
Explosives						
Pipe						
~~Tim~~ Car Sidings	117.00	6,253.65	6,370.65	117.00	6253.65	6370.65
Rock Bolting		4,053.00	4,053.00		4053.00	4053.00
Core Boxes	57.80	652.80	710.60	57.80	652.80	710.60
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	33.00	677.00	710.00	33.00	677.00	710.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2,990.35	237,945.15	240,935.50	2990.35	237,945.15	240935.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Feb. 12, 1960 *Payee American Smelting and Refining Co.

Per J. L. Nicoson Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1495.17

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 2/22/60 Vou. No. 23442

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1134 in accordance with the terms of the contract.

Signature /S/ Stephen W. Goldsk Title Mining Engr. Date Feb. 16, 1960

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ D. R. MacLaren Title acting alternate Exec. Officer Date Feb. 19, 1960

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1960 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 140, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	2,204.00	55.1	161,504.00	4037.6	40.00	12,485	40.00
Timbering	"	578.55	55.1	35,125.65	3345.3	10.50	3,950	10.50
Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
Car Sidings	Foot	117.00	260	6,370.65	14,157	.45	14,800	.45
D.D.Stations	"			5,250.00	150	35.00	300	35.00
Drilling: Core AX or lar.	"			25,646.40	3913	6.55		6.60
EX	"						11,855	6.40
Incid.	"			1,565.20	3913	.40		.40
Core Boxes	Each	57.80	17	710.60	209	3.40	290	3.40
Assaying	Det.	33.00	33	710.00	710	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,990.35		240,935.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,990.35		240,935.50				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Feb. 12, 1960 Operator American Smelting and Refining Company

Per J. C. Kiesser Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

1st Stephen W. Jeldok, Mining Engr.
Feb. 16, 1960

FEB 29 1960
O.M.E.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
February 15, 1960

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT -- JANUARY 1960

Advance for January in the 3070 East Page Drive was 55.1 feet, for a total under the OME contract of 3,371.4 feet. For this advance, the rock is predominantly purple argillite with minor purple argillaceous quartzite and quartzite. The bedding and minor bedding plane faults continue to parallel the drive and dip steeply south. Strong fracturing and several minor flat faults associated with the Exile fault continue to make heavy ground.

In DDH 30-650S, the rocks penetrated are purple argillite, argillaceous quartzite and quartzite of the St. Regis formation to 568.0 feet. From footage 568.0 to 966.0, the rock is predominantly light-grey quartzite. Significant faulting brecciation and shearing occur between footages 471.0 - 474.0, 533.0 - 545.0, 698.0 - 699.0, 807.0 - 825.6 and 844.5 - 870.6. No sulphide mineralization was encountered. Caving ground necessitated casing the hole and reducing to BX core at 966.0 feet.

Plate 1 is a plan showing the geology of the work in the 3070 East Page Drive and of the advance in DDH 30-650S, in January. Core logs for the footages drilled are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, geology of advance
in 3070 East Page Drive and in DDH 30-650S - - 1" = 50'

Core Logs, DDH 30-650S, 330' to 960'

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

W

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

JAN 28 1960 D.M.E.

Month of December, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50% Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	7,167.60	18,478.80	25,646.40	7167.60	18,478.80	25646.40
~~Building~~ D.D. Stations		5,250.00	5,250.00		5250.00	5250.00
Crosscutting	4,060.00	155,240.00	159,300.00	4060.00	155240.00	159300.00
Drifting						
D.D. Incidentals	434.40	1,130.80	1,565.20	434.40	1130.80	1565.20
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	1,065.75	33,481.35	34,547.10	1065.75	33481.35	34547.10
Explosives						
Pipe						
~~Track~~ Car Sidings		6,253.65	6,253.65		6253.65	6253.65
Rock Bolting		4,053.00	4,053.00		4053.00	4053.00
Core Boxes	102.00	550.80	652.80	102.00	550.80	652.80
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	51.00	626.00	677.00	51.00	626.00	677.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	12,880.75	225,064.40	237,945.15	12880.75	225,064.40	237945.15

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Jan. 18, 1960 *Payee American Smelting and Refining Co.

Per J. C. Kiesser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 6440.37

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 1/22/60 Vou. No. 2340

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 61134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Zoldok Title Mining Engr. Date 1-20-60

APPROVAL BY ~~DMEA~~ OMH EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Jan. 21, 1960

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

JAN 28 1960 O.M.E.

Month of December 1959 Docket No. DMEA 4712 Contract No. DDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	4,060.00	101.5	159,300.00	3982.5	40.00	12,485	40.00
~~Crosscutting~~ Timbering	"	1,065.75	101.5	34,547.10	3290.2	10.50	3,950	10.50
~~Raising~~ Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
~~Shafts~~ Car Sidings	Foot			6,253.65	13,897	.45	14,800	.45
~~Winzes~~ D.D. Stations	"			5,250.00	150	35.00	300	35.00
Drilling: Core AX or lar.	"	7,167.60	1086	25,646.40	3913	6.55		6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"	434.40	1086	1,565.20	3913	.40		.40
~~Stripping~~ Core Boxes	Each	102.00	30	652.80	192	3.40	290	3.40
~~Trenching~~ Assaying	Det.	51.00	51	677.00	677	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		12,880.75		237,945.15				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		12,880.75		237,945.15				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Jan. 18, 1960 Operator American Smelting and Refining Company

Per J. C. Kiesser Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

1-20-60
/s/ Stephen W. Zoldok
Mining Engr.

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
January 14, 1960

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT - DECEMBER 1959

Advance for December in the 3070 East Page Drive was 101.5 feet for a total under the OME contract of 3,716.3 feet. Early in the advance a strong fault zone was encountered, striking approximately N. 65° W. and dipping 19° to 32° SW. The main structure consists of up to 6 feet (horizontal width) of light-grey to brown gouge with associated strong faulting, fracturing and bleaching extending up to 15 feet into the hanging wall and 50 feet into the footwall. The rock in both walls of the fault remains predominantly purple argillite with the bedding paralleling the drive and dipping steeply south. The name "Exile" is applied to this structure.

DDH 30-751S advanced 230 feet to completion at 1,086 feet. DDH 30-650S was started at approximate east coordinate 13,500 and was advanced 323 feet during the period. The two holes bring the total diamond drilling for the project to 4,236 feet.

In DDH 30-751S, the rock is light-grey quartzite, which locally is strongly sericitized and contains sparsely disseminated pyrite. Significant faulting, which is probably the Spring fault zone, was encountered between footages 1,037.5 and 1,058.4. From footage 1,058.4 to the end of the hole, the rock remains light-grey quartzite with less sericitization than the preceding rocks. In DDH 30-650S, the hole penetrated predominantly dark-purple argillite and quartzite to 321.0 feet. Significant faulting and shearing was encountered between footages 61.5 and 93.5. Numerous calcite blebs and thin fracture fillings along with weak to moderate silicification were encountered between footages 294.0 and 321.5.

Plate 1 is a plan showing the geology of the work in the 3070 East Page Drive in December and of the advance in DDH 30-650S. Plate 2 is a plan showing geology of the advance in DDH 30-751S. Core logs for the footages drilled are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN
S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, geology of advance in 3070 East Page Drive and in DDH 30-650S - - 1" = 50'
Plate 2 - Plan, geology of advance in DDH 30-751S - - 1" = 50'
Core logs, DDH 30-751S, 890' to 1,086'
Core logs, DDH 30-650S, 0' to 330'

MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

DEC 28 1959
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 100, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		18,478.80	18,478.80	303.46	18,175.34	18,478.80
D.D. Stations	469.00	4,781.00	5,250.00	469.00	4781.00	5250.00
Crosscutting	4,740.00	150,500.00	155,240.00	4740.00	150500.00	155240.00
Drifting						
D.D. Incidentals		1,130.80	1,130.80		1130.80	1130.80
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	1,379.70	32,101.65	33,481.35	1379.70	32101.65	33481.35
Explosives						
Pipe						
Car Sidings	117.00	6,136.65	6,253.65	117.00	6136.65	6253.65
Rock Bolting		4,053.00	4,053.00		4053.00	4053.00
Core Boxes	78.20	472.60	550.80	78.20	472.60	550.80
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	6.00	620.00	626.00	6.00	620.00	626.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6,789.90	218,274.50	225,064.40	7093.36	217971.04	225064.40

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Dec. 16, 1959 *Payee American Smelting and Refining Co.

Per J. L. Kiesser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3546.68

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 12/22/59 Vou. No. 2538

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Goldock Title Mining Engr Date 12-18-59

APPROVAL BY ~~DMEA~~ ONE EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Dec. 18, 1959

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	4,740.00	118.5	155,240.00	3881	40.00	12,485	40.00
Timbering	"	1,379.70	131.4	33,481.35	3188.7	10.50	3,950	10.50
Rock Bolting	Each			4,053.00	1158	3.50	4,000	3.50
Car Sidings	Foot	117.00	260	6,253.65	13,897	.45	14,800	.45
D.D.Stations	"	469.00	13.4*	5,250.00	150	35.00	300	35.00
Drilling: Core AX or lar.	"			18,478.80	2827			6.60
EX	"						11,855	6.40
Incid.	"			1,130.80	2827	.40		.40
Core Boxes	Each	78.20	23	550.80	162	3.40	290	3.40
Assaying	Det.	6.00	6	626.00	626	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		6,789.90		225,064.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		6,789.90		225,064.40				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Dec. 16, 1959 Operator American Smelting and Refining Company

Per J. L. Kinsor Title Manager

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

REMARKS:
* 650 S 21.0 feet advance
13.4 feet allowable

(Instructions on reverse)

(For Government use only)

12-18-59
/s/ Stephen W. Zoldok, Mining Engr.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
December 15, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT - NOVEMBER 1959

113.5 now, 129 ft. pd. for in Oct.

In the 3070 East Page Drive, advance in November was 131.4 feet for a total under the OME contract of 3,614.8 feet. Advance in 650 Crosscut South, a diamond drill station, was 21.0 feet, to completion at 32.6 feet. In the drive and crosscut, the rock is predominantly thin-bedded purple argillite with some interbedded purplish argillaceous quartzite. Irregular and discontinuous bleaching, sub-parallel to the bedding, is exposed late in the advance. The bedding and numerous strong bedding faults parallel the drive and dip steeply south. Heavy ground was encountered throughout the advance.

DDH 30-751S advanced 356.0 feet to footage 856.0, bringing total diamond drilling for the project to 3,683.0 feet. The rock is predominantly light-grey quartzite which locally is strongly bleached. Several 1/4- to 3/4-inch quartz and quartz-siderite stringers were encountered between footages 653.0 and 678.5, followed by gentle folding and faulting to 695.0 feet. Significant faulting was encountered from 745.0 feet to the last core logged at 776.0 feet. The increased flow of water along with the loss of sludge necessitated casing and reducing to BX size core at about 850 feet.

Plate 1 is a plan showing the geology of the work in the 3070 East Page Drive in November, and Plate 2 is a plan of DDH 30-751S. Core logs for footage 540 to 890 in DDH 30-751S also are attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN
S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, geology of advance in East Page Drive - 1" = 50'
Plate 2 - Plan, geology of advance in DDH 30-751S - - 1" = 50'
Core logs, DDH 30-751S, 540' to 890'

DEC 30 1959

Memorandum

To: Executive Officer, OME Field Team, Region I

From: Chairman, Operating Committee

Subject: Docket No. DMEA-4712 (Lead-Zinc)
American Smelting & Refining Company
East Page Mine
Shoshone County, Idaho
Contract No. Idm-81134

On the assumption that the charges aggregating $7,854.59 listed in Mr. Kieffer's letter to you dated December 9, 1959, represent the actual amount paid or payable to the diamond drill contractor for hole No. 3, that entire amount constitutes costs in which the Government will participate. The Operator is entitled to claim such amount and need not limit his claim to $7,557.00 for 1,145 feet of AX drilling at $6.60 per foot as was done on the October 1959 MF-104.

Amendment No. 2 to the contract did not change the terms with respect to reimbursement for costs incurred under Category (1), Independent Contracts. Thus, the Government will participate in actual costs of diamond drilling subject only to the maximums of 11,855 feet of drilling, $6.60 per foot for AX size or larger, $6.40 per foot for BX size, and a total cost of $78,243.00. Annex II, paragraph (g), of the original contract provides that the allowable unit costs ($6.60 or $6.40 per foot of drilling) are average costs for the entire work item of diamond drilling.

The contemplated action by the Certifying Officer indicated in your letter to the Operator dated December 16, 1959, whereby the amount disallowed on the October 1959 MF-104 will be reinstated, is approved.

George C. Selfridge

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Harold Kirkemo
Member, Geological Survey

CEFisher/ama
December 28, 1959

Copy to: Docket
Director's Reading File
CA & A Division
Operating Committee
Mr. Bishop, USBM
Mr. Kirkemo, USGS
Mrs. Dorothy F. Long

EXTRA COPY O. M. E RECEIVED DEC 22 1959		
DATE	INITIALS	CODE
		800

1201 N. Division St.
Spokane 2, Washington

December 16, 1959

Mr. J. C. Kieffer, Manager
American Smelting & Refining Co.
Northwestern Mining Department
P. O. Box 440
Wallace, Idaho

Re: Docket No. DMEA-4712 (Lead-Zinc)
East Page Mine
Shoshone County, Idaho
Contract No. Idm-K1134
Monthly operating report for
October 1959

Dear Mr. Kieffer:

Thank you for your letter of December 9, 1959, concerning a disallowance of certain drill costs in your October 1959 voucher.

We have reviewed the matter and are inclined to agree with you that charges for reaming, casing, etc., are allowable within the maximum up to $6.60 per foot for AX size or larger.

There is a possibility that the OME Auditor will interpret the contract as had the Certifying Officer, in which case we will have to refer the matter to Washington for clarification.

The amount, up to the allowable maximum, which was deleted on your last voucher will be reinstated by the Certifying Officer and it will not be necessary for you to reclaim this amount.

Sincerely yours,

Stephen W. Zoldak
For: A. E. Weissenborn
Executive Officer
OME Field Team Region I

cc: OME (2) w/cy of incoming
USBM (2)
USBM (AD)

[illegible]

[illegible]
MANAGER

W. J. MURPHY
CHIEF ACCOUNTANT

December [illegible], 1959

EXTRA COPY
O. M. E
RECEIVED DEC 22 1959

DATE	INITIALS	CODE

Mr. A. E. Weissenborn
Executive Officer, O.M.E.
Field Team, Region 1
1201 W. Division Street
Spokane 2, Washington

Re: Docket No. D.M.E.A. - 4712
Contract No. Idm - [illegible]
Monthly Operating Report for
October, 1959

Dear Sir:

This refers to your letter of December 7 stating that our October voucher could not be paid in full. We believe the Certifying Officer has erred in disallowing certain direct diamond drilling costs. Amendment No. 2, Category (1) Independent Contracts, states "The above rates include charges for reaming and casing, cementing and redrilling, changing locations, and all other charges whatsoever that may be incurred by the diamond drill contractor."

We have made the following tabulation of our costs for hole No. 3 which is all AX or larger and for which we believe we should be reimbursed at the $6.60/ft. maximum allowable rate.

AXXX Drilling - 49' @ $5.20	$ 254.80	
AXXX Drilling - 203' @ $5.74		1,[illegible]
AXXX Drilling - 163' @ $5.74	$ [illegible]	
33' @ $6.30	[illegible]	
Reaming, Cementing, etc.	[illegible]	1,[illegible]
AXXX Drilling - 401' @ $6.30	$ 2,526.30	
Reaming	[illegible]	2,[illegible]
[illegible] @ $6.30	$ [illegible]	
[illegible] @ $[illegible]	[illegible]	
Total - [illegible]		[illegible]

[illegible] @ [illegible] per foot.

[illegible]

Form [illegible]104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

1959 Budget Bureau No. 42-R1036.5

DEC 21 1959 O.M.E.

Month of October, 1959 Docket No. DMEA 4712 Contract No. DMA-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	7,557.00	10,921.80	18,478.80	7253.54	10921.80	18,175.34
Bulldozing D.D. Stations	1,281.00	3,500.00	4,781.00	1281.00	3500.00	4781.00
Crosscutting }	6,336.00	144,164.00	150,500.00	6336.00	144164.00	150500.00
Drifting }						
D.D. Incidentals	458.00	672.80	1,130.80	458.00	672.80	1130.80
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	1,527.75	30,573.90	32,101.65	1527.75	30,573.90	32101.65
Explosives						
Pipe						
Track Car Siding		6,136.65	6,136.65		6136.65	6136.65
Rock Bolting	182.00	3,871.00	4,053.00	182.00	3871.00	4053.00
Core Boxes	71.40	401.20	472.60	71.40	401.20	472.60
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	141.00	479.00	620.00	141.00	479.00	620.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	17,554.15	200,720.35	218,274.50	17250.69	200,720.35	217971.04

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Nov. 19, 1959 *Payee American Smelting and Refining Co.

Per J. L. Kiesow Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 8625.34

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 12/7/59 Vou. No. 2385
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Goldak Title Mining Engr. Date 11-20-59

APPROVAL BY ~~DMEA~~ ONE EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Nov. 30, 1959

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 195 9 Docket No. DMEA 4712 Contract No. DMA-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and Zinc

Address Box 160, Wallace, Idaho

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting	Foot	6,336.00	158.4	150,500.00	3762.5	40.00	12,485	40.00
Crosscutting								
Timbering	"	1,527.75	145.5	32,101.65	3057.3	10.50	3,950	10.50
Raising								
Rock Bolting	Each	182.00	52	4,053.00	1158	3.50	4,000	3.50
Shafts								
Car Sidings	Foot			6,136.65	13,637	.45	14,800	.45
Winzes								
D.D. Stations	"	1,251.00	36.6	4,751.00	136.6	35.00	300	35.00
Drilling: Core								
Air or Ier.	"	7,557.00	1145	18,478.80	2827			6.60
Churn								
EX	"						11,855	6.40
Auger								
Incid.	"	458.00	1145	1,130.80	2827	.40		.40
Stripping								
Core Boxes	Each	71.40	21	472.60	139	3.40	290	3.40
Trenching								
Assaying	Det.	141.00	141	620.00	620	1.00	4,200	1.00
Test Pits								
Roads and Trails								
Total Distributed Costs		17,554.15		218,274.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		17,554.15		218,274.50				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Nov. 19, 1959 Operator American Smelting and Refining Company

Per J. L. Kiebert Title Manager

Remarks:
650 S 11.6 ft.
662 N 31.1 ft - 25 ft.
allowable under contract

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Stephen W. Zoldok, Mining Engr.

DEC 14 1959
O.M.E.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

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O M
RECEIVED DEC 14 1959
DATE | INITIALS | CODE

Wallace, Idaho
November 16, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT -- OCTOBER 1959

In the 3070 East Page Drive, advance in October was 145.5 feet, for a total under the OME contract of 3,483.4 feet. There was no advance in 714 XCN but 662 XCN, a diamond drill station at coordinate 13,375 E, was completed at 31.1 feet, and 650 XCS, a diamond drill station at coordinate 13,500 E, was advanced 11.6 feet. In the drive and in the crosscuts, the rocks are predominantly light-grey, argillaceous quartzites and purple argillites. The bedding and numerous minor bedding-plane faults have strikes of N. 80° to 85° E., or about parallel to the drive, and dip steeply either north or south. Several relatively weak faults, striking northwesterly, and dipping southwesterly, were encountered. A subparallel fault structure in the south wall of the drive occasioned considerable difficulty in driving 650 XCS.

DDH 30-767N advanced 208 feet and was stopped at 1,145 feet. Core recovery continued to be very poor throughout this advance, being mainly mud and small to large fragments of quartzite. When the drillers encountered difficulties and it seemed likely that casing would be required, the hole was stopped. If, as has been suggested, the last 236 feet represent the Osburn Fault Zone, then the dip of the zone from surface is about 55°. This is the dip at which the zone was projected when the project was being laid out. None of the sludge samples showed values in silver, lead, or zinc.

DDH 30-751S, at approximate coordinate 12,500 E, was drilled to 500 feet and is continuing. It penetrated purple argillite, and light-grey quartzite and argillaceous quartzite, to 155 feet. Beyond this footage, the rocks are predominantly light-grey quartzite, probably of the Revett formation. Several quartz stringers less than one inch wide were encountered and one of these, at 72 feet, contained several blebs of galena. No significant faulting was encountered.

Total diamond drilling to date is 3,327 feet.

Plate 1 is a plan showing the geology of the work accomplished in October. Core logs for footage 960 to 1,145 in DDH 30-767N and for footage 0 to 500 in DDH 30-751S also are attached.

Respectfully submitted,
Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments:
Plate 1 - Plan, Geology of advance in East Page Drive, DDH 30-767N, and DDH 30-751S - 1" = 50'
Core logs, DDH 30-767N, 960' to 1,145'
Core logs, DDH 30-751S, 0' to 500'

OME Field Team, Region I

December 7, 1959

OME Certifying Officer, Region I

American Smelting and Refining Company, Contract No. Idm-X1134
Monthly operating report for October 1959

The subject monthly operating report has been processed and forwarded to the Disbursing Officer for payment.

The difference in the drilling costs claimed by the Operator and those certified for payment is explained as follows:

The Operator claimed 1,145 feet of drilling at $6.60 per foot, or $7,557.00. However, invoices from the driller show an average actual cost of $6.33 per foot, or $7,253.54:

49'	AX	@	$5.80	-	$ 254.80
283'	"	@	5.74	-	1,624.42
166'	"	@	5.74	-	954.32
33'	"	@	6.50	-	214.50
404'	"	@	6.50	-	2,626.00
63'	"	@	6.50	-	409.50
145'	"	@	8.00	-	1,160.00
1145'					$7,253.54 = $6.33 per ft.

Dorothy F. Long

cc: OME (2)
USGS (2)
USBM (AD)
Contract Admin. (2)
Zoldok

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O. M. E
RECEIVED DEC 14 1959

DATE	INITIALS	CODE

1201 N. Division St.
Spokane 2, Washington

December 7, 1959

EXTRA COPY
O. M. E.
RECEIVED DEC 11 1959
DATE | INITIALS | CODE
800

American Smelting and Refining Company
Box 440
Wallace, Idaho

Re: Docket No. DMRA-4712
Contract No. Idm-E1134
Monthly operating report for
October 1959

Gentlemen:

This is to inform you the subject voucher could not be paid in the full amount claimed.

The deletion is explained in the attached copy of a memorandum to the Field Team from the Certifying Officer, Region I.

Sincerely yours,

A. E. Weissenborn
Executive Officer, OME
Field Team, Region I

Attachment

cc: OME (2)
USGS (2)
USBM (AD)

OME Field Team, Region I

December 7, 1959

OME Certifying Officer, Region I

American Smelting and Refining Company, Contract No. Idm-E1134
Monthly operating report for October 1959

The subject monthly operating report has been processed and forwarded to the Disbursing Officer for payment.

The difference in the drilling costs claimed by the Operator and those certified for payment is explained as follows:

The Operator claimed 1,145 feet of drilling at $6.60 per foot, or $7,557.00. However, invoices from the driller show an average actual cost of $6.33 per foot, or $7,253.54:

49'	AX	@	$5.80	-	$ 254.80
283'	"	@	5.74	-	1,624.42
168'	"	@	5.74	-	964.32
33'	"	@	6.50	-	214.50
404'	"	@	6.50	-	2,626.00
63'	"	@	6.50	-	409.50
145'	"	@	8.00	-	1,160.00
1145'					$7,253.54 = $6.33 per ft.

Dorothy F. Long

cc: OME (2)
USGS (2)
USBM (AD)
Contract Admin. (2)
Zoldok

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RECEIVED DEC 11 1959
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Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

B/O Vou. No. .....

Bk. Vou. No. 2330

NOV 6 1959 O.M.E.

PAID BY

(For use of Paying Office)

U. S. .....
(Department, bureau, or establishment)

Voucher prepared at Spokane, Washington 11/2/59
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E1134

To American Smelting and Refining Company
(Payee)

Box 440 Wallace Idaho
(Address) (City) (State)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
		MF-104's Revised: June 1959 $4,277.12					
		July 1959 3,747.60					
		August 4,154.28					
		September 5,275.95 $17,454.95					
		Less: Payments on original Forms MF-104					
		June and July 1959 9,114.16					
PAYMENT: Complete ☐ Partial ☐ Final ☐		Approved for payment:				8,340	79
		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 8,340 79

(Payee must NOT use this space)

Differences .....

Account verified; correct for 8,340 79

(Signature or initials) .....

Contract No. Date Req. No. Date Invoice Rec'd.

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
{ Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

NOV 6 1959
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		10,921.80	10,921.80		10,921.80	10921.80
~~Bulldozing~~ D.D. Stations		3,500.00	3,500.00		3500.00	3500.00
Crosscutting	8,188.00	135,976.00	144,164.00	8188.00	135976.00	144164.00
Drifting						
D.D. Incidentals		672.80	672.80		672.80	672.80
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	2,013.90	28,560.00	30,573.90	2013.90	28,560.00	30,573.90
Explosives						
Pipe						
~~Track~~ Car Sidings	117.00	6,019.65	6,136.65	117.00	6019.65	6136.65
Rock Bolting	70.00	3,801.00	3,871.00	70.00	3801.00	3871.00
Core Boxes	85.00	316.20	401.20	85.00	316.20	401.20
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	78.00	401.00	479.00	78.00	401.00	479.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	10,551.90	190,168.45	200,720.35	10551.90	190,168.45	200,720.35

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct. 16, 1959 *Payee American Smelting and Refining Co.

Per J. L. Kinsey Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 5275.95

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 11/2/59 Vou. No. 2330

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6-1134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Zoldok Title Mining Engr. Date Oct. 22, 1959

APPROVAL BY ~~DMEA~~ ONE EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wing L. Agnew Title Acting Exec. Date 10-28-59

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 872893

Form MP-104A
(April 1952)

Budget Bureau No. 42-R1151.2

Newlock

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	8,188.00	204.7	144,164.00	3604.1	40.00	12,485	40.00
~~Crosscutting~~ Timbering	"	2,013.90	191.8	30,573.90	2911.8	10.50	3,950	10.50
~~Raising~~ Rock Bolting	Each	70.00	20	3,871.00	1106	3.50	4,000	3.50
~~Shafts~~ Car Sidings	Foot	117.00	260	6,136.65	13,637	.45	14,800	.45
~~Winzes~~ D.D.Stations	"			3,500.00	100	35.00	300	35.00
Drilling: Core AX or Lex.	"			10,921.80	1682	6.49		6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"			672.80	1682	.40		.40
~~Stripping~~ Core Boxes	Each	85.00	25	401.20	118	3.40	290	3.40
~~Trenching~~ Assaying	Det.	78.00	78	479.00	479	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		10,551.90		200,720.35				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		10,551.90		200,720.35				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Oct. 16, 1959 Operator American Smelting and Refining Company

Per J. L. Kinsor Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Stephen W. Zoldok
Mining Engr.

NOV 6 1959
O.M.E.

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
October 14, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT - SEPTEMBER 1959

In the 3070 East Page Drive, advance in September was 191.8 feet, for a total under the OME contract of 3,337.9 feet. In 714 XCN, advance was 12.9 feet, for a total of 234.7 feet. The rocks exposed in the drive are light grey quartzites and argillaceous quartzites, and purple argillites. The bedding, and the bedding-plane faults, which are particularly noticeable in the argillite, strike N. 80° to 85° E. and dip very steeply either north or south. A strong fault in the latter part of the advance strikes N. 60° W. and dips 30° SW., making heavy ground.

DDH 30-767N advanced 404 feet to 937 feet, and is continuing. The corrected total diamond drill hole footage for the project is 2,619 feet. The rocks penetrated to 742 feet continue to be, alternately, purple argillite and light grey quartzite, both of which are locally calcareous. The calcareous material appears to be a form of alteration which is strongest along planes parallel to bedding. Zones of significant faulting and brecciation occur at footages 528.0 to 532.5, 540.6 to 551.3 and 567.6 to 575.0. Any one or all of these zones might be correlated with the fault zone in DDH 30-823N between footages 402 and 413. From 742 feet, the rocks are predominantly light grey, locally thick-bedded quartzite, with the bedding making a large angle with the core. From 839 to 894, average core recovery, which had been better than 75%, was 21%, and it is inferred from the appearance of the sludge, and from the reports of the drillers, that most of the unrecovered material is very soft and washed out readily. However, there is little gouge. From 894 to 909, recovery is 78%, and the rock is light grey argillite and argillaceous quartzite. From 909, recovery is less than 10%, and the drillers report mud, but no squeezing and no markedly increased water flow. It is suggested that the hole entered the hanging wall of the Osburn Fault Zone at 839 feet, encountered a "rib" of rock which had somehow been protected from the grinding action in the fault zone, and then entered the intensely faulted zone at 909 feet.

No mineralization has been intersected.

Plate 1 is a plan showing the geology of this work. Core logs for footages 540 to 960 are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN
S. NORMAN KESTEN

Attachments:
Plate 1 - Plan, Geology of advance
in East Page Drive and DDH 30-767N - - - - 1" = 50'
Core Logs, DDH 30-767N, 540' to 960'

Form MF-104 (Rev.)
(April 1952)

~~Revised~~ W

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		10,921.80	10,921.80		10,921.80	10,921.80
~~Bulldozing~~ D.D. Stations		3,500.00	3,500.00		3500.00	3500.00
Crosscutting,	6,656.00	129,320.00	135,976.00	6656.00	129320.00	135976.00
Drifting						
D.D. Incidentals		672.80	672.80		672.80	672.80
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	1,324.05	27,235.95	28,560.00	1324.05	27235.95	28560.00
Explosives						
Pipe						
~~Track~~ Car Sidings	117.00	5,902.65	6,019.65	117.00	5902.65	6019.65
Rock Bolting	136.50	3,664.50	3,801.00	136.50	3664.50	3801.00
Core Boxes	51.00	265.20	316.20	51.00	265.20	316.20
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	24.00	377.00	401.00	24.00	377.00	401.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	8,308.55	181,859.90	190,168.45	8308.55	181,859.90	190,168.45

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct. 16, 1959 *Payee American Smelting and Refining Co.

Per J. L. Kissor Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4154.28

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 11/2/59 Vou. No. 2330

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1134 in accordance with the terms of the contract.

Signature 1st Stephen W. Zoldok Title Mining Engr. Date Oct. 22, 1959

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature 1st Wing G. Agnew Title Acting Exec. Date 10-28-59

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

~~Revised~~

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting ~~Crosscutting~~ Crosscutting	Foot	6,656.00	166.4	135,976.00	3399.4	40.00	12,485	40.00
~~Crosscutting~~ Timbering	Foot	1,324.05	126.1	28,560.00	2720	10.50	3,950	10.50
~~Raising~~ Rock Bolting	Each	136.50	39	3,801.00	1086	3.50	4,000	3.50
~~Shafting~~ Car Sidings	Foot	117.00	260	6,019.65	13,377	.45	14,800	.45
~~Winzes~~ D.D.Stations	"			3,500.00	100	35.00	300	35.00
Drilling: Core AX or lar.	"			10,921.80	1682	6.49	11,855	6.60
~~Churn~~ EX	"							6.40
~~Auger~~ Incid.	"			672.80	1682	.40		.40
~~Stripping~~ Core Boxes	Each	51.00	15	316.20	93	3.40	290	3.40
~~Trenching~~ Assaying	Det.	24.00	24	401.00	401	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		8,308.55		190,168.45				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		8,308.55		190,168.45				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Oct. 16, 1959 Operator American Smelting and Refining Company

Per J. C. Kissner Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Stephen W. Zoldok
Mining Engr.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
September 15, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT - AUGUST 1959

In the East Page Drive, advance in August was 126.1 feet, for a total to date of 3,146.1 feet. In 714 XCM, advance was 40.3 feet, for a total of 221.8 feet. In both headings, the rocks continued to be dark-grey to purple argillites and light-grey to purple quartzites and argillaceous quartzites. The bedding and several minor bedding-plane faults strike east and dip steeply north and south. Occasional thin discontinuous quartz stringers are exposed.

DDH 30-767 was advanced 201 feet from 332 to 533 feet, bringing the total drill footage in the project to 2,264. Core from the footage drilled is predominantly light-grey quartzite with minor purple bands, and the remainder is grey to green to purple argillite and argillaceous quartzite. Bedding is at a large angle to the core. Throughout the month, the contractor experienced great difficulty resulting from caving ground, and had to follow the bit closely with casing. However recognizable faulting is confined to the following footages: 292 to 299; 442 to 450; 528 to 535. No mineralization has been intersected.

A plan showing the geology of the work is on Plate 1. Core logs for footage 260 to 540 are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, Geology of Advance
in East Page Drive and DDH 30-767N - - 1" = 50'

Core Logs, DDH 30-767, 260' to 540'

Form MF-104 (Rev.)
(April 1952)

Revised

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		10,921.80	10,921.80		10921.80	10921.80
~~Bulldozing~~ D.D. Stations		3,500.00	3,500.00		3500.00	3500.00
Crosscutting } Drifting }	5,980.00	123,340.00	129,320.00	5980.00	123340.00	129320.00
D.D. Incidentals		672.80	672.80		672.80	672.80
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	1,331.40	25,904.55	27,235.95	1331.40	25,904.55	27235.95
Explosives						
Pipe						
~~Track~~ Car Sidings		5,902.65	5,902.65		5902.65	5902.65
Rock Bolting	133.00	3,531.50	3,664.50	133.00	3531.50	3664.50
Core Boxes	40.80	224.40	265.20	40.80	224.40	265.20
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	10.00	367.00	377.00	10.00	367.00	377.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	7,495.20	174,364.70	181,859.90	7495.20	174364.70	181859.90

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct. 16, 1959 *Payee American Smelting and Refining Co.

Per J. L. Kinsor Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3747.60

Signature Dorothy F. Lang
(Authorized Certifying Officer)

Date 11/2/59 Vou. No. 2330

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 61134 in accordance with the terms of the contract.

Signature /S/ Stephen W. Foldok Title Mining Engr. Date Oct. 22, 1959

APPROVAL BY ~~DMEA~~ OMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Wing L. Agnew Title Acting Exec. Date 10-28-59

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

Revised
NOV 6 1959
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1959 Docket No. DMEA 4712 Contract No. DMEA 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 440 Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	5,980.00	149.5	129,320.00	3233	40.00	12,485	40.00
~~Crosscutting~~ Timbering	"	1,331.40	126.8	27,235.95	2593.9	10.50	3,950	10.50
~~Raising~~ Rock Bolting	Each	133.00	38	3,664.50	1047	3.50	4,000	3.50
~~Shafts~~ Car Sidings	Foot			5,902.65	13,117	.45	14,800	.45
~~Winzes~~ D.D.Stations	Foot			3,500.00	100	35.00	300	35.00
Drilling: Core AX or lar.	"			10,921.80	1682	6.49		6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"			672.80	1682	.40		.40
~~Stripping~~ Core Boxes	Each	40.80	12	265.20	78	3.40	290	3.40
~~Trenching~~ Assaying	Det.	10.00	10	377.00	377	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		7,495.20		181,859.90				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		7,495.20		181,859.90				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Oct. 16, 1959 Operator American Smelting and Refining Company

Per J. B. Kinnear Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

1st Stephen W. Zoldok
Mining Engr.

NOV 6 1959
O.M.E.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Revised

W

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

NOV 6 1959 O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June 1959 Docket No. DMEA 4712 Contract No. DMA-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and Zinc

Address Box 440, Wallace, Idaho

Contract Amount, $ 660,206 Government Participation: 50% Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:		Adj. to Audit			adj. to audit	
Drilling	864.60	10,057.20	10,921.80	864.60	10,057.20	10,921.80
~~Bulldozing~~ DD Stations		3,500.00	3,500.00		3,500.00	3500.00
Crosscutting / Drifting	6,220.00	117,120.00	123,340.00	6,220.00	117,120.00	123,340.00
D.D. Incidentals	52.40	620.40	672.80	52.40	620.40	672.80
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timbering	738.15	25,166.40	25,904.55	738.15	25,166.40	25,904.55
Explosives						
Pipe						
~~Rock~~ Car Sidings		5,902.65	5,902.65		5,902.65	5902.65
Rock Bolting	479.50	3,052.00	3,531.50	479.50	3052.00	3531.50
Core Boxes	13.60	210.80	224.40	13.60	210.80	224.40
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	186.00	181.00	367.00	186.00	181.00	367.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	8,554.25	165,810.45	174,364.70	8554.25	165,810.45	174,364.70

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct. 16, 1959 Payee American Smelting and Refining Co.

Per J. C. Kinnear Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 427.72

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 11/2/59 Vou. No. 2330

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Goldok Title Mining Engr. Date Oct. 22, 1959

APPROVAL BY ~~DMEA~~ OMEX EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wesley L. Agnew Title Acting Exec. Date 10-28-59

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

Revised

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address Box 140, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	6,220.00	155.5	123,340.00	3083.5	40.00	12,485	40.00
~~Crosscutting~~ Timbering	"	738.15	70.3	25,904.55	2467.1	10.50	3,950	10.50
~~Raising~~ Rock Bolting	Each	479.50	137	3,531.50	1009	3.50	4,000	3.50
~~Shafts~~ Car Sidings	Foot			5,902.65	13,117	.45	14,800	.45
~~Winzes~~ DD Stations	"			3,500.00	100	35.00	300	35.00
Drilling: Core AX or Ier.	"	864.60	131	10,921.80	1682	6.49		6.60
~~Chuck~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"	52.40	131	672.80	1682	.40		.40
~~Stripping~~ Core Boxes	Each	13.60	4	224.40	66	3.40	290	3.40
~~Trenching~~ Assaying	Det.	186.00	186	367.00	367	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		8,554.25		174,364.70				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		8,554.25		174,364.70				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Oct. 16, 1959 Operator American Smelting and Refining Company

Per J. C. Kinsey Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Stephen W. Zoldok
Mining Engr.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

SEP 11 1959
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July 1959 Docket No. DMEA 4712 Contract No. [illegible]
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York, N.Y. c/o Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	1,924.42	11,228.65	13,153.07	1924.42	11,228.65	13,153.07
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	3,493.51	79,530.89	83,024.40	3493.51	79,530.89	83024.40
Supervision	152.50	4,450.37	4,602.87	152.50	4450.37	4602.87
Technical Services	169.00	3,600.00	3,769.00	169.00	3600.00	3769.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,143.76	21,716.59	22,860.35	1143.76	22094.59	23238.35
Explosives	895.60	20,200.17	21,095.77	895.60	20200.17	21095.77
Pipe	685.84	21,942.47	22,628.31	685.84	21942.47	22628.31
Track	781.93	9,813.67	10,595.60	781.93	9813.67	10595.60
Other	503.84	12,969.76	13,473.60	503.84	12969.76	13473.60
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	211.90	3,980.88	4,192.78	211.90	3980.88	4192.78
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	377.98	3,747.12	4,125.10	377.98	3747.12	4125.10
Sampling and Analysis	10.00	436.00	446.00	10.00	436.00	446.00
Payroll Taxes	211.54	3,546.78	3,758.32	211.54	3546.78	3758.32
Liability Insurance	68.10	2,073.97	2,142.07	68.10	2073.97	2142.07
Other	4,162.16	78,901.40	83,063.56	4162.16	78901.40	83063.56
(8) Contingencies (specify): Fussion Opens & Maximums				5296.96	103899.57	109296.53
TOTALS	14,792.08	278,138.72	292,930.80	9419.62	174619.15	184038.77

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Aug. 20, 1959 *Payee American Smelting and Refining Co.
Per J. C. Kiesser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4709.81

Signature Dorothy F. Lon
(Authorized Certifying Officer)

Date 9/4/59 Vou. No. 2317
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6 1134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Jolloch Title Mining Eng. Date 8-24-59

APPROVAL BY ~~DMEA~~ BMF EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Sept. 4, 1959

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 195 9 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York, N.Y. c/o Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	10,063.42	149.5	202,991.64	3,233	62.79	12,485	40.00
~~Crosscutting~~ DD Stations	"			5,439.73	116.9 a	46.53	300	35.00
~~Raising~~ Timbering	"	2,575.89	126.8	52,590.90	2,593.9	20.27	3,950	10.50
~~Shafts~~ Rock Bolting	Each	161.59	38	7,217.93	1,445 b	5.00	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.			10,097.12	13,116	.77	14,800	.45
Drilling: Core AX or lar.	Foot	1,924.42	283	13,153.07	2,014	6.53		6.60
~~Churn~~ BX	"						11,855	6.40
~~Auger~~ Incid.	"			636.02	2,014	.32		.40
~~Stripping~~ Core Boxes	Each	56.76	12	358.39	78	4.59	290	3.40
~~Trenching~~ Assaying	Det.	10.00	10	446.00	377	1.18	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		14,792.08		292,930.80				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		14,792.08		292,930.80				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date August 20, 1959 Operator American Smelting and Refining Company

Per J. L. Kieser Title Manager

REMARKS:
a - 100 feet allowable under contract.
b - 1,047 rock bolts allowable under contract.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

8-24-59
Stephen W. Zeldok

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1959 | Docket No. DMEA 4712 | Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company | Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	9201	223756	232957
Bits	14465	343165	357630
Hose and Fittings		35004	35004
Other		1859	1859
Total Drilling	23666	603784	627450
Rock Bolting:			
Bolts 4'		–	
Bolts 6'	7106	309211	316317
Total Rock Bolts	7106	309211	316317
Other Supplies:			
Cap Lamps	1144	20019	21163
Hand Tools	750	14243	14993
Miscellaneous	6297	84458	90755
Total Other Supplies	8191	118720	126911
Power:			
Lighting	194	4054	4248
Auxiliary Ventilation	512	11980	12492
Compressed Air	10715	249227	259942
Total Power	11421	265261	276682
Total Category 3 - Other Supplies	50384	1296976	1347360
Category 7 - Other:			
Underground Haulage	111044	2150406	2261450
Interior Hoisting	–	121500	121500
Main Hoisting	104416	1877511	1981927
Surface Haulage	14520	245746	260266
Drainage	8689	363276	371965
Main Ventilation	1476	162962	164438
Life Insurance	5754	109705	115459
Health and Accident Insurance	21990	404916	426906
Vacation Allowances	24189	413372	437561
Holidays	27150	322099	349249
Pension Accruals	71028	1273691	1344719
Dry Room	3825	119872	123697
First Aid	3906	25885	29791
Medical-Surgical	11515	127443	138958
Timekeeping and Warehouse	6714	171756	178470
Total Category 7 - Other	416216	7890140	8306356

Wallace, Idaho
August 14, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT -- JULY 1959

In the East Page Drive, advance in July was 95.3 feet, for a total to date of 3,020.0 feet. In 714 XCN, advance was 22.7 feet, for a total of 181.5 feet. A new crosscut, 706 XCS, was started, and advance was 31.5 feet. All three openings continued to penetrate dark-grey to purple argillites and light-grey, argillaceous quartzites. The bedding and minor bedding-plane faults strike east and dip north and south. Occasional, discontinuous, quartz stringers less than 3/4 of an inch wide occur along bedding-plane partings.

DDH 30-767N was resumed by a new contractor and advanced from 49 to 332 feet, bringing the total drilling to date to 2,063 feet. The hole penetrated dark-grey to purple argillites and light-grey quartzites and argillaceous quartzites. A strong fault zone was encountered at footage 209.5 to 217.5 and weak fault and breccia zones at footages 152.0 to 154.5 and 224.5 to 225.5. In the last 60 feet of advance, the core from which has not yet been logged, the rock penetrated appears to be made up of a larger proportion of grey to grey-green quartzite, and a smaller proportion of darker, argillaceous rocks.

A plan showing the geology of the work is on Plate 1. Core logs for part of DDH 30-767N are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, Geology of Advance in East Page Drive and DDH 30-767N - - 1" = 50'

Core Logs, DDH 30-767N, 0' to 273'

PAJARI - 202' - N2W -10°

American Smelting and Refining Company

DIAMOND DRILL HOLE LOG

Sheet 1 of

Property: PAGE

Location: 3070 EAST PAGE DRIVE

Coord.-Collar E. 12,327 N. 8,239

Elev.-Collar

Date-Started: June 18/59

Completed

Hole No.: [illegible] 767N

Bearing: N

Inclination: -6°

Length

Core Size: NX

Logged by: SHH - DMF

ASSAYS - SLUDGE: Intercept	WL	DESCRIPTION: LITHOLOGY, ALTERATION, MISC.	RECOVERY: Drill Run	Core	%	FT.	GRAPHIC LOG	<	DESCRIPTION: VEINS, MINERALIZATION, FAULTS	ASSAYS - CORE: Intercept	% Recov
									10.5'-28.0' numerous bedding slips.		
		10.5'-28.0' arg. ppl. to grn. with thin beds of argillaceous qtzite and qtzite, also ppl. in color.	10.5			10					
			14.0	3.0/3.5	86			80	15' bdg. at 80°		
				3.5/4.0	88			65	16' bdg. at 65°		
			18.0								
				5.0/5.0	100	20					
			23.0								
			26.0	2.7/3.0	90						
		28.0'-68.0' dike lt. grey, locally ppl. also thin bands of ppl. & green argillite	28.0	1.5/2.0	75						
			31.0	1.8/2.0	60	30					
			33.0	2.2/2.0	110			75	33' bdg. at 75°		
				3.0/5.0	60						
			38.0								
			41.0	2.6/3.0	87	40		75	40' bdg. at 75°		
			44.0	3.0/3.0	100						
			49.0	4.2/5.0	84						
			51.0	5.0/5.0	100	50					

TO ACCOMPANY Memo
Dated Aug 14/59
By
Filed

ASSAYS - SLUDGE						DESCRIPTION	RECOVERY			FT.	GRAPHIC LOG	∠	DESCRIPTION	ASSAYS - CORE					
Intercept	Wt.	Ag	Pb	Zn	No.	LITHOLOGY, ALTERATION, MISC.	Drill Run	Core	%				VEINS, MINERALIZATION, FAULTS	Intercept	% Recov				
										50									
							51.0 / 52.0	0.9 / 1.0	90										
												80	54.0 bdg. at 80°						
								3.3 / 6.0	55										
							58.0												
49-6:		30x sp.			50'														
								3.7 / 7.0	53	60									
65							65.0												
		0.7	NT	NT	45088		68.0	0.8 / 3.0	27										
70						68.0 - 95.0'	70.0	1.6 / 2.0	80	70									
						Qtzite. lt gry	71.5	1.2 / 1.5	80				71.5 several breccias ± 2"						
						slightly purplish	73.0	1.2 / 1.5	80				shear zone ?						
75						locally argillaceous	75.0	1.8 / 2.0	90										
		Tr	NT	NT	45089		77.0	1.7 / 2.0	85										
							79.0	0.8 / 2.0	40										
80							81.0	1.9 / 2.0	95	80									
							83.0	1.6 / 2.0	80										
							85.0	1.5 / 2.0	75										
							87.0	1.9 / 2.0	95										
							89.0	1.5 / 2.0	75										
							91.0	1.2 / 2.0	60	90									
							94.0	2.5 / 3.0	83										
95						95.0 - 104.0'	95.0	1.3 / 1.0	130										
		"	"	"	45090	Argillite purple and	97.5	1.8 / 2.5	72										
100						greenish gry				100									
		"	"	"	45091			2.0 / 6.5	31										
						104.0 - 143.0'	104.0												
105						Qtzite argillaceous	106.5	1.7 / 2.5	68										
						and argillite,	108.5	1.7 / 2.0	85										
						gray locally purple,				110									
						locally slightly sandy		5.0 / 7.5	67										
115						Argillite predominantly	116.0												
		"	"	"	45092	purple		2.0 / 4.5	44										
120							120.5			120		80	120' bdg. at 80°						

ASSAYS - SLUDGE						DESCRIPTION	RECOVERY			FT.	GRAPHIC LOG	∡	DESCRIPTION	ASSAYS - CORE					
Intercept	Wt.	Ag	Pb	Zn	No	LITHOLOGY, ALTERATION, MISC.	Drill Run	Core	%				VEINS, MINERALIZATION, FAULTS	Intercept	% Recov.				
120							120.5			120									
		T-	NT	NT	45093			1.0/3.0	33										
							123.5												
125								2.4/4.0	60										
							127.5												
								3.0/4.0	75	130		85	130 bdg at 85°						
							131.5												
							132.5	9.0/10.0	90										
135								3.3/5.0	66										
		"	"	"	45094		137.5												
140								1.5/5.0	30	140									
							142.5												
		"	"	"	45095	143.0'-164.0'							143.0-148.0' Shattered						
145						Argillaceous qtzite		3.5/6.0	58				core, some gouge						
						lt grey to purplish	148.5						and breccia						
						Becomes sandy and				150									
						bleached		4.5/6.0	75				152'-154.5' Fault breccia						
						Grades into argillite	154.5												
						at end of int'l.													
								3.5/5.5	64				158.0' bdg at 80°						
												80							
							160.0			160									
								4.0/5.0	80										
						164.0'-175.0'													
						Argillite dark	165.0												
						grey, purple, and		4.2/5.0	84										
						green.	170.0			170			170.0' bdg at 75°						
								3.8/5.0	76										
						175.0-179.0'	175.0												
						Arg. qtzite, lt. grey													
								4.8/5.0	96										
						179.0'-195.0'	180.0			180									
						Argillite and		4.5/5.0	90			10°	181.0' several slickensides						
						arg. qtzite. Purple							at 10°. Small amt.						
						to medium grey	185.0						187.0 scattered gouge						
								3.7/5.0	74										
							190.0			190		70	190.0' bdg. at 70°						

ASSAYS - SLUDGE						DESCRIPTION	RECOVERY			FT.	GRAPHIC LOG		DESCRIPTION	ASSAYS - CORE	
Intercept	Wt.	Ag	Pb	Zn	No.	LITHOLOGY, ALTERATION, MISC.	Drill Run	Core	%			∡	VEINS, MINERALIZATION, FAULTS	Intercept	% Recov.
							190.0			190					
								4.0/5.0	80						
												80° 20°	194.0' Weak flt. at 80°, another at 20°		
						195.0'-245.0' Qtzite Lt. gray to purplish Becomes sandy and argillaceous in last 10 feet.	195.0								
								4.8/5.0	96						
							200.0			200					
								3.5/5.0	70						
							205.0								
								4.3/5.5	78						
							210.5			210		50°	209.5-210.5 Breccia and gge. at 50°(?)		
								1.9/3.5	54						
							214.0						210.5-217.5 Breccia and gge. At 216.0' angle is 20°. Other slickensides, very irreg.		
215								2.5/3.5	71			20°			
		Tr	NT	NT	45096		217.5								
								0.0/3.0	0						
220							220.5			220					
No Sample															
								3.5/5.0	70				224.5-225.5' Frac. and slightly gougey core.		
225							225.5								
		"	"	"	45097			2.0/4.5	44						
230							230.0			230		20°	225.5'-230.5' Intermittent gge and breccia 3" of gritty gge. at 230.5' at 20°		
								1.9/3.5	37						
							233.5						233.0-258.5' weakly frac. core. Occ. gge and slick. 60° at 236.0' 65° at 237.0 2" gritty gge at 239.6' slick. at 65° at 239.5' 3/4" gritty gge at 258.0		
235								2.5/4.0	63						
							237.5					60°			
							240.0	1.7/2.5	68	240					
								3.2/5.5	58						
						245.0' Qtzite Lt. grey. Thin arg. beds at 272.5' and 277.0'. Qtzite locally bleached and sandy	245.5								
245								1.2/4.5	27						
		"	"	"	45098		250.0			250					
250								1.0/3.0	33						
		"	"	"	45099		253.0								
								1.5/5.0	30						
255							258.0								
		"	"	"	45100										
								4.7/5.0	94	260					
260															

ASSAYS - SLUDGE						DESCRIPTION	RECOVERY			FT.	GRAPHIC LOG		DESCRIPTION	ASSAYS - CORE					
Intercept	Wt.					LITHOLOGY, ALTERATION, MISC.	Drill Run	Core	%				VEINS, MINERALIZATION, FAULTS	Intercept	% Recov.				
										260									
							263.0												
								4.6 / 5.0	92				266.0' several Fe stained slick. at 65°						
							268.0												
								4.2 / 4.5	93	270									
							272.5						273.0' Bedding at 65°						
						+ 4.3													
										280									
										290									
										300									
										310									
										320									
						3320													
										330									

Form MF-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

AUG 17 1959
O.M.E.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. c/o Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	1,171.45	10,057.20	11,228.65	1171.45	10,057.20	11228.65
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	3,307.30	76,223.59	79,530.89	3307.30	76,223.59	79530.89
Supervision	145.58	4,304.79	4,450.37	145.58	4304.79	4450.37
Technical Services	338.00	3,262.00	3,600.00	338.00	3262.00	3600.00
(3) Operating Mat'ls. and Supplies:						
Timber	692.11	21,024.48	21,716.59	692.11	21402.48	22094.59
Explosives	933.15	19,267.02	20,200.17	933.15	19267.02	20200.17
Pipe	1,002.78	20,939.69	21,942.47	1002.78	20939.69	21942.47
Track	433.77	9,379.90	9,813.67	433.77	9379.90	9813.67
Other	821.53	12,148.23	12,969.76	821.53	12148.23	12969.76
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	211.90	3,768.98	3,980.88	211.90	3768.98	3980.88
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	533.51	3,213.61	3,747.12	533.51	3213.61	3747.12
Sampling and Analysis	232.50	203.50	436.00	232.50	203.50	436.00
Payroll Taxes	201.12	3,345.66	3,546.78	201.12	3345.66	3546.78
Liability Insurance	81.79	1,992.18	2,073.97	81.79	1992.18	2073.97
Other	3,621.14	75,280.26	78,901.40	3621.14	75280.26	78901.40
(8) Contingencies (specify): Less in Excess of Maximum				211.93	9897.64	10[illegible]897.57
TOTALS	13,727.63	264,411.09	278,138.72	8808.70	165810.45	174619.15

I certify that the above bill is correct and just and that payment therefor has not been received.

Date July 16, 1959 *Payee American Smelting and Refining Co.

Per J. C. Kinsey Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4404.35

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 8/13/59 Vou. No. 2312

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Zoldak Title Mining Engr. Date 7-27-59

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wing L. Agnew Title Acting Exec. Date 8-3-59

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

AUG 17 1959
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y., c/o Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	10,131.78	155.5	192,928.22	3083.5	62.57	12,485	40.00
~~Crosscutting~~ DD Stations	"			5,439.73	116.9a	46.53	300	35.00
~~Raising~~ Timbering	"	1,599.70	70.3	50,015.01	2467.1	20.27	3,950	10.50
~~Shafts~~ Rock Bolting	Each	573.28	137	7,056.34	1407b	5.02	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.			10,097.12	13,116	.77	14,800	.45
Drilling: Core AX or lar.	Foot	1,171.45	180	11,228.65	1731	6.49		6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"		180	636.02	1731	.37		.40
~~Stripping~~ Core Boxes	Each	18.92	4	301.63	66	4.57	290	3.40
~~Trenching~~ Assaying	Det.	232.50	186	436.00	367	1.19	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		13,727.63		278,138.72				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		13,727.63		278,138.72				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date July 16, 1959 Operator American Smelting and Refining Company

Per J. C. Kiesse Title Manager

REMARKS:
a - 100 feet allowable under contract.
b - 1009 rock bolts allowable under contract.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

7-27-59
/s/ Stephen W. Foldoh
Mining Engr.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

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Wallace, Idaho
July 16, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT - JUNE 1959

In the East Page Drive, advance in June was 70.3 feet, bringing the total to date to 2,924.7 feet. In 714 XCN, advance was 85.2 feet, for a total to date of 158.8 feet. The opening continued in dark-grey to purple argillites and argillaceous quartzites. Near the present face, heavy ground occurs under and between two strong faults which strike N. 25° W. and dip about 80° west. The bedding and minor bedding-plane faults strike east and dip north and south. In the crosscut, the rocks are interbedded purple argillites and grey to purplish quartzites and argillaceous quartzites. The attitude of the bedding is the same as in the East Page Drive.

DDH 30-800S was advanced 131.0 feet to 927.0 feet. The core continued to be quartzite, with a strong fault zone between 770 and 837 feet. There is a locus of faulting at 790 to 796 feet and another, stronger, at 819 to 837 feet. Beyond that footage, the rock is somewhat broken, and at 923 feet a second major fault zone was encountered. Mud and rock fragments twice filled the hole to within 200 feet of the collar, and the hole was stopped at 927 feet. The first fault zone is tentatively identified as the Curlew, the second as the Spring.

DDH 30-767N was collared at about 12,325 E. and had been advanced to 49 feet when drilling contractors terminated their operations. Rocks penetrated are purple argillites and grey to purplish quartzites.

Total diamond drilling to date is 1,731.0 feet.

A plan showing the geology of the work is on Plate 1. Core logs for the last part of DDH 30-800S are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments

Plate 1 - Plan, Geology of Advance in East Page Drive and DDH 30-800S - 1" = 50'

Core Log, DDH 30-800S - - - - - - 820' - 927'

DIETZGEN NO. 352 107

Supplement to OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1959 — Docket No. DMEA 4712 — Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company — Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	14353	209403	223756
Bits	18410	324755	343165
Hose and Fittings	7212	27792	35004
Other		1859	1859
Total Drilling	39975	563809	603784
Rock Bolting:			
Bolts 4'			
Bolts 6'	25619	283592	309211
Total Rock Bolts	25619	283592	309211
Other Supplies:			
Cap Lamps	1144	18875	20019
Hand Tools	2646	11597	14243
Miscellaneous	2236	82222	84458
Total Other Supplies	6026	112694	118720
Power:			
Lighting	303	3751	4054
Auxiliary Ventilation	580	11400	11980
Compressed Air	9650	239577	249227
Total Power	10533	254728	265261
Total Category 3 - Other Supplies	82153	1214823	1296976
Category 7 - Other:			
Underground Haulage	91277	2059129	2150406
Interior Hoisting	—	121500	121500
Main Hoisting	81786	1795725	1877511
Surface Haulage	15129	230617	245746
Drainage	13321	349955	363276
Main Ventilation	1612	161350	162962
Life Insurance	5651	104054	109705
Health and Accident Insurance	21475	383441	404916
Vacation Allowances	23359	390013	413372
Holidays	25756	296343	322099
Pension Accruals	66020	1207671	1273691
Dry Room	3644	116228	119872
First Aid	1000	24885	25885
Medical-Surgical	5809	121634	127443
Timekeeping and Warehouse	6275	165481	171756
Total Category 7 - Other	362114	7528026	7890140

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

INTERIM AUDIT CERTIFICATE

I have examined the records and transactions of the:

American Smelting and Refining Company
120 Broadway, New York 5, N. Y.
and
Bar L&O, Wallace, Idaho

pertaining to Exploration Project Contract No. Idm-1114, Docket No. [illegible]-4712, dated September 18, 1957, including Amendment No. 1, covering a project for the exploration of lead and zinc on property known as Page Mine in Yreka Mining District, Shoshone County, Idaho, for the period September 18, 1957 through May 11, 1959.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit disclosed the following facts in regard to the amount to be paid the contractor:

Total cost claimed by Operator			$361,411.09
Exceptions (see Audit Report for details)			
Prior to this audit		$92,632.72	
During this audit:			
Adjustments (prior exceptions)	$ 596.20		
Current	5,549.72		
Additional allowance	- 378.00	5,767.92	98,600.64
Total Accepted Costs			$265,310.45

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Eighty-two thousand nine hundred five and 23/100 Dollars is valid and proper.

Amount payable to Operator	$82,905.23
Amount reimbursed	77,352.15
Balance due Operator	$ 5,553.08

This certificate is issued on the provision that the Regional Executive Officer, the Acting Director, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

C. E. Fisher

C. E. Fisher, Auditor

July 10, 1959

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

INTERIM AUDIT REPORT

I. INTRODUCTION

On June 23, 1959, an interim audit (covering operations for the period September 18, 1957 through May 31, 1959) was made of the records and transactions pertaining to Exploration Project Contract No. Idm-X1131, Docket No. MMA-4712, dated September 18, 1957, including Amendment No. 1, with:

American Smelting and Refining Company
120 Broadway, New York 5, N. Y.
and
Box 440, Wallace, Idaho

covering a project for the exploration of lead and zinc on property known as Page Mine in the Evans Mining District, Shoshone County, Idaho.

The original records pertaining to this contract are in the custody of J. C. Kieffer, manager of the Operator's Northwestern Mining Department. They are maintained by and under the direction of W. J. Murphy, chief accountant, in the Wallace, Idaho office. The records were made available to this auditor by Max C. Wood, assistant chief accountant, whose cooperation greatly assisted in the audit work.

II. GENERAL INFORMATION ON RECORDS

The general books of the company are maintained in their New York office; however, all of the records and documents needed for this interim audit of this exploration contract were available in the Wallace, Idaho office.

The originals of the Operator's Monthly Report and Voucher Forms MF-104 submitted for reimbursement of the Government's contribution to exploration costs are extensively supported by copies of cost documentation. Such documentation includes photocopies of weekly time sheets of each employee engaged on the exploration work. These time sheets include information concerning occupation, pay rates, hours employed, shift differentials, overtime, holiday and vacation pay, together with allocation of total pay to the various items of work on which the employee was engaged. The various deductions for tax withholdings, fringe benefits, etc., are also included on the time sheets. Also submitted are copies of requisitions indicating kinds, quantities, unit costs, total value and place where materials and supplies were used. A depreciation schedule is furnished. In addition, statements

are furnished showing in detail the summarization of the costs and the various bases used in allocating such costs between the various items of work.

Because of the supporting detail available in the OME office, Region I, Spokane, Washington, a considerable amount of the audit work was accomplished in that office and the on-site audit was limited to obtaining some additional information and to making test checks deemed necessary to establish the general propriety and validity of the costs claimed and substantiated by the documentation filed in support of the original Forms NF-104.

III. SCOPE OF AUDIT AND FINDINGS

This contract provides for Government participation in costs of:

(1) underground diamond drilling by independent contractors on basis of actual costs not to exceed specified maximums per foot of drilling,

(2) drifting and crosscutting, including diamond drill stations, timbering, rockbolting and car siding excavations, on basis of actual costs not to exceed specified maximum unit costs for which schedules of costs by categories have been waived, and

(3) incidental allowance for each foot of drilling, core boxes, and assaying based on fixed unit costs for number of units used or accumulated.

This audit was limited to ascertaining the accuracy, propriety and validity of the costs shown in the "Totals to Date" column of the Form NF-104, Operator's Monthly Report and Voucher, and in the "Costs to Date" and the "Units to Date" columns of the Form NF-104A, Operator's Unit Cost and Progress Report, for the month of May 1959.

The bases used by the Operator in determining and distributing costs applicable to the exploration project are explained under each category in this section of this report and have been accepted as fair and equitable. The audit has resulted in some adjustments in allocations to work items, corrections in prior allowances and disallowances by the Regional office, and additional disallowances. These changes are summarized in Exhibit "A" attached to this report, and are more fully explained in the remainder of this report.

The amounts reported in the "Totals to Date" column of the May 1959 Form NF-104, previous disallowances, transfers between categories of costs, and adjustments and disallowances by this audit are discussed below:

Fixed Unit Costs

Item	Costs			
	Claimed	Transfers	Excess	Accepted
Sampling and Analysis	-0-	$ 203.50	$22.50	$ 181.00
Core Boxes	-0-	282.71	71.91	210.80
Incidentals	-0-	636.02	15.62	620.40

Costs applicable to the above-listed "Fixed Unit Cost" items were claimed by the Operator under categories (2), (3) and (7). Accepted costs are determined as follows:

Sampling and Analysis - 181 determinations @ $1.00 each
Core Boxes - 62 core boxes @ $3.40 per box
Incidentals - 1551 feet of drilling @ $0.40 per foot

This auditor explained to the Operator's representative during the on-site audit that paragraph (f), Article 13 (Annex II), of the contract provided that the rates for "Fixed Unit Cost" items set forth in Exhibit "A" of the contract were predetermined unit rates allowable for work performed and that such rates were properly includable in costs irrespective of what the Operator's cost accounting might develop as the actual costs. It was agreed that future charges for unit cost items would be claimed on Form MW-104 at the above unit rates.

(1) Independent Contracts

Boyles Bros. Drilling Company, Salt Lake City, Utah, is the drilling contractor on this project. A total of 1,551 feet of acceptable AX core drilling had been completed through May 1959 at a cost of $10,057.20. This averaged $6.48 per foot of drilling and is less than the $6.60 per foot maximum rate specified in Exhibit "A" of the contract. Averaging of drilling costs is authorized in Annex II of the contract.

The claimed costs are found to be acceptable and the amount of $276.20 disallowed by the Field Team in approving the February 1959 voucher is now allowed for inclusion in acceptable costs.

(2) Labor and Supervision

Labor

Work Item	Costs		
	Claimed	Transfers	Accepted
Drifting/Crosscutting	$51,068.39	$ 359.00	$51,419.39
Timbering	17,342.25		17,342.25
Rock bolting	2,581.45		2,581.45
Car sidings	3,427.38	(359.00)	3,068.38
Diamond Drill Stations	1,662.78		1,662.78
Incidentals	149.34	*(149.34)	
Totals	$76,223.59	$(149.34)	$76,074.25

*Transferred to Fixed Unit Costs

The above labor costs cover face labor only, which has been allocated on the basis of the time records of the employees involved. Labor costs of haulage, hoisting, drainage and ventilation are included and explained under Category (7) Miscellaneous.

Wages paid to employees other than executive, supervisory, technical, professional and clerical employees, are governed by agreement between the Operator and Local No. 18, International Union Mine, Mill and Smelter Workers. Drift miners employed on the project are contract miners and are compensated at contract rates or at rates established by the union agreement, whichever is greater. Wages are paid each week based on measurements of work accomplished.

Supervision

Work Item	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$2,966.71	$ 21.32	$2,988.03
Timbering	977.95		977.95
Rock bolting	100.44		100.44
Car sidings	169.72	(21.32)	148.40
Diamond Drill Stations	83.57		83.57
Incidentals	6.40	*(6.40)	
Totals	$4,304.79	$ (6.40)	$4,298.39

*Transferred to Fixed Unit Costs

Claimed costs included in this sub-category represent portions of total salaries of superintendents and shift bosses assigned to exploration costs on basis of ratio of number of shifts used in the exploration work to total general labor shifts during the month. Allocation between work items is made on basis of face labor costs during the month.

Technical Services

Work Item	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$3,071.17	$ 5.93	$3,077.10
Car Sidings	106.44	(5.93)	100.51
Diamond Drill Stations	84.39		84.39
Totals	$3,262.00	-0-	$3,262.00

Claimed costs under this sub-category represent direct charges for services of engineers and geologists for the time actually devoted to work on the project. Allocation between work items is made on basis of relative number of cubic feet of work accomplished during the month.

(3) Operating Materials and Supplies

Timber

Claimed costs applicable to this sub-category aggregating $21,084.48 represent the value of stulls, lagging, and other materials used in timbering drifts and crosscuts. The costs are charged to work item Timbering.

An additional allowance of $379.00 is made under this sub-category to adjust for improper deductions made by the Operator on Forms WP-324 for January and April 1958 relating to costs of 108 rock bolts replaced by timbering.

Explosives

Work Items	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$17,439.17	$ 121.16	$17,560.33
Car Sidings	1,257.61	(121.16)	1,136.45
Diamond Drill Stations	570.84		570.84
Totals	$19,267.62	-0-	$19,267.62

Claimed costs included in this sub-category represent the value of powder, caps, fuses, etc., used in the exploration work. The allocation between the work items is made on basis of relative number of cubic feet of work accomplished during the month.

Pipe

Work Items	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$18,904.91	$ 395.39	$19,300.80
Car Sidings	1,532.54	(395.89)	1,136.65
Diamond Drill Stations	502.84		502.84
Totals	$20,939.69	-0-	$20,939.69

Claimed costs included in this sub-category represent the value of air and water pipe and necessary fittings. Allocation of costs between the work items is also made on the basis of relative number of cubic feet of work accomplished during the month.

Track

Work Items	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$ 8,574.60	$ 50.65	$ 8,625.25
Car Sidings	567.06	(50.65)	516.41
Diamond Drill Stations	238.84		238.84
Totals	$ 9,379.90	-0-	$ 9,379.90

Claimed costs for this sub-category represent the value of rail, fittings, switches, ties, etc., used in installing tracks in the exploration project. The allocation between work items is based on relative number of cubic feet of work accomplished during the month.

Other

Work Items	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$ 7,877.63	$ 77.64	$ 7,955.27
Timbering	86.54		86.54
Rock bolting	2,835.92		2,835.92
Car Sidings	472.51	(77.64)	393.87
Diamond Drill Stations	230.22		230.22
Core Houses	892.71	*(892.71)	
Incidentals	423.70	*(423.70)	
Totals	[illegible]	$ (706.41)	[illegible]

*Transferred to Fixed Unit Costs

The claimed costs applicable to this sub-category are further subdivided by items as follows:

Item		Amount
Drill rods, bits, etc.		$ 5,638.09
Rock Bolts		2,835.92
Cap Lamps		188.75
Hand Tools		115.97
Miscellaneous		*822.22
Power:		
Lighting	$ 37.51	
Auxiliary Ventilation	114.00	
Compressed Air	[illegible]	[illegible]
Totals		[illegible]

*Includes $706.41 transferred to Fixed Unit Costs

The cost of rock bolts are allocated directly to work item Rock Bolting. Cost of nails used in connection with timbering are allocated to work item Timbering. All of the other claimed costs included in this sub-category are allocated to work items Drifting/Crosscutting, Car Sidings and Diamond Drill Stations each month on basis of relative number of cubic feet of work accomplished during the month.

Power. The monthly bill for electric power is first distributed between work items Lighting, Auxiliary Ventilation, Compressed Air, Underground Haulage, Main Hoisting, Surface Hoisting, Pumping, Main Ventilation and Dry Room. The portion distributed to Lighting is allocated on basis of relative number of lamps used in the exploration to total number of lamps serviced. The portion distributed to Auxiliary Ventilation is allocated

on basis of relative number of shifts worked. The portion distributed to Compressed Air is allocated on basis of relative number of tons of ore and waste and supplies hauled. Included in the Compressed Air cost under this sub-category is a portion of cost of labor and supplies expended in operating the air compressor determined on the same basis.

(4) Operating Equipment

Rental
Purchase

These sub-categories are not applicable to this contract.

Depreciation

Work Items	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$ 3,488.18	$ 31.33	$ 3,519.51
Car Sidings	189.77	(31.33)	158.44
Diamond Drill Stations	91.03		91.03
Totals	$ 3,768.98	-0-	$ 3,768.98

The claimed costs applicable to this sub-category represent accruals for depreciation, on a 60-month basis, applicable to the following items of equipment used in the exploration:

Equipment	Acquired	Cost	Months Used	Depreciation
Gould Battery	10-57	$2,615	14	$ 610.12
Exide Battery	12-58	4,685	6	468.48
21B Rinco Mucker	8-56	4,525	20	1,508.38
CD-93 Drifter	10-57	1,744	20	581.60
IR-DS-35 Drifter	10-57	1,820	20	606.60
Total				$ 3,768.98

The allocation of charges between work items is based on the relative number of cubic feet of work accomplished during the month.

In addition to the above listed equipment, the Operator has reported that other equipment, as follows, has been used on the exploration work without a depreciation charge being included in costs:

Baldwin-Westinghouse Locomotive
1 - Jumbo
2 - American Car Transfers
1 - CD-124 Stoper
1 - Impact Wrench
1 - Aluminum Jim Crow
1 - TN 815 Ventilation Fan
16 - Crosby Ore Cars

(5) Initial Rehabilitation and Repairs

These categories are not applicable to this contract.

(6) New Buildings, Improvements, Etc.

These categories are not applicable to this contract.

(7) Miscellaneous

Repairs to Equipment

Work Items	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$ 2,908.39	$ 5.57	$ 2,914.16
Rock Bolting	174.48		174.48
Car Sidings	45.83	(5.57)	40.26
Diamond Drill Stations	84.73		84.73
Totals	$ 3,213.43	-0-	$ 3,213.43

Claimed costs under this sub-category represent the cost of labor and materials used in repairs to equipment used on the exploration project.

The charge to work item Rock Bolting represents the cost of material used in repairs to the impact wrench and the stoper. The remaining claimed costs for repair materials were allocated to the various work items on basis of relative number of cubic feet of work accomplished during the month.

Payroll Taxes

Work Items	Costs Claimed	Transfers	Accepted
Drifting/Crosscutting	$ 2,323.95	$ 16.10	$ 2,340.05
Timbering	757.04		757.04
Rock Bolting	64.17		64.17
Car Sidings	124.80	(16.10)	108.70
Diamond Drill Stations	68.63		68.63
Incidentals	7.07	*(7.07)	
Totals	$ 3,345.66	$ (7.07)	$ 3,338.59

*Transferred to Fixed Unit Costs

The amount of Federal and State of Idaho social security tax accruals during a month are first divided between those applicable to the exploration and those applicable to other company operations on basis of the ratio of costs of direct labor during the month on the project to total costs of distributed labor during that month, that is, exclusive of vacation and holiday pay, dry room, first aid, timekeeping, and warehouse labor costs. Amounts determined as related to costs of the exploration are then allocated to the various work items on the basis of labor costs during the month.

Liability Insurance

Work Items	Costs Claimed	Costs Transferred	Costs Accepted
Drifting/Crosscutting	$ 1,381.18	$ 10.60	$ 1,391.78
Timbering	415.54		415.54
Rock Bolting	67.94		67.94
Car Sidings	87.68	(10.60)	77.08
Diamond Drill Stations	37.07		37.07
Incidentals	2.77	*(2.77)	
Totals	$ 1,991.18	$ (2.77)	$ 1,989.41

*Transferred to Fixed Unit Costs

The Operator is self-insured with respect to liability under the Workmen's Compensation Act. Monthly accruals to establish a reserve for the fund are based on labor costs during the month. Amounts determined to be applicable to exploration costs are allocated between the various work items on the basis of direct labor costs during the month.

Other

Work Items	Costs Claimed	Costs Transferred	Costs Accepted
Drifting/Crosscutting	$62,799.96	$ 498.04	$63,298.00
Timbering	6,278.28		6,278.28
Rock Bolting	658.66		658.66
Car Sidings	3,710.01	(498.04)	3,211.97
Diamond Drill Stations	1,786.61		1,786.61
Incidentals	46.74	*(46.74)	
Totals	$75,280.26	$ (46.74)	$75,233.52

*Transferred to Fixed Unit Costs

The above-claimed costs are comprised of various items as detailed below:

	Items	Claimed Costs
1.	Underground Haulage	$20,591.89
2.	Interior Hoisting	1,215.00
3.	Main Hoisting	17,957.85
4.	Surface Haulage	2,306.17
5.	Drainage	3,499.55
6.	Main Ventilation	1,613.50
7.	Life Insurance	1,040.54
8.	Health and Accident Insurance	3,834.41
9.	Vacation Allowance	3,900.13
10.	Holidays	2,963.43
11.	Pension Accruals	12,076.71
12.	Dry Room	1,162.28
13.	First Aid	48.85
14.	Medical-Surgical	1,836.34
15.	Timekeeping and Warehouse	1,654.81
	Total	$75,280.26

The Operator determines the total cost of labor, materials, electric power and other expenses each month applicable to each of items 1 to 6 above. Such costs are then divided between those applicable to the exploration and those applicable to other mining operations. The allocation for items 1 to 4 is made on basis of relative number of tons of ore and waste and supplies transported. For item 5 it is based on gallons of water pumped and for item 6 it is based on number of underground shifts worked. The distribution to work items is based on number of cubic feet of work accomplished.

The Operator's total monthly cost for items 7 to 15 are allocated to exploration costs on basis of face labor costs. Apportionment to work items is made on the same basis.

Life Insurance is carried with Metropolitan Life Insurance Company. The entire cost is assumed by the Operator. Each employee is insured for $500.00 after three months service. The policy increases $100.00 for each year of service to a maximum of $1,500.00.

Health and Accident Insurance is carried with Lincoln National Insurance Company. It is non-occupational, includes employees and members of their families, the employees contribute to the cost and the plan is administered jointly by the company and the union.

Vacation Allowance. The agreement with the union provides for paid vacations for employees based on length of service.

Holidays. The agreement with the union provides for 7 paid holidays per year.

Pension Accruals. All employees participate in the Operator's pension plan which is maintained through the Metropolitan Life Insurance Company and provides for normal retirement at age 65.

Additional Adjustment

When settlement was made with the Operator covering claimed costs for April 1958, an amount of $300.00 was withheld from the amount otherwise determined as due to the Operator. This withholding was made pending agreement upon the value of rock bolts properly includable in costs for Government participation. The amount thus withheld from payment was subsequently allowed in the settlements for February and March 1959.

The matter of cost of rock bolts acceptable for Government participation was settled and attempt was made to adjust the account in settlement of the November 1958 voucher. Certain proper deductions from claimed costs on that voucher were determined as outlined in the authorized Certifying Officer's letter dated January 5, 1959 to the Operator; however, the amount properly deductable was reduced by an amount of $300.00 representing the April 1958 withholding. Thus, acceptable costs were erroneously increased in the latter amount.

The amount of $300.00 improperly included in accepted costs in settlement of the November 1958 voucher is disallowed by this audit.

Other Observations

The following tabulation shows the units and costs claimed by the Operator on Form MF-104A for May 1959 (except for diamond drilling and items of fixed unit costs), together with such units and costs as are by this audit found to be acceptable for Government participation:

Work Item	Claimed Units	Claimed Costs	Acceptable Units	Acceptable Costs
Drifting and/or crosscutting @ $40.00/ft.	2,928	$182,796.44	2,928	$117,120.00
Diamond drill stations @ $35.00/ft.	116.9	5,439.73	100	3,500.00
Timbering drifts and crosscuts @ $10.50/ft.	2,396.8	48,415.31	2,396.8	25,166.40
Rock bolting @ $3.50/bolt	1,270	6,483.06	872	3,052.00
Car sidings @ $0.45/cu.ft.	13,116	10,097.12	13,117	5,902.65

Drifting and Crosscutting: An amount of $1,593.23 representing cost of enlarging drifts to accommodate necessary timbering was improperly charged to Timbering in February 1958, by lump sum transfer from work item Car Sidings. The amount is now transferred to drifting and crosscutting, increasing the costs applicable to such work item to $184,389.67.

Diamond Drill Stations. Two stations have been completed. The GMK Field Team, Region 1, has disallowed 16.9 feet of the work as excessive.

Timbering. As mentioned above, the costs applicable to this work item have been reduced in the amount of $1,593.23 by lump sum transfer to Drifting and Crosscutting. In addition, the costs of this work item have been increased $378.00 to adjust for improper deductions made on the January and April 1958 vouchers for acceptable costs of 108 rock bolts which were replaced by timbering. These adjustments have reduced the costs applicable to this work item to $47,200.88.

Rock Bolting. Amendment No. 1 to the contract provides that the number of rock bolts used to support ground in lieu of timbering shall not exceed an average of 7 bolts per 5 linear feet section averaged over "fully bolted" sections. It has been the practice for a representative of the Field Team to make periodic reports showing allowable number of rock bolts in place at the time of his inspection. The latest inspection was made on April 10, 1959, when it was determined that 872 rock bolts were allowable at that date.

Car Sidings. One additional cubic foot has been allowed applicable to this work item to adjust an error made by the Operator in carrying forward the "Units to Date" from the January to the February 1958, Form MF-104A.

IV. CONCLUSIONS

The audit disclosed that all costs claimed, after adjustment for $378.00 improperly deducted from costs of timbering, and the deduction of disallowances relating to costs in excess of acceptable costs under terms of the contract aggregating $98,978.64 as itemized in the preceding section of this report, are reasonable and proper under the terms of the contract.

The adjustments between "Items of Cost" as shown on the May 1959 Form MF-104, and between "Costs to Date" as shown on the May 1959 Form MF-104A, the disallowances, and the accepted costs as disclosed by this audit are summarized in Exhibit "A" attached hereto.

This contract contains numerous items and costs designated as maximums. The status of these maximums, after deductions of the disallowances discussed in Section III of this report, is summarized as follows:

Item	Maximums	Accepted
Diamond Drilling	11,855 ft.	1,551 ft.
AX size or larger	$ 6.60/ft.	$ 6.48/ft.
BX size	$ 6.40/ft.	none to date
Drifting/Crosscutting	12,485 ft.	2,928 ft.
Unit cost	$ 40.00/ft.	$ 40.00/ft.
Diamond Drill Stations	300 ft.	100 ft.
Unit cost	$ 35.00/ft.	$ 35.00/ft.
Timbering	3,950 ft.	2,396.8 ft.
Unit cost	10.50/ft.	$ 10.50/ft.
Rock Bolting*	4,000 bolts	872 bolts
Unit cost	$ 3.50/bolt	$ 3.50 bolt
Car Sidings	14,300 cu. ft.	13,117 cu. ft.
Unit cost	$ 0.45/cu. ft.	$ 0.45 cu. ft.

*Amendment No. 1 limits the number of rock bolts to support ground to 7 bolts per 5 linear foot section averaged over "fully bolted" sections. This limitation has not been exceeded.

C. E. Fisher

C. E. Fisher, Auditor

July 10, 1959

EXTRA COPY
O. M. E.
RECEIVED AUG 14 1959
DATE | INITIALS | CODE
800

Co. 137 Howard Street
Spokane 4, Washington
August 11, 1959

Mr. S. Norman Masten, Manager
Northwestern Mining Department
American Smelting and Refining Co.
P. O. Box 440
Wallace, Idaho

Re: Docket No. DSSA-4712 (Lead-Zinc)
East Page Mine
Shoshone County, Idaho
Contract No. Ida-X1134

Dear Mr. Masten:

Enclosed for your information and files is a copy of an Audit Certificate and Audit Report covering a project for the exploration of lead and zinc at the East Page mine during the period September 18, 1957, through May 31, 1959.

The audit discloses that there was a balance of $5,953.08 due your company as of May 31, 1959. This amount was paid July 17, 1959.

Sincerely yours,

Donald R. MacLaren
For: A. E. Weissenborn
Executive Officer, OME
Field Team Region I

Enclosure

cc: OME(2)
CAA
UTM(2)
UTM(AI)

1201 N. Division St.
Spokane 2, Washington

July 17, 1959

EXTRA COPY
O. M. E.
RECEIVED JUL 20 1959

DATE	INITIALS	CODE
		800

Mr. J. C. Kieffer, Manager
American Smelting & Refining Company
Northwestern Mining Department
Wallace, Idaho

Re: Docket No. DMEA-4712 (lead-zinc)
East Page Mine
Contract No. Idm-E1134
Monthly operating report for
May 1959

Dear Mr. Kieffer:

The attached copy of a memorandum to the Field Team from the Certifying Officer, Region I, will explain the adjustments on your Operator's Monthly Report and Voucher for May 1959.

By Field Team, Region I

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

cc: OME (2)
USGS (2)
AD

OME Field Team, Region I

July 16, 1959

OME Certifying Officer, Region I

American Smelting and Refining Co., Contract IAm-E1134
Monthly operating report for May 1959

The subject monthly operating report has been processed and forwarded to the Disbursing Officer for payment.

The following adjustments have been made on Form MF-104:

		Adjustments Prior	Adjustments May 1959
Drifting/crosscutting			
Claimed - May	$10,217.95		
Allowable	6,320.00		$3,897.95
Timbering			
Claimed - May	3,098.92		
Allowable	1,563.45		1,535.47
Rock Bolting			
Claimed to date	6,483.06		
Previous Disallow.	2,846.56		
	3,636.50		
872 bolts allowed	3,052.00	584.50	
AX Core Drilling			
Claimed to date	10,057.20		
Previous Disallow.	276.20		
	9,781.00		
1551 ft. allowed	10,057.20	(276.20)	
Core Boxes			
Claimed - May	118.25		
Allowable	85.00		33.25
Incidentals			
Claimed -May	282.20		
Allowable	204.40		77.80
Claimed - Previous	353.02		
Allowable	416.00		
Paid	386.65	(29.35)	

Sampling			
Claimed - May	$ 12.25		
Allowable	7.00		5.25
Claimed - Previous	191.25		
Allowable	174.00	17.25	
Improper allowance on Nov. 1958 voucher		300.00	
		$596.20	$5,549.72
			596.20
Total Disallowance			$6,145.92

Timbering costs have been increased $378.00 to adjust for improper deductions made on the January and April 1958 vouchers for acceptable costs of 108 rock bolts which were replaced by timbering.

The above adjustments are in line with the audit recently completed.

Dorothy Long

cc: OME (2)
USGS (2)
Contract Admin. & Audit Div. (2)
AD

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

JUL 23 1959 O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. c/o box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	3,144.50	6,912.70	10,057.20	3144.50	6912.70	10057.20
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	3,896.01	72,327.58	76,223.59	3896.01	72327.58	76223.59
Supervision	250.69	4,054.10	4,304.79	250.69	4054.10	4304.79
Technical Services	266.00	2,996.00	3,262.00	266.00	2996.00	3262.00
(3) Operating Mat'ls. and Supplies:						
Adjusted to audit Timber	1,356.73	19,667.75	21,024.48	378.00 1356.73	19667.75	21402.48
Explosives	965.05	18,301.97	19,267.02	965.05	18301.97	19267.02
Pipe	719.93	20,219.76	20,939.69	719.93	20219.76	20939.69
Track	719.03	8,660.87	9,379.90	719.03	8660.87	9379.90
Other	720.40	11,427.83	12,148.23	720.40	11427.83	12148.23
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	211.90	3,557.08	3,768.98	211.90	3557.08	3768.98
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	116.62	3,096.99	3,213.61	116.62	3096.99	3213.61
Sampling and Analysis	12.25	191.25	203.50	12.25	191.25	203.50
Payroll Taxes	229.24	3,116.42	3,345.66	229.24	3116.42	3345.66
Liability Insurance	91.18	1,901.00	1,992.18	91.18	1901.00	1992.18
Other	4,174.54	71,105.72	75,280.26	4174.54	71105.72	75280.26
(8) Contingencies (specify):						
Reclassification of expense by Mojinnera				414.58	92333.72	92748.64
TOTALS	16,874.07	247,537.02	264,411.09	11106.15	154704.30	165810.45

I certify that the above bill is correct and just and that payment therefor has not been received.

Date June 18, 1959 *Payee American Smelting and Refining Co.

Per J. C. Kieager Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

5553.08

$ 5553.08

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 7/15/59 Vou. No. 2204

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Golek Title Mining Engr. Date June 24, 1959

APPROVAL BY ~~DMEA~~ OMEX EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date July 14, 1959

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting - Crosscutting	Foot	10,217.95	158.0	182,796.44	2928	62.43	12,485	40.00
~~Crosscutting~~ DD Stations	"			5,439.73	116.9a	46.53	300	35.00
~~Raising~~ Timbering	"	3,098.92	148.9	48,415.31	2396.8	20.20	3,950	10.50
~~Shafts~~ Rock Bolting	Each			6,483.06	1270b	5.10	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.			10,097.12	13,116	.77	14,800	.45
Drilling: Core AX or lar.	Foot	3,144.50	511	10,057.20	1551	6.48	)	6.60
~~Churn~~ EX	"						)11,855	6.40
~~Auger~~ Incid.	"	282.20		636.02		.41	)	.40
~~Stripping~~ Core Boxes	Each	118.25	25	282.71	62	4.56	290	3.40
~~Trenching~~ Assaying	Det.	12.25	7	203.50	181	1.12	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		16,874.07		264,411.09				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		16,874.07		264,411.09				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date June 18, 1959 Operator American Smelting and Refining Company

Per D. L. Kresser Title Manager

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

REMARKS:
a - 100 feet allowable under contract.
b - 872 rock bolts allowable under contract.

(For Government use only)

/s/ Stephen W. Zoldok, Mining Engr.
June 22, 1959

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

OME Field Team, Region I

July 16, 1959

OME Certifying Officer, Region I

American Smelting and Refining Co., Contract Idm-E1134
Monthly operating report for May 1959

The subject monthly operating report has been processed and forwarded to the Disbursing Officer for payment.

The following adjustments have been made on Form MF-104:

		Adjustments	
		Prior	May 1959
Drifting/crosscutting			
Claimed - May	$10,217.95		
Allowable	6,320.00		$3,897.95
Timbering			
Claimed - May	3,098.92		
Allowable	1,563.45		1,535.47
Rock Bolting			
Claimed to date	6,483.06		
Previous Disallow.	2,846.56		
	3,636.50		
872 bolts allowed	3,092.00	584.50	
AX Core Drilling			
Claimed to date	10,057.20		
Previous Disallow.	276.20		
	9,781.00		
1551 ft. allowed	10,057.20	(276.20)	
Core Boxes			
Claimed - May	118.25		
Allowable	85.00		33.25
Incidentals			
Claimed -May	282.20		
Allowable	204.40		77.80
Claimed - Previous	353.82		
Allowable	416.00		
Paid	386.65	(29.35)	

Sampling			
Claimed - May	$ 12.25		
Allowable	7.00		5.25
Claimed - Previous	191.25		
Allowable	174.00	17.25	
Improper allowance on Nov. 1958 voucher		300.00	
		$596.20	$5,549.72
			596.20
Total Disallowance			$6,145.92

Timbering costs have been increased $378.00 to adjust for improper deductions made on the January and April 1958 vouchers for acceptable costs of 108 rock bolts which were replaced by timbering.

The above adjustments are in line with the audit recently completed.

Dorothy Long

cc: OME (2)
USGS (2)
Contract Admin. & Audit Div. (2)
AD

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 23 1959

DATE	INITIALS	CODE

Wallace, Idaho
June 15, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE UNIT
EAST PAGE PROJECT
PROGRESS REPORT - MAY 1959

In the 3070 East Page Drive, advance in May was 84.4 feet, for a total of 2,854.4 feet to date. A crosscut, 714 XCN, was turned off at approximate coordinate 12,880 E. and advanced 73.6 feet. The main drive continued in dark-grey to purplish argillites and argillaceous quartzites, with no appreciable change in bedding attitudes. Bedding plane faults are numerous but discontinuous. The crosscut exposed grey to purplish argillites with occasional thin beds of argillaceous quartzite.

DDH 30-880S advanced 511.0 feet to footage 796.0, bringing the total diamond drilling in the project to 1,551.0 feet. Light-grey quartzites with minor local thin beds of argillite were cut. The angle between bedding and core varies between 65° and 80°. Narrow quartz stringers, some of which are mineralized with coarse pyrite, occur between footages 429 and 650. Silicification was observed in the general vicinity of the quartz. Occasional minor faults were logged with faults of some significance at footages 495 to 507, 544 to 546, 567 to 572.

A plan showing the geology of the work is on Plate 1. Core logs for the relevant portion of the drill hole are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, Geology of Advance in East Page Drive and DDH 30-800S - - - - 1" = 50'

Core Log, DDH 30-800S - - - - - - - - - 260' - 820'

Supplement To OPERATOR'S MONTHLY REPORT [illegible] VOUCHER

Month of May, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	7463	201940	209403
Bits	6575	318180	324755
Hose and Fittings		27792	27792
Other		1859	1859
Total Drilling	14038	549771	563809
Rock Bolting:			
Bolts 4'			
Bolts 6'		283592	283592
Total Rock Bolts		283592	283592
Other Supplies:			
Cap Lamps	1001	17874	18875
Hand Tools	1676	9921	11597
Miscellaneous	40762	41460	82222
Total Other Supplies	43439	69255	112694
Power:			
Lighting	291	3460	3751
Auxiliary Ventilation	863	10537	11400
Compressed Air	13409	226168	239577
Total Power	14563	240165	254728
Total Category 3 - Other Supplies	72040	1142783	1214823
Category 7 - Other:			
Underground Haulage	119711	193418	205129
Interior Hoisting		121500	121500
Main Hoisting	110764	168461	179525
Surface Haulage	15838	214779	230617
Drainage	11906	338049	349955
Main Ventilation	2552	158798	161350
Life Insurance	6813	97241	104054
Health and Accident Insurance	26711	356730	383441
Vacation Allowances	27675	362338	390013
Holidays	776	295567	296343
Pension Accruals	77334	1130337	1207671
Dry Room	4830	111398	116228
First Aid	-24	24909	24885
Medical-Surgical	4963	116671	121634
Timekeeping and Warehouse	7605	157876	165481
Total Category 7 - Other	417454	7119572	7528026

JUL 10 1963

Memorandum

To: Acting Director

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: Docket No. DMEA-4712 (Lead-Zinc)
American Smelting & Refining Company
Contract No. Ida-E1134

and

Docket No. DMEA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Contract No. Ida-E1213

A July 6 communication from Clarence A. Fisher, who is in Region I for the purpose of performing required royalty and interim cost audits, contains the following comment on Contract Ida-E1134, Docket DMEA-4712, American Smelting and Refining Company:

"I am now deep in the A.S. & R. cost audit report and hope to have it ready by the end of the week. I believe consideration should be given to converting that contract to a unit cost basis. All costs, except contract diamond drilling, have proven to be greatly in excess of the rates allowable for Government participation. There does not seem to be any chance of the costs coming down during the remaining period of the contract. This would save a great amount of accounting effort for both the Operator and the Government."

Your consideration of Mr. Fisher's suggestion is solicited and recommended. Amendment of this contract to provide for contribution by the Government on the basis of fixed unit costs, rather than actual costs not in excess of maximum unit costs, appears amply justified by the budgetary situation. Funds for auditors' travel and per diem have been stringently curtailed; and cost audits of large companies such as A.S. & R. are time consuming and expensive. Furthermore, I understand that the budgetary situation may require the elimination of one of this Division's present staff of two auditors.

Consideration of a similar amendment for Contract Ida-E1213, Docket DMEA-4981, New Park Mining Company, also seems appropriate.

The June 3, 1959, interim audit report of Donald T. Finch, discloses that the actual costs of drifting are far in excess of the maximum unit costs allowable for contribution by the Government. The total actual cost of 173.5 feet of drifting through March 31, 1959, was $12,121.66, whereas the allowable cost was only $7,307.50 at the maximum rate of $45.00 a foot provided by the contract.

The travel and per diem expenses of Mr. Fisher's trip to Region I will total approximately $370.00; however, the interim audit of A.S. & R. was only an incidental of the trip, which was primarily for urgent royalty audits of Taylor-Knapp, Bunker Hill, and others. On the other hand, Mr. Finch's trip from Denver to Salt Lake City cost $177.13 for travel and per diem and was solely for the interim audit of New Park. Either trip from Washington for a final audit will cost several hundred dollars more.

EDTalbert/ama
July 10, 1959

Copy to; Docket
Director's Reading File
CA & A Division - E1218

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

JUN 8 1959
O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. c/o Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	1,991.20	4,921.50	6,912.70	1991.20	4921.50	6912.70
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	4,995.75	67,331.83	72,327.58	4995.75	67331.83	72327.58
Supervision	250.45	3,803.65	4,054.10	250.45	3803.65	4054.10
Technical Services	348.00	2,648.00	2,996.00	348.00	2648.00	2996.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,860.53	17,807.22	19,667.75	1860.53	17807.22	19667.75
Explosives	1,185.74	17,116.23	18,301.97	1185.74	17116.23	18301.97
Pipe	952.23	19,267.53	20,219.76	952.23	19267.53	20219.76
Track	479.40	8,181.47	8,660.87	479.40	8181.47	8660.87
Other	710.02	10,717.81	11,427.83	710.02	10717.81	11427.83
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	211.90	3,345.18	3,557.08	211.90	3345.18	3557.08
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	577.62	2,519.37	3,096.99	577.62	2519.37	3096.99
Sampling and Analysis	86.25	105.00	191.25	86.25	105.00	191.25
Payroll Taxes	264.57	2,851.85	3,116.42	264.57	2851.85	3116.42
Liability Insurance	104.36	1,796.64	1,901.00	104.36	1796.64	1901.00
Other	4,149.92	66,955.80	71,105.72	4149.92	66955.80	71105.72
(8) Contingencies (specify):						
Less in place						
J. Mapinian				6559.35	273.37	9283.72
TOTALS	18,167.94	229,369.08	247,537.02	11608.59	143095.71	154704.30

I certify that the above bill is correct and just and that payment therefor has not been received.

Date May 15, 1959 *Payee American Smelting and Refining Company

Per J. L. Kieser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 5804.30

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 6/2/59 Vou. No. 2298

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6 1134 in accordance with the terms of the contract.

Signature /s/ Stephen W. Jordak Title Mining Engr. Date May 20, 1959

APPROVAL BY ~~DMEA~~ ONE EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date May 22, 1959

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 195 9 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. c/o Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	12,417.47	184.8	172,578.49	2770	62.30	12,485	40.00
~~Crosscutting~~ DD Stations	"			5,439.73	116.9a	46.53	300	35.00
~~Raising~~ Timbering	"	3,454.12	184.8	45,316.39	2247.9	20.16	3,950	10.50
~~Shafts~~ Rock Bolting	Each			6,483.06	1270.b	5.10	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.			10,097.12	13,116	.77	14,800	.45
Drilling: Core AX or lar.	Foot	1,991.20	285	6,912.70	1,040	6.65		6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"	144.34		353.82		.34		.40
~~Stripping~~ Core Boxes	Each	74.56	16	164.46	37	4.44	290	3.40
~~Trenching~~ Assaying	Det.	86.25	69	191.25	174	1.10	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		18,167.94		247,537.02				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		18,167.94		247,537.02				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date May 15, 1959 Operator American Smelting and Refining Company

Per J. C. Kiesser Title Manager

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

REMARKS:
a - 100 feet allowable under contract.
b - 872 Rock Bolts allowable under contract.

(Instructions on reverse)

(For Government use only)

5-20-59
/s/ Stephen W. Goldok
Mining Engr.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
May 18, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
EAST PAGE PROJECT
PROGRESS REPORT - APRIL 1959

In the 3070 East Page Drive, advance in April was 184.8 feet, for a total of 2,770.0 feet to date. In the early part of the advance, the rocks continue to be purplish, argillaceous quartzites and argillites, making heavy ground underneath a northerly-striking fault which dips flatly to the west. The rocks gradually become more quartzose until, after 100 feet advance, they are predominantly grey quartzites with minor, purple-banded, argillaceous quartzites. The bedding and minor bedding-plane faults generally strike east and dip north and south. A number of minor faults striking N. 45° W. to N. 20° E. and dipping steeply west are exposed. (Please see Plate 1.)

In DDH 30-823N, the fault zone from 401 to 413 feet presented such difficulties that no further advance could be made, and the hole was stopped at 755 feet.

DDH 30-800S was collared at about coordinate 11,990 E. and drilled southerly for 285.0 feet, bringing total diamond drill advance for the project to 1,040 feet. Between the collar and 117 feet, there is a change from green and purple quartzite and argillaceous quartzite (St. Regis?) to predominantly light-grey, dense quartzite (Revett?). A shattered zone, with some gouge, at footage 220 to 229 feet is the only significant structure encountered.

A plan of the drill hole is shown on Plate 1 and core logs for the relevant portion of the hole are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, Geology of Advance
in East Page Drive and in DDH 30-800S - - - 1" = 50'
Core Log, DDH 30-800S - - - - - - - - - - - - 0' - 290'

DIETZGEN NO 352-107

Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	13520	188420	201940
Bits	20305	297875	318180
Hose and Fittings		27792	27792
Other		1859	1859
Total Drilling	33825	515946	549771
Rock Bolting:			
Bolts 4'			
Bolts 6'		283592	283592
Total Rock Bolts		283592	283592
Other Supplies:			
Cap Lamps	1001	16873	17874
Hand Tools	4482	5439	9921
Miscellaneous	15881	25579	41460
Total Other Supplies	21364	47891	69255
Power:			
Lighting	319	3141	3460
Auxiliary Ventilation	936	9601	10537
Compressed Air	14558	211610	226168
Total Power	15813	224352	240165
Total Category 3 - Other Supplies	71002	1071781	1142783
Category 7 - Other:			
Underground Haulage	119920	1819498	1939418
Interior Hoisting	-	121500	121500
Main Hoisting	95408	1589553	1684961
Surface Haulage	16962	197817	214779
Drainage	13534	324515	338049
Main Ventilation	5174	153624	158798
Life Insurance	6920	90321	97241
Health and Accident Insurance	28140	328590	356730
Vacation Allowances	29388	332950	362338
Holidays	-	295567	295567
Pension Accruals	78818	1051519	1130337
Dry Room	4218	107180	111398
First Aid	1200	23709	24909
Medical-Surgical	7789	108882	116671
Timekeeping and Warehouse	7521	150355	157876
Total Category 7 - Other	414992	6695580	7110572

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

MAY 11 1959 O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	2,018.50	2,903.00	4,921.50	2018.50	2903.00	4921.50
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	4,983.31	62,348.52	67,331.83	4983.31	62348.52	67331.83
Supervision	231.48	3,572.17	3,803.65	231.48	3572.17	3803.65
Technical Services	281.00	2,367.00	2,648.00	281.00	2367.00	2648.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,547.69	16,259.53	17,807.22	1547.69	16259.53	17807.22
Explosives	761.19	16,355.04	17,116.23	761.19	16355.04	17116.23
Pipe	843.78	18,423.75	19,267.53	843.78	18423.75	19267.53
Track	410.62	7,770.85	8,181.47	410.62	7770.85	8181.47
Other	273.56	10,444.25	10,717.81	273.56	10444.25	10717.81
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	211.90	3,133.28	3,345.18	211.90	3133.28	3345.18
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	400.56	2,118.81	2,519.37	400.56	2118.81	2519.37
Sampling and Analysis	12.00	93.00	105.00	12.00	93.00	105.00
Payroll Taxes	273.56	2,578.29	2,851.85	273.56	2578.29	2851.85
Liability Insurance	93.73	1,702.91	1,796.64	93.73	1702.91	1796.64
Other	3,268.37	63,687.43	66,955.80	3268.37	63687.43	66955.80
(8) Contingencies (specify): Less in Gross of Mo. Opinion				6275.06	79948.31	86223.37
TOTALS	15,611.25	213,757.83	229,369.08	9336.19	133759.52	143095.71

I certify that the above bill is correct and just and that payment therefor has not been received.

Date April 16, 1959 Payee American Smelting and Refining Co.

Per J. L. Hieron Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

4668.09
150.00
4818.09 $ 4818.09

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 5/7/59 Vou. No. 2292
(See other side)

$150.00 Bal due on funds withheld from Nov. Mp-104.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6134 in accordance with the terms of the contract.

Signature /s/ Eric L. Erickson Title Mining Engr. Date 4/27/59

APPROVAL BY ~~DMEA~~ CME EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wm. L. Agnew Title Acting Exec. Date 5-7-59

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. % Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting - Crosscutting	Foot	10,162.38	143.3	160,161.02	2585.2	61.95	12,485	40.00
~~Crosscutting~~ DD Stations	"			5,439.73	116.9a	46.53	300	35.00
~~Raising~~ Timbering	"	3,344.41	143.3	41,862.27	2063.1	20.29	3,950	10.50
~~Shafts~~ Rock Bolting	Each			6,483.06	1270b	5.10	4,000	3.50
~~Winzes~~ Car Sidings	Cu Ft			10,097.12	13,116	.77	14,800	.45
Drilling: ~~Core~~ AX or Lar.	Foot	2,018.50	357	4,921.50	755	6.52		6.60
~~Churn~~ EX	"						11,855	6.40
~~Augers~~ Incid.	"	48.64		209.48		.28		.40
~~Stripping~~ Core Boxes	Each	25.32	6	89.90	21	4.28	290	3.40
~~Trenching~~ Assaying	Det.	12.00	12	105.00	105	1.00	4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		15,611.25		229,369.08				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		15,611.25		229,369.08				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Apr. 16, 1959 Operator American Smelting and Refining Company

Per [signature] Title Manager

REMARKS: a - 100 feet allowable under contract.

b - 872 Rock Bolts allowable under contract.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Eric L. Erickson, 4/22/59

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
April 14, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - MARCH 1959

In the 3070 level East Page Drive, advance in March was 143.3 feet, for a total of 2,585.2 feet to date. The heading advanced through thin-bedded, purple argillites and argillaceous quartzites which in the present face strike S. 85° E. and dip 88° north. The strongest of the numerous cross faults encountered strikes north, dips 26° west and consists of up to one foot of gouge and brecciated wall rock. Penetration of the fault showed no change in the strike of the bedding but revealed an abrupt change in dip from 65° south in the hanging wall to 88° north in the footwall. (Please see Plate 1.)

DDH 30-823N was advanced 357.0 feet to 755.0 feet from the collar. 'A' casing was placed to 629 feet, and 'AX' core recovered from that point. Caving at 664 feet made additional casing necessary, so the casing was pulled to permit reaming, which was in progress at the end of the month.

A zone of strong faulting was encountered between 401 and 413 feet, and intermittent evidence of less important faulting is logged from 434 to 465 feet and at 515 and 710 feet. Beyond the major fault, the rock is predominantly quartzite, with narrow argillaceous sections. Tentatively it is considered that the rocks south of the fault are of the St. Regis formation and those north belong to the Revett. About two feet of basic dyke were encountered at 697 feet. A plan of the drill hole is shown on Plate 2, and core logs for the relevant portion of the hole are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments

Plate 1 - Plan, Geology of Advance in East Page Drive - 1" = 50'
Plate 2 - Plan, Geology of Advance in DDH 30-823N - - 1" = 50'
Plate 3 - Core Log, DDH 30-823N - - - - - - - - - - - - - 400' - 755'

DIETZGEN NO 352 107

Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	3938	184482	188420
Bits	5550	292325	297875
Hose and Fittings		27792	27792
Other		1859	1859
Total Drilling	9488	506458	515946
Rock Bolting:			
Bolts 4'			
Bolts 6'		283592	283592
Total Rock Bolts		283592	283592
Other Supplies:			
Cap Lamps	1001	15872	16873
Hand Tools	753	4686	5439
Miscellaneous	3426	22153	25579
Total Other Supplies	5180	42711	47891
Power:			
Lighting	223	2918	3141
Auxiliary Ventilation	906	8695	9601
Compressed Air	11559	200051	211610
Total Power	12688	211664	224352
Total Category 3 - Other Supplies	27356	1044425	1071781
Category 7 - Other:			
Underground Haulage	89727	1729771	1819498
Interior Hoisting		121500	121500
Main Hoisting	72316	1517237	1589553
Surface Haulage	10202	187615	197817
Drainage	12805	311710	324515
Main Ventilation	2845	150779	153624
Life Insurance	5637	84684	90321
Health and Accident Insurance	23183	305407	328590
Vacation Allowances	23947	309003	332950
Holidays		295567	295567
Pension Accruals	63019	988500	1051519
Dry Room	9431	97749	107180
First Aid	526	23183	23709
Medical-Surgical	7203	101679	108882
Timekeeping and Warehouse	5996	144359	150355
Total Category 7 - Other	326837	6368743	6695580

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
1201 N. Division St.
Spokane 2, Washington

April 15, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 17 1959
DATE INITIALS
4/17 C
220
800

AIR MAIL

MEMORANDUM

To: E. D. Talbert,
Acting Chief, Contract Administration and Audit Division

From: Authorized Certifying Officer, OME

Subject: Docket No. DMEA-4712 (lead-zinc)
American Smelting and Refining Company
Contract No. Idm-E1134

With reference to your letter of April 13, relative to the February Mf-104 for the subject contract, it was the intent of the Field Team to release the $300.00 withheld from the April 1958 Mf-104.

It is apparent now an error was made on the November Mf-104 when I attempted to release the $300.00. This $300.00 was erroneously deducted from the "excess over allowable maximums". This should have been a separate transaction and the full amount released to AS&R.

On the February Mf-104 I was in error in changing the Operator's "Monthly Total" and "Totals to Date" when I deleted the 16.9 feet for diamond drill stations. This, of course, resulted in a different figure for "excess of maximum" than the figure you show. I figured the excess on the Operator's cost of 26.1 feet or $1166.93 rather than the $1922.49 claimed by the Operator.

I concur with the computation set forth in your letter and have changed the approved totals on my copy of the February 1959 Mf-104 accordingly. The $150.00 due the Operator will be released on the next voucher submitted.

Dorothy Long

Dorothy Long

APR. 13 [illegible]

[illegible]

Memorandum

To: Mrs. Dorothy Lange, Authorized Certifying Officer, [illegible]

From: E. D. Talbert (Signed) E. D. Talbert
Acting Chief, Contract Administration and Audit Division

Subject: Contract No. [illegible] (Lockheed)
Operation Building and Maintenance Company
Contract No. [illegible]

In reviewing the subject Operator's February 1959 [illegible], it is noted that the amount certified for payment is $[illegible], thereby [illegible] in [illegible] of the $[illegible] indicated as the "Approved Monthly Total".

Furthermore, the back up [illegible] of the three actions of approved totals (monthly, previously reported, and to date, respectively) are shown as follows:

Loss in excess of maximum	$ [illegible]	$ [illegible]	$ [illegible]
Totals	[illegible]	[illegible]	[illegible]

In correcting the addition of the "Approved Monthly Total" column and in showing the correct "Approved Totals Previously Reported" ([illegible] from the "Approved Totals to Date" shown on the January 1959 [illegible]) this [illegible] copy of the February 1959 [illegible] has been changed to show the following approved totals:

Loss in excess of maximum	$ [illegible]	$ [illegible]	$ [illegible]
Totals	[illegible]	[illegible]	[illegible]

According to our records the status of this account is now:

Claimed "Totals to Date"	$[illegible]
Loss in excess of maximum	[illegible]
Approved "Totals to Date"	[illegible]
Government Re-Negotiation (70%)	[illegible]
Paid to Operator	[illegible]
Balance due Operator	[illegible]

The above computation is on the premise that it was the intent of the Field Team to substitute the $[illegible] claimed (from the Government's

[illegible] participation) in the payment of the April 1959 [illegible]. It appears that, in some manner, the withholding from payment on a [illegible] basis has been combined or [illegible] on a [illegible] basis.

Your advice as to concurrence or exception to the foregoing would be appreciated.

EDTalbert/GMcC
April 13, 1959

cc: Docket
Director's Reading File
CA & A Division
Mr. A. E. Weissenborn, OSE Field Team, Region I

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1959 Docket No. DMEA 4712 Contract No. DMEA 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $660,206 Government Participation: 50 % Amount, $330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	2,322.00	581.00	2,903.00	2322.00	581.00	2903.00
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	4,962.13	57,386.39	62,348.52	4962.13	57386.39	62348.52
Supervision	234.82	3,337.35	3,572.17	234.82	3337.35	3572.17
Technical Services	253.00	2,114.00	2,367.00	253.00	2114.00	2367.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,488.01	14,771.52	16,259.53	1488.01	14771.52	16259.53
Explosives	1,175.29	15,179.75	16,355.04	1175.29	15179.75	16355.04
Pipe	1,117.49	17,306.26	18,423.75	1117.49	17306.26	18423.75
Track	483.37	7,287.48	7,770.85	483.37	7287.48	7770.85
Other	410.88	10,033.37	10,444.25	410.88	10033.37	10444.25
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	211.90	2,921.38	3,133.28	211.90	2921.38	3133.28
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	195.85	1,922.96	2,118.81	195.85	1922.96	2118.81
Sampling and Analysis	93.00		93.00	93.00		93.00
Payroll Taxes	242.12	2,336.17	2,578.29	242.12	2336.17	2578.29
Liability Insurance	101.64	1,601.27	1,702.91	101.64	1601.27	1702.91
Other	4,484.78	59,202.65	63,687.43	4484.78	59202.65	63687.43
(8) Contingencies (specify):						
Loss in Stores				[illegible]	[illegible]	[illegible]
of Merchandise				6965.75	72577.00	79542.75
					123704.55	133759.54
TOTALS	17,776.28	195,981.55	213,757.83	10054.97	123404.55	133459.52

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 3/16/59 *Payee American Smelting and Refining Co.

Per J. L. Kinsor Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 5177.46

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 4/6/59 Vou. No. 2287

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. R1134 in accordance with the terms of the contract.

Signature /s/ Eric H. Erickson Title Mining Engr. Date 3/24/59

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec Officer Date April 1, 1959

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

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The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 140, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
		1166.93		46 84.17				
Drifting ~~Crosscutting~~	Foot	9,343.79	131.7	149,998.64	2441.9	61.43	12,485	40.00
~~Crosscutting~~ ID Stations	"	~~1,922.49~~	26.1 ~~43.0~~	~~5,439.73~~	100 ~~116.9~~	46.53	300	35.00
~~Raising~~ Timbering	"	3,755.19	131.7	38,517.86	1919.8	20.06	3,950	10.50
~~Stopes~~ Rock Bolting	Each			6,483.06	1270*	5.10	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.	246.26	347	10,097.12	13,116	.77	14,800	.45
Drilling: ~~Core~~ AX	Foot	2,322.00	284	2,903.00	398	7.29		6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incld.	"	34.47		160.84		.40		.40
~~Stripping~~ Core Boxes	Each	59.08	14	64.58	15	4.31	290	3.40
~~Trenching~~ Assaying	Det.	93.00	93	93.00	93	1.00	4,200	1.00
Test Pits								
Roads and Trails								
		17,020.72		213,002.27				
TOTAL DISTRIBUTED COSTS		~~17,776.28~~		~~213,757.83~~				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		~~17,776.28~~		~~213,757.83~~				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 3-26-59 Operator American Smelting and Refining Company

Per J. L. Kinsor Title Manager

REMARKS: *872 Rock Bolts allowable under contract.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Eric L. Erickson, 3/24/59

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

OME Field Team, Region I

April 6, 1959

OME Certifying Officer, Region I

American Smelting and Refining Company, Contract No. Idm-K1134
Monthly operating report for February 1959

The subject monthly operating report has been processed and forwarded to the Disbursing Officer for payment.

We have deleted 16.9 feet for diamond drill stations. Under the terms of the contract, the footage allowable to date is 100 feet or, 4 drill stations at 25-foot maximum each.

Dorothy F. Lang

cc: OME (2)
USGS (2)
Contract Admin. & Audit Div. (2)
EGE
USGM (AD)

EXTRA COPY
O. M. E.
RECEIVED APR 10 1959
DATE
CODE

Wallace, Idaho
March 17, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE PROJECT
PROGRESS REPORT - FEBRUARY 1959

In the 3070 level East Page Drive, advance for February was 131.7 feet for a total of 2,441.9 feet to date. The heading encountered light-grey to purple, argillaceous quartzites which easterly become greenish in color. Numerous chloritic stringers parallel the bedding which in the present face strikes S. 85° E. and dips 85° South. (Please see Plate 1.)

The diamond drill station at approximate coordinate 12,325 E. (767 XCN) was advanced 11.7 feet to completion at 35.6 feet. The station at approximate coordinate 12,480 E. (751 XCS) was advanced 31.3 feet to completion. Rocks exposed are essentially the same as in adjacent portions of the drive.

DDH 30-823N was advanced 284.0 feet for a total of 398.0 feet to date. The hole penetrates predominantly light-grey to purple, argillaceous quartzites with interbedded argillites and quartzites. Locally the rock is sandy, moderately bleached and sericitized. Moderately strong fault zones were encountered at the following footages:

176.0' to 200.0'
228.0' to 247.0'
325.0' to 330.0'

A strong fault occurs at 331.0 feet with the rock being highly fractured through the remainder of the advance. Caving from 320 feet necessitated reaming and casing was placed to 336 feet. Caving beyond that point was caught up by the liberal application of rod grease. No significant mineralization was intersected. Plate 2 is a plan of the drill hole. Core logs for the relevant portion of the hole are also attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Attachments:

Plate 1 - Plan, Geology of Advance in East Page Drive - 1" = 50'
Plate 2 - Plan, Geology of Advance in DDH 30-823N - - - 1" = 50'
Core Log, DDH 30-823N - - - - - - - - - - - - - 120' to 400'

DIETZGEN NO 352-107

Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	11450	173032	184482
Bits	7473	284852	292325
Hose and Fittings		27792	27792
Other		1859	1859
Total Drilling	18923	487535	506458
Rock Bolting:			
Bolts 4'			
Bolts 6'		283592	283592
Total Rock Bolts	-	283592	283592
Other Supplies:			
Cap Lamps	1001	14871	15872
Hand Tools	2138	2548	4686
Miscellaneous	5908	16245	22153
Total Other Supplies	9047	33664	42711
Power:			
Lighting	207	2711	2918
Auxiliary Ventilation	582	8113	8695
Compressed Air	12329	187722	200051
Total Power	13118	198546	211664
Total Category 3 - Other Supplies	41088	1003337	1044425
Category 7 - Other:			
Underground Haulage	129013	1600758	1729771
Interior Hoisting	-	121500	121500
Main Hoisting	82498	1434739	1517237
Surface Haulage	9314	178301	187615
Drainage	15319	296391	311710
Main Ventilation	6586	144193	150779
Life Insurance	6251	78433	84684
Health and Accident Insurance	26818	278589	305407
Vacation Allowances	26862	282141	309003
Holidays	32365	263202	295567
Pension Accruals	70596	917904	988500
Dry Room	17809	79940	97749
First Aid	3194	19989	23183
Medical-Surgical	11507	90172	101679
Timekeeping and Warehouse	10346	134013	144359
Total Category 7 - Other	448478	5920265	6368743

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

MAR 12 1959

Month of January 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N. Y. % Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50% Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	581.00		581.00	581.00	—	581.00
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	6,103.87	51,282.52	57,386.39	6103.87	51,282.52	57386.39
Supervision	252.60	3,084.75	3,337.35	252.60	3,084.75	3337.35
Technical Services	233.00	1,881.00	2,114.00	233.00	1881.00	2114.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,735.61	13,035.91	14,771.52	1735.61	13035.91	14771.52
Explosives	1,447.45	13,732.30	15,179.75	1447.45	13732.30	15179.75
Pipe	926.18	16,380.08	17,306.26	926.18	16380.08	17306.26
Track	533.39	6,754.09	7,287.48	533.39	6754.09	7287.48
Other	489.61	9,543.76	10,033.37	489.61	9543.76	10033.37
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	211.90	2,709.48	2,921.38	211.90	2709.48	2921.38
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	400.66	1,522.30	1,922.96	400.66	1522.30	1922.96
Sampling and Analysis						
Payroll Taxes	288.35	2,047.82	2,336.17	288.35	2047.82	2336.17
Liability Insurance	120.91	1,480.36	1,601.27	120.91	1480.36	1601.27
Other	4,973.91	54,228.74	59,202.65	4973.91	54,228.74	59202.65
(8) Contingencies (specify): Less Lin. Opens to Maximum				7782.44	64542.11	72299.07
TOTALS	18,298.44	177,683.11	195,981.55	10563.55	113,141.00	123704.55

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Feb. 20, 1959 *Payee American Smelting and Refining Company

Per J. L. Kiesser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 5281.78

Signature Dorothy F. Fong
(Authorized Certifying Officer)

Date 3/5/59 Vou. No. 22783

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 61134 in accordance with the terms of the contract.

Signature /s/ Eric L. Erickson Title Mining Engr. Date 7/24/59

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date March 3, 1959

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952); however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and Zinc

Address 120 Broadway, New York 5, N.Y. % Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting—Crosscutting	Foot	12,062.98	175.8	140,654.85	2310.2	60.88	12,485	40.00
~~Crosscutting~~ DD Station	"	1,110.37	25.7	3,517.24	73.9	47.59	300	35.00
~~Raising~~ Timbering	"	4,113.60	175.8	34,762.67	1788.1	19.44	3,950	10.50
~~Shafts~~ Rock Bolting	Each	59.84		6,483.06	1270*	5.10	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.	238.78	347	9,850.86	12,769	.77	14,800	.45
Drilling: ~~Core~~ AX	Foot	581.00	114	581.00	114	5.10		6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"	126.37		126.37		1.11		.40
~~Stripping~~ Core Boxes	Each	5.50	1	5.50	1	5.50	290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		18,298.44		195,981.55				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		18,298.44		195,981.55				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Feb. 20, 1959 Operator American Smelting and Refining Company

Per J. L. Kinsey Title Manager

REMARKS: * 872 Rock Bolts allowable under contract

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Eric L. Erickson, 7/24/59

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

DIETZGEN - NO. 352-107

Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January - 1959 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	4498	168534	173032
Bits	18212	266640	284852
Hose and Fittings		27792	27792
Other		1859	1859
Total Drilling	22710	464825	487535
Rock Bolting:			
Bolts 4'			
Bolts 6'	5984	277608	283592
Total Rock Bolts	5984	277608	283592
Other Supplies:			
Cap Lamps	1001	13870	14871
Hand Tools	941	1607	2548
Miscellaneous	8232	8013	16245
Total Other Supplies	10174	23490	33664
Power:			
Lighting	210	2501	2711
Auxiliary Ventilation	639	7474	8113
Compressed Air	9244	178478	187722
Total Power	10093	188453	198546
Total Category 3 - Other Supplies	48961	954376	1003337
Category 7 - Other:			
Underground Haulage	134914	1465844	1600758
Interior Hoisting		121500	121500
Main Hoisting	98105	1336634	1434739
Surface Haulage	11616	166685	178301
Drainage	28748	290307	296371
Main Ventilation	6248	137945	144193
Life Insurance	6915	71518	78433
Health and Accident Insurance	29584	249005	278589
Vacation Allowances	29785	252356	282141
Holidays	36708	226494	263202
Pension Accruals	78286	839618	917904
Dry Room	15206	64734	79940
First Aid	169	19820	19989
Medical-Surgical	9636	80536	90172
Timekeeping and Warehouse	11471	122542	134013
Total Category 7 - Other	497391	5422874	5920265

Wallace, Idaho
February 20, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE PROJECT
PROGRESS REPORT - JANUARY 1959

In the 3070 East Page Drive, advance for January was 175.8 feet for a total of 2,134.4 feet to date. The heading cuts light-grey to purple argillites which locally are moderately bleached and sericitized. The bedding and numerous bedding-plane faults strike approximately N. 85° E. and dip 85° to 88° North. The rock is cut by several sets of well developed joints and numerous cross faults. The strongest of these faults, exposed approximately 80 feet west of the present face, strikes north and dips 80° West. The structure consists of up to 2 feet of slightly chloritic, gritty gouge with heavy smears of dark-green to grey gouge on both walls. Several 1/4- to 1/2-inch wide, lenticular, quartz-siderite stringers occur along bedding-plane partings. (Please see Plate 1.)

The diamond drill station at 11,990 E, 800 XCS, was advanced 5.1 feet to a total of 28.3 feet, to fulfill the requirements of the drillers for a 20-foot pull. The rocks are essentially the same as in the main drive.

The diamond drill station at 12,325 E, 767 XCS, was driven 23.9 feet. The rocks in the crosscut are essentially as in the main drive.

DDH 30-823N was collared at the face of 823 XN and advanced 114.0 feet. (Please see Plate 2.) The rocks penetrated are purple argillite and light-grey to purple, argillaceous quartzites, which locally are moderately bleached and sericitized. The bedding is generally at 75° to 80° to the core, but varies from 65° to 85°. Core recovery was relatively poor to 61 feet, averaging 61%. However, there was no positive evidence of faulting or shearing and it is presumed that the softer portions of the rock were washed out. Sludge sampling was not begun until 80 feet, but there is no evidence in the core of the proximity of veining or mineralization. Between footage 61 and 114.5, core recovery was much better, approximating 100%. By inadvertence, all the sludge from 80 feet was assayed and that for 110 to 115 feet showed 3.6 oz. Ag per ton. This is believed to be because of the use of a dirty bag, and in the future, new or laundered bags will be used. However, the core from this section will be split and assayed.

The core log for the drilling advance is attached.

Respectfully submitted,
Original Signed by
S. N. KESTEN
S. NORMAN KESTEN

Attachments: Plate 1 - Plan, Advance in East Page Drive - - 1" = 50'
Plate 2 - Plan, Advance in DDH 30-823N - - - 1" = 50'
Core Log, DDH 30-823N - - - - - - - 0' to 120'

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

FEB 2 1959 U.M.E.

Month of December, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	6,165.20	45,117.32	51,282.52	6165.20	45117.32	51282.52
Supervision	270.88	2,813.87	3,084.75	270.88	2813.87	3084.75
Technical Services	139.00	1,742.00	1,881.00	139.00	1742.00	1881.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,916.39	11,119.52	13,035.91	1916.39	11119.52	13035.91
Explosives	1,163.89	12,568.41	13,732.30	1163.89	12568.41	13732.30
Pipe	2,203.57	14,176.51	16,380.08	2203.57	14176.51	16380.08
Track	668.26	6,085.83	6,754.09	668.26	6085.83	6754.09
Other	638.54	8,905.22	9,543.76	638.64	8905.22	9543.76
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	211.90	2,497.58	2,709.48	211.90	2497.58	2709.48
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	53.21	1,469.09	1,522.30	53.21	1469.09	1522.30
Sampling and Analysis						
Payroll Taxes	144.54	1,903.28	2,047.82	144.54	1903.28	2047.82
Liability Insurance	143.86	1,336.50	1,480.36	143.86	1336.50	1480.36
Other	5,331.34	49,126.04	54,457.38	5102.70	49126.04	54228.74
(8) Contingencies (specify): Less in Excess of Maximum				5438.04	52 20[illegible]	64[illegible]
TOTALS	19,050.58	158,861.17	177,911.75	10483.80	102657.20	113141.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date January 16, 1959 Payee American Smelting and Refining Company

Per J. L. Kinsor Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 5241.90

Signature Dorothy F. Fong
(Authorized Certifying Officer)

Date 1/23/59 Vou. No. 2274

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6 1134 in accordance with the terms of the contract.

Signature /s/ Eric L. Erickson Title Mining Engr. Date 1/21/59

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date 1/22/59

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February, 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

FEB 2 1959 M.E.

Month of December 1958 Docket No. DMEA 4712 Contract No. ILH-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and Zinc

Address 120 Broadway, New York 5, N. Y. & Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	14 190.54 ~~14,419.18~~	207.6	128 591.87 ~~128,820.51~~	2134.4	60.35	12,485	40.00
Crosscutting D.D. Station	"			2,406.87	48.2	49.94	300	35.00
Raising Timbering	"	4,273.30	207.6	30,649.07	1612.3	19.01	3,950	10.50
Shafts Rock Bolting	Each	358.10	-	6,423.22	1270*	5.06	4,000	3.50
Winzes Car Sidings	Cu.Ft.			9,612.08	12,422	.77	14,800	.45
Drilling: ~~Core~~ AX	Foot						)	6.60
~~Churn~~ EX	"						)11,855	6.40
~~Auger~~ Incid.	"						)	.40
Stripping Core Boxes	Each						290	3.40
Trenching Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		18 821.94 ~~19,050.58~~		177 683.11 ~~177,911.75~~				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		18 821.94 ~~19,050.58~~		177 683.11 ~~177,911.75~~				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date January 16, 1959 Operator American Smelting and Refining Company

Per D. L. Kinsey Title Manager

REMARKS: * 872 Rock Bolts Allowable under contract

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Eric L. Erickson, Mining Engr.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
January 20, 1959

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE PROJECT
PROGRESS REPORT - DECEMBER 1958

In the 3070 East Page Drive, advance for December was 207.6 feet for a total of 2,134.4 feet to date. The heading encountered light-grey to purple argillites and argillaceous quartzites which locally are highly sericitized and moderately bleached. The bedding and numerous weak to moderate bedding-plane faults strike N. 85° E. and dip steeply to the north. The rock is highly fractured and cut by a well developed set of joints and numerous cross faults. The strongest of these faults, exposed several feet west of the last face mapped, strikes N. 60° W. and dips 35° SW. Two basic dikes, 6 inches to 14 inches wide, striking N. 20° E. and N. 20° W. lying nearly vertical, were encountered early in the advance. These dikes may be the downward extension of the group of dikes that is exposed on the extreme east end of the Tony vein on and above the 2565 intermediate level. Several 1/4-inch to 1/2-inch wide, discontinuous, quartz-siderite stringers occur along bedding-plane partings.

A 50-scale map showing the geology of the advance is attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

GME Field Team, Region I

January 26, 1959

GME Certifying Officer, Region I

American Smelting and Refining Company, Contract No. IAm-2113A
Monthly operating report for December 1958

The subject monthly operating report has been processed and forwarded to the Disbursing Officer for payment.

The sum of $[illegible].64 has been deleted from Category 7, Miscellaneous (Other). According to the work papers submitted, the total costs of Drainage for the month was $[illegible]1.00, which was the amount charged on the MF-104. Only .0513% or $18.36 of this amount should have been charged to the GME project and the balance, $[illegible].64 charged to the Operator's "Other Mine".

Dorothy F. Long

cc: GME (2)
USGS (2)
Contract Admin. & Audit Div. (2)✓
EGE
AD

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

O.M.E.

Month of November, 1958 Docket No. DMEA 1712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. % Box 448, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50% Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	5,436.16	39,681.16	45,117.32	5436.16	39681.16	45117.32
Supervision	358.75	2,455.12	2,813.87	358.75	2455.12	2813.87
Technical Services	102.00	1,640.00	1,742.00	102.00	1640.00	1742.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,088.10	10,031.42	11,119.52	1088.10	10031.42	11119.52
Explosives	998.08	11,570.33	12,568.41	998.08	11570.33	12568.41
Pipe	989.39	13,187.12	14,176.51	989.39	13187.12	14176.51
Track	435.58	5,650.25	6,085.83	435.58	5650.25	6085.83
Other	1,487.76	7,417.46	8,905.22	1487.76	7417.46	8905.22
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	2,319.18	2,497.58	178.40	2319.18	2497.58
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	160.17	1,308.92	1,469.09	160.17	1308.92	1469.09
Sampling and Analysis						
Payroll Taxes	152.53	1,750.75	1,903.28	152.53	1750.75	1903.28
Liability Insurance	127.60	1,208.90	1,336.50	127.60	1208.90	1336.50
Other	4,395.19	44,730.85	49,126.04	4395.19	44730.85	49126.04
(8) Contingencies (specify): Less in excess of Maximum				7224.91	48978.06	56203.97
TOTALS	15,909.71	142,951.46	158,861.17	8682.80	93974.40	102657.20

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Dec. 18, 1958 *Payee American Smelting and Refining Company

Per J. L. Kinser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4314.40

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 1/8/59 Vou. No. 2269

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 61134 in accordance with the terms of the contract.

Signature /s/ Eric G. Erickson Title Mining Eng. Date 12/29/58

APPROVAL BY ~~DMEA~~ ONE EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Jan 7, 1959

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

JAN 15 1959 O.M.E.

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and Zinc

Address 120 Broadway, New York 5, N. Y. % Box 440, Wallace, Idaho

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting ~~Crosscutting~~	Foot	9,492.15	136.0	114,401.33	1,926.8	59.37	12,485	40.00
Crosscutting ~~DD Stations~~	"	1,153.94	23.2	2,406.87	48.2	49.94	300	35.00
Raising ~~Timbering~~	"	3,952.31	136.0	26,375.77	1,404.7	18.78	3,950	10.50
Shafts ~~Rock Bolting~~	Each	1,091.88*		6,065.12	577*	10.51	4,000	3.50
Winzes ~~Car Sidings~~	Cu.Ft.	219.43	315	9,612.08	12,422	.77	14,800	.45
Drilling: Core ~~AX~~	Foot							6.60
Churn ~~Ex~~	"						11,855	6.40
Auger ~~Incid.~~	"							.40
Stripping ~~Core Boxes~~	Each						290	3.40
Trenching ~~Assaying~~	Det.						4,200	1.00
Test Pits								
Roads and Trails								
Total Distributed Costs		15,909.71		158,861.17				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		~~15,909.71~~		~~158,861.17~~				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Dec. 18, 1958 Operator American Smelting And Refining Company

Per J. L. Kinsor Title Manager

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Remarks: *324 Rock Bolts used on D.D. station and 823 X-Cut designated as a car siding.

*
188 + 23 = 211 ÷ 5 = 42.2 X 7 = 295.4

Allow 295 bolts
+ 577
Total bolts to date 872

(For Government use only)

15/ Eric H. Erickson, 12/29/58

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
December 19, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE PROJECT
PROGRESS REPORT - NOVEMBER 1958

In the 3070 East Page Drive, advance for November was 136.0 feet for a total of 1,926.8 feet to date. The drive exposes light-purple to grey, medium-grained argillaceous quartzite, which is well sericitized and strongly bleached. A few, very thin, discontinuous, quartz-siderite stringers occur along bedding-plane partings. The bedding and a few, weak, bedding-plane faults strike N. 85° E., and dip steeply to the north. Cross faulting is relatively weak.

800 DIH Crosscut South, being driven as a diamond drill station, advanced to a total of 23.2 feet. Geologic features are similar to those in the main drive.

A 50-scale map showing the geology of the advance is attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

DIETZGEN — NO. 352-107

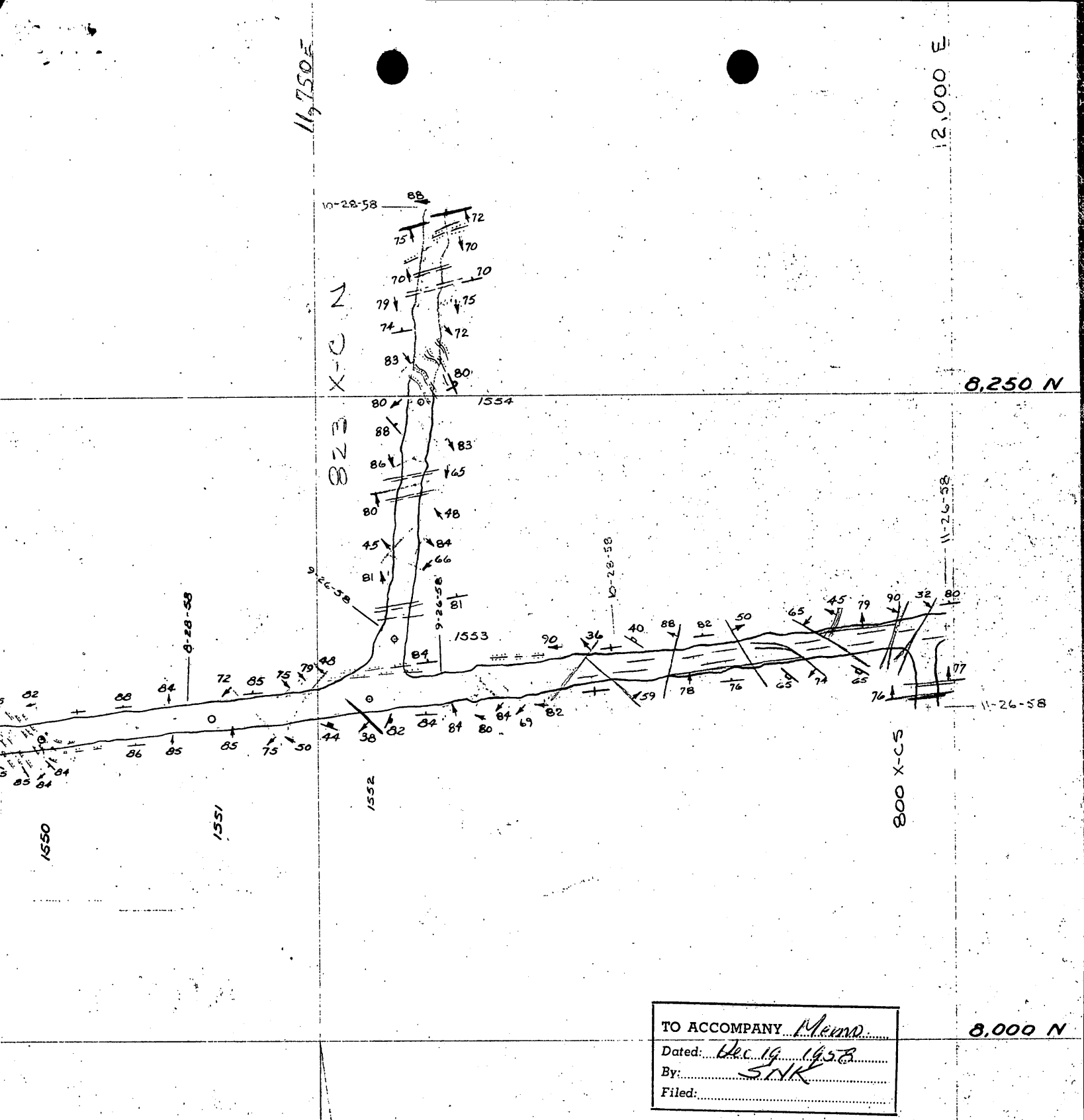
Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 195[illegible] Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	16638	135949	152587
Bits	36834	214341	251175
Hose and Fittings	15587	7188	22775
Other		1859	1859
Total Drilling	69059	359337	428396
Rock Bolting:			
Bolts 4'			
Bolts 6'	60588	203369	263957
Total Rock Bolts	60588	203369	263957
Other Supplies:			
Cap Lamps	1001	11868	12869
Hand Tools		1607	1607
Miscellaneous		8013	8013
Total Other Supplies	1001	21488	22489
Power:			
Lighting	205	2065	2270
Auxiliary Ventilation	874	5841	6715
Compressed Air	17049	149646	166695
Total Power	18128	157552	175680
Total Category 3 - Other Supplies	148776	741746	890522
Category 7 - Other:			
Underground Haulage	112381	1223106	1335487
Interior Hoisting		121500	121500
Main Hoisting	96050	1113044	1209094
Surface Haulage	11245	138082	149327
Drainage	15704	224021	239725
Main Ventilation	13002	119315	132317
Life Insurance	6608	58448	65056
Health and Accident Insurance	26926	195448	222374
Vacation Allowances	19176	200834	220010
Holidays	34612	158638	193250
Pension Accruals	81801	680064	761865
Dry Room	5258	53421	58679
First Aid	1950	17697	19647
Medical-Surgical	1806	70700	72506
Timekeeping and Warehouse	13000	98767	111767
Total Category 7 - Other	439519	4473085	4912604



TO ACCOMPANY Memo
Dated: Dec 19 1958
By: SNK
Filed:

AMERICAN SMELTING AND REFINING CO. UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 12-16-58	Approved SNK	File No. N-150-P-167

DMEA

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED JUN 17 1958 D.M.E.A.

Month of May, 1958 Docket No. DMEA 1712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N. Y. c/o Box 446, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50% Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	4,243.53	19,215.73	23,459.26	4243.53	19215.73	23459.26
Supervision	220.21	1,171.00	1,391.21	220.21	1171.00	1391.21
Technical Services	145.00	975.00	1,120.00	145.00	975.00	1120.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,233.58	3,912.52	5,146.10	1233.58	3912.52	5146.10
Explosives	1,103.22	6,035.52	7,138.74	1103.22	6035.52	7138.74
Pipe	1,393.44	7,086.77	8,480.21	1393.44	7086.77	8480.21
Track	616.37	2,451.75	3,068.12	616.37	2451.75	3068.12
Other	390.94	4,988.84	5,379.78	390.94	4988.84	5379.78
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	1,248.78	1,427.18	178.40	1248.78	1427.18
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	89.91	499.32	589.23	89.91	499.32	589.23
Sampling and Analysis						
Payroll Taxes	212.21	827.92	1,040.13	212.21	827.92	1040.13
Liability Insurance	123.34	637.20	760.54	123.34	637.20	760.54
Other	4,487.65	22,695.70	27,183.35	4487.65	22,695.70	27183.35
(8) Contingencies (specify): Leasing Expense of Mainline				427.80	2245.06	2672.86
TOTALS	14,437.80	71,746.05	86,183.85	10166.00	49292.00	59458.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date June 17, 1958 *Payee American Smelting and Refining Company

Per J. L. Kinsey Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 5083.10

Signature Harvey F. Fong (Authorized Certifying Officer)

Date 7/11/58 Vou. No. 2189

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-1134 in accordance with the terms of the contract.

Signature /s/ John A. Bardill Title Metallurgist Date June 19, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date July 10, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED JUN 17 1958 D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 195 8 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N. Y. c/o Box 440 Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	11,688.75	198.5	68,029.08	1219.3	55.79	12,485	40.00
~~Crosscutting~~ D.D. Station	"						300	35.00
~~Raising~~ Timbering	"	2,563.81	198.5	12,674.60	753.9	16.81	3,950	10.50
~~Shafts~~ Rock Bolting	Each			4,643.66	636	7.30	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.	185.21	315	836.51	1208	.69	14,800	.45
Drilling: ~~Core~~ AX	Foot							6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"							.40
~~Stripping~~ Core Boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
Total Distributed Costs		14,437.80		86,183.85				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		14,437.80		86,183.85				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date June 17, 1958 Operator American Smelting and Refining Company

Per J. C. Kieser Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John D. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

DIETZGEN - NO. 352-107

Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	12830	69890	82720
Bits	11680	147030	158710
Hose and Fittings		7188	7188
Other		1859	1859
Total Drilling	24510	225967	250477
Rock Bolting:			
Bolts 4'		-	-
Bolts 6'		188148	188148
Total Rock Bolts	-	188148	188148
Other Supplies:			
Cap Lamps	1001	5862	6863
Hand Tools		1607	1607
Miscellaneous		6755	6755
Total Other Supplies	1001	14224	15225
Power:			
Lighting	191	949	1140
Auxiliary Ventilation	524	2764	3288
Compressed Air	12868	66832	79700
Total Power	13583	70545	84128
Total Category 3 - Other Supplies	39094	498884	537978
Category 7 - Other:			
Underground Haulage	126627	623996	750623
Interior Hoisting	-	121500	121500
Main Hoisting	134506	547717	682223
Surface Haulage	12755	68277	81032
Drainage	10941	160794	171735
Main Ventilation	10976	61435	72411
Life Insurance	6285	25647	31932
Health and Accident Insurance	20249	85205	105454
Vacation Allowances	22666	88089	110755
Holidays	608	78198	78806
Pension Accruals	71800	285428	357228
Dry Room	4826	32393	37219
First Aid	4583	9941	14524
Medical-Surgical	12012	36937	48949
Timekeeping and Warehouse	9931	44013	53944
Total Category 7 - Other	448765	2269570	2718335

Wallace, Idaho
June 18, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - MAY 1958

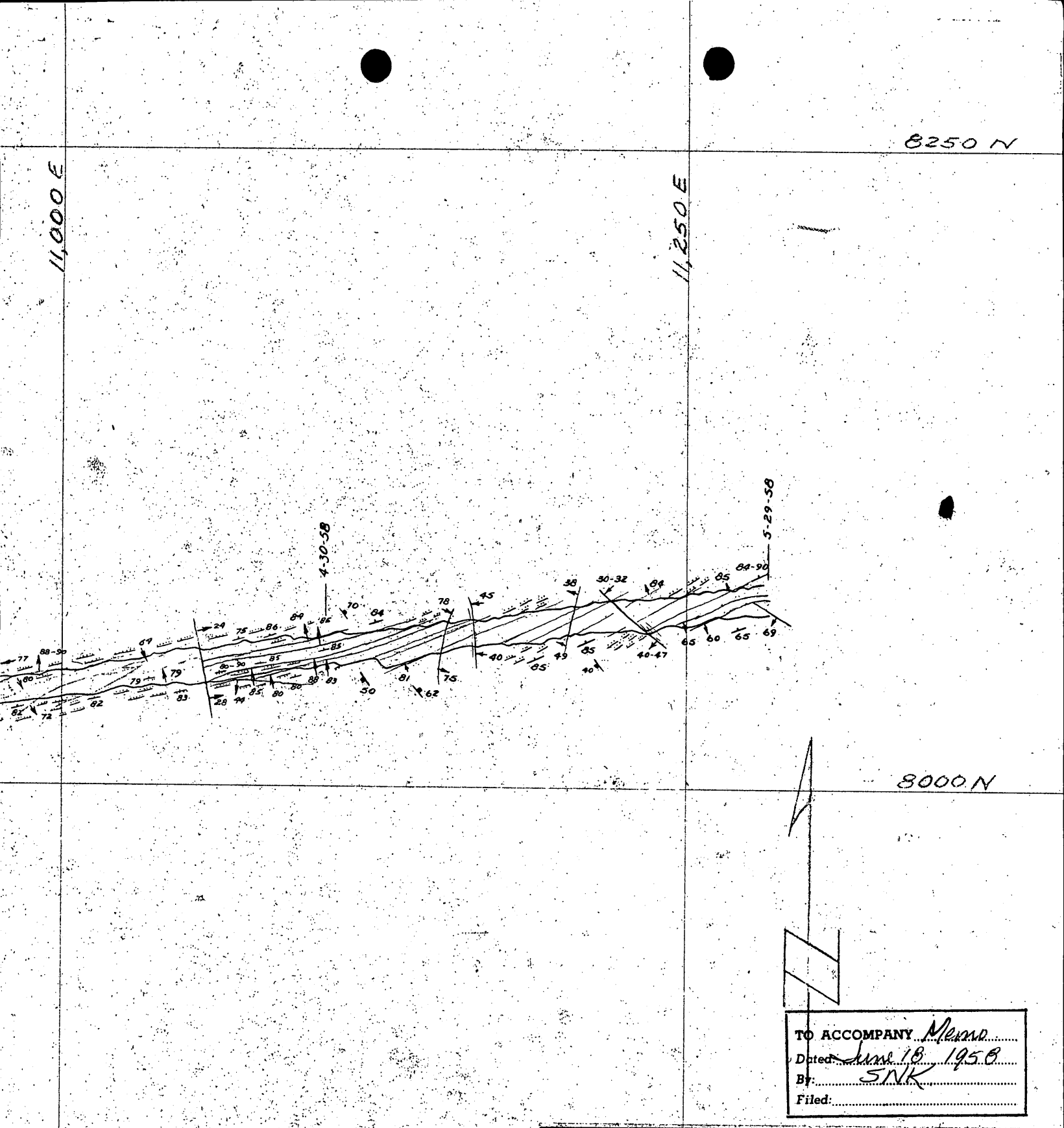
During May, the East Page Drive advanced 198.5 feet for a total of 1,219.3 feet to date. The drive exposes purple to light gray argillites and interbedded sandy argillaceous quartzites. The bedding and numerous bedding plane faults strike approximately N. 65° E. and dip approximately 85° northerly. Two parallel reverse faults in the present face strike N. 80° E. and dip 60° to 65° southerly. In the hanging wall of these faults, the bedding becomes flatter, dipping 65° northerly. Poor ground conditions necessitated timbering throughout the month's advance.

A 50-scale map showing the geology of this advance is attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN



TO ACCOMPANY Memo
Dated: June 18, 1958
By: SNK
Filed:

AMERICAN SMELTING AND REFINING CO. UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 5-29-58	Approved SNK	File No. N-150-P-167

OFFICIAL FILE COPY
D M E A
RECEIVED JUL 17 1958

DATE	INITIALS	CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, New York c/o Box 140 Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,742.66	16,473.07	19,215.73	2742.66	16,473.07	19215.73
Supervision	199.75	971.25	1,171.00	199.75	971.25	1171.00
Technical Services	146.00	829.00	975.00	146.00	829.00	975.00
(3) Operating Mat'ls. and Supplies:						
Timber	915.66	2,996.86	3,912.52	915.66	2996.86	3912.52
Explosives	540.85	5,494.67	6,035.52	540.85	5494.67	6035.52
Pipe	758.72	6,328.05	7,086.77	758.72	6328.05	7086.77
Track	300.79	2,150.96	2,451.75	300.79	2150.96	2451.75
Other	451.84	4,537.00	4,988.84	451.84	4537.00	4988.84
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	1,070.38	1,248.78	178.40	1070.38	1248.78
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	70.71	428.61	499.32	70.71	428.61	499.32
Sampling and Analysis						
Payroll Taxes	136.30	691.62	827.92	136.30	691.62	827.92
Liability Insurance	79.01	558.19	637.20	79.01	558.19	637.20
Other	2,849.40	19,846.30	22,695.70	2849.40	19846.30	22695.70
(8) Contingencies (specify): Less in Reserve of Mgt'ment				1967.85	20426.16	22454.05
TOTALS	9,370.09	62,375.96	71,746.05	7402.20	41889.80	49292.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 19, 1958 *Payee American Smelting and Refining Company
Per J. C. Kinsor Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3401.10

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 6/2/58 Vou. No. 2168
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1134 in accordance with the terms of the contract.

Signature /s/ John A. Bardill Title Metallurgist Date May 21, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec Officer Date May 29, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit; that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED JUN 9 1958

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 195 8 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, New York c/o Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	6,653.40	139.1	56,340.33	1020.8	55.19	12,485	40.00
~~Crosscutting~~ D.D. Station	"	(a)					300	35.00
~~Raising~~ Timbering	"	2,250.39	162.4	10,110.79	555.4	18.20	3,950	10.50
~~Shafts~~ Rock Bolting	Each	466.30	90	4,643.66	636(b)	7.30	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.			651.27	893	.73	14,800	.45
Drilling: ~~Core~~ AX	Foot							6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"							.40
~~Stripping~~ Core Boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		9,370.09		71,746.05				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		9,370.09		71,746.05				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date May 19, 1958 Operator American Smelting and Refining Company

Per J. L. Kieger Title Manager

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

REMARKS:
(a) Cost of timbering includes credit for 52 rock bolts @ 3.50 each that were in re-timbered area
(b) Rock Bolt "Units to Date" have been reduced by 52 account of credit to timbering.

(Instructions on reverse)

(For Government use only)

/s/ John A. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
May 19, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

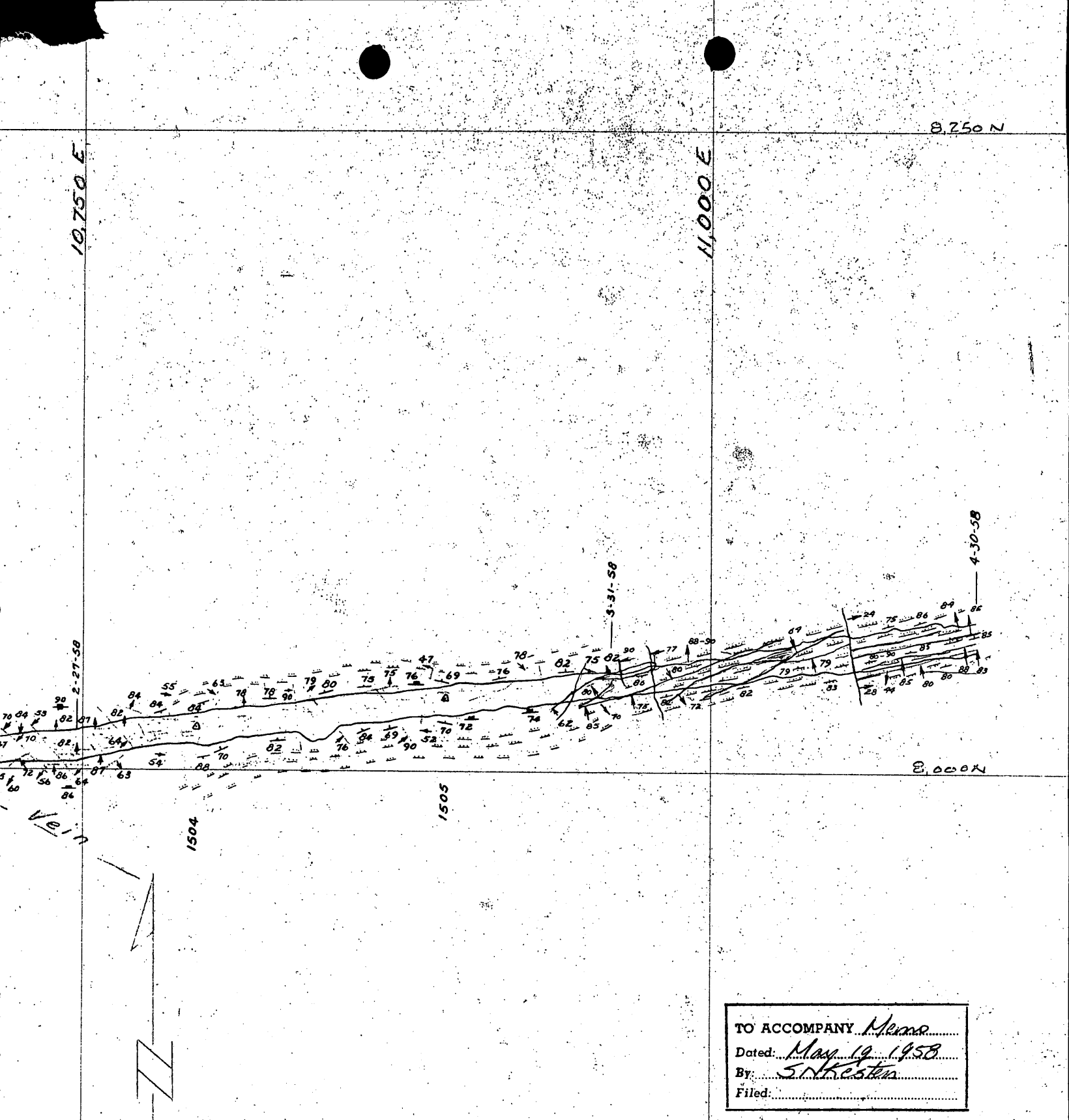
PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - APRIL, 1958

During April, the drive advanced 139.1 feet for a total of 1,020.8 feet to date. The early portion of the advance was through buff and green argillaceous quartzite finely banded with gray to gray-green argillaceous quartzite. After crossing a strong slip which dips steeply to the north and strikes about N. 75° E., or at a small angle to the bearing of the drive, the drive entered purple and green argillite and green to gray argillaceous quartzite. The purplish coloration in part crosses the bedding and is most obvious along slips and joints, but in part it conforms with the bedding. The soft, faulted, argillaceous rocks caused poor ground conditions and necessitated timbering and spiling. At the end of the period, the face was in predominantly purple and green argillite, with less prominent faulting, and progress was somewhat less difficult.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN



TO ACCOMPANY Memo
Dated: May 19 1958
By: S.N. Kesten
Filed:

AMERICAN SMELTING AND REFINING CO				
UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 4-30-58	Approved SNK	File No. N-150-P-167

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CODE
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1201 N. Division St.
Spokane 2, Washington

June 3, 1958

American Smelting and Refining Co.
P. O. Box 440
Wallace, Idaho

Re: Docket No. DMEA-4712 (lead-zinc)
American Smelting and Refining Co.
East Page Mine
Contract No. Idm-E1134
Monthly operating report for
April 1958

Gentlemen:

This is to inform you the subject voucher has been processed and forwarded to the Disbursing Officer for payment.

It seems, according to the contract, the allowable number of rock bolts has been exceeded; therefore, we have withheld the sum of $300. If, at a later date, it is determined the bolts are not excessive, payment will be made.

By Field Team, Region I

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

cc: DMEA (2)
USGS (2)
AD

4 Sent to 500

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6/2	C	220
		800

xxxxxxxxxxxxxxxxxx
1201 N. Division St.
Spokane 2, Washington

May 27, 1958

Mr. W. J. Murphy, Chief Accountant
American Smelting and Refining Company
P. O. Box 440
Wallace, Idaho

Re: DMEA-4712, Idm-E1134 (Lead-Zinc)
East Page Mine
Shoshone County, Idaho

Dear Mr. Murphy:

It has been determined that an analysis or breakdown of the charges made on the Operator's Monthly Report and Voucher, Form MF-104, under Category (3) Operating Materials and Supplies - Other (April 1958 total to date $4,988.84) and Category 7 - Miscellaneous - Other (April 1958 total to date $22,695.70), is necessary.

Commencing with your May 1958 Operator's Monthly Report and Voucher, Form MF-104, will you please attach an additional schedule, similar to copy attached, to each copy of the Form MF-104, which is captioned "Supplement to Operator's Monthly Report and Voucher".

This new schedule, which will serve as an explanation of the two "Other" charges shown on the Form MF-104, will not require any changes being made in the monthly schedules now being submitted.

Thanks a lot for your help.

Sincerely,

C. A. Turner, Auditor

Attachment

cc: Jay L. Chambers, Director
Contract Administration & Audit Division

Supplement To
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April 1958 Docket No. DMEA 4712 Contract No. Idm-E1134
Operator's Name American Smelting and Refining Co. Minerals Lead-Zinc
Address 120 Broadway, New York 5, New York, Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies			
Drilling			
Rods	$ 59.76	$ 639.14	$ 698.90
Bits	29.20	1,441.10	1,470.30
Hose and Fittings	-	71.88	71.88
Other	13.39	5.20	18.59
Total Drilling	102.35	2,157.32	2,259.67
Rock Bolting			
Bolts 4'	-	-	-
Bolts 6'	270.60	1,610.88	1,881.48
Total Rock Bolts	270.60	1,610.88	1,881.48
Other Supplies			
Cap Lamps	10.00	48.62	58.62
Hand Tools	-	16.07	16.07
Miscellaneous	-	67.55	67.55
Total Other Supplies	10.00	132.24	142.24
Power			
Lighting	1.94	7.55	9.49
Auxilliary Ventilation	4.73	22.91	27.64
Compressed Air	62.22	606.10	668.32
Total Power	68.89	636.56	705.45
Total Category 3 - Other Supplies	$ 451.84	$ 4,537.00	$ 4,988.84

* * * * *

Category 7 - Other			
Underground Haulage	$ 924.61	$ 5,315.35	$ 6,239.96
Interior Hoisting	-	1,215.00	1,215.00
Main Hoisting	725.95	4,751.22	5,477.17
Surface Haulage	101.12	581.65	682.77
Drainage	79.20	1,528.74	1,607.94
Main Ventilation	105.71	508.64	614.35
Life Insurance	37.41	219.06	256.47
Health and Accident	123.37	728.68	852.05
Vacation Allowances	150.33	730.56	880.89
Holidays	1.31	780.67	781.98
Pension Accruals	438.22	2,416.06	2,854.28
Dry Room	49.25	274.68	323.93
First Aid	1.31	98.10	99.41
Medical-Surgical	50.91	318.46	369.37
Timekeeping and Warehouse	60.70	379.43	440.13
Total Category 7 - Other	$2,849.40	$19,846.30	$22,695.70

DESIRABLE FILE COPY
DMEA
RECEIVED JUN 9 1958

Form MF-104 (Rev.)
(April 1952)

RECEIVED
SEP 8 1958
D.M.E.A.

W

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	3,558.39	26,173.05	29,731.44	3558.39	26173.05	29731.44
Supervision	249.36	1,623.30	1,872.66	249.36	1623.30	1872.66
Technical Services	103.00	1,172.00	1,275.00	103.00	1172.00	1275.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,481.57	6,157.77	7,639.34	1481.57	6157.77	7639.34
Explosives	881.09	7,795.19	8,676.28	881.09	7795.19	8676.28
Pipe	1,097.56	9,668.79	10,766.35	1097.56	9668.79	10766.35
Track	523.14	3,408.76	3,931.90	523.14	3408.76	3931.90
Other	325.22	5,638.45	5,963.67	325.22	5638.45	5963.67
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	1,605.58	1,783.98	178.40	1605.58	1783.98
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	574.49	601.98	1,176.47	574.49	601.98	1176.47
Sampling and Analysis						
Payroll Taxes	183.35	1,188.16	1,371.51	183.35	1188.16	1371.51
Liability Insurance	101.24	848.73	949.97	101.24	848.73	949.97
Other	3,851.94	31,044.36	34,896.30	3851.94	31044.36	34896.30
(8) Contingencies (specify): Less in excess of Maximum				4371.90	30609.89	34981.79
TOTALS	13,108.75	96,926.12	110,034.87	8736.85	66316.25	75053.10

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Aug. 11, 1958 *Payee American Smelting & Refining Co.

Per J. L. Kinsey Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4368.42

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 9/2/58 Vou. No. 2214

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1134 in accordance with the terms of the contract.

Signature /s/ John D. Bardill Title Metallurgist Date August 18, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wing L. Agnew Title Acting Exec. Date 8-28-58

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED SEP 18 1958 DMEA

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and zinc

Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting: Crosscutting	Foot	10,250.00	170.2	86,753.42	1522.5	56.98	12,485	40.00
Crosscutting: D.D.Station	"						300	35.00
Raising: Timbering	"	2,668.57	170.2	17,410.88	1012.2	17.20	3,950	10.50
Stoping: Rock Bolting	Each			4,643.66	636	7.30	4,000	3.50
Winzes: Car Sidings	Cu Ft	190.18	315	1,226.91	1838	.67	14,800	.45
Drilling: Core AX	Foot							6.60
Core EX	"						11,855	6.40
Stope Incid.	"							.40
Stripping: Core Boxes	Each						290	3.40
Processing: Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		13,108.75		110,034.87				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		13,108.75		110,034.87				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

REMARKS:

Date Aug. 14, 1958 Operator American Smelting & Ref. Co.

Per J. L. Kinsor Title Manager

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John L. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	7486	88598	96084
Bits	11680	167870	179550
Hose and Fittings		7188	7188
Other		1859	1859
Total Drilling	19166	265515	284681
Rock Bolting:			
Bolts 4'			
Bolts 6'		188148	188148
Total Rock Bolts		188148	188148
Other Supplies:			
Cap Lamps	1001	7864	8865
Hand Tools		1607	1607
Miscellaneous	1258	6755	8013
Total Other Supplies	2259	16226	18485
Power:			
Lighting	186	1321	1507
Auxiliary Ventilation	554	3797	4351
Compressed Air	10357	88838	99195
Total Power	11097	93956	105053
Total Category 3 - Other Supplies	32522	563845	596367
Category 7 - Other:			
Underground Haulage	77540	878282	955822
Interior Hoisting		121500	121500
Main Hoisting	106068	767031	873099
Surface Haulage	13964	90957	104921
Drainage	8454	181903	190357
Main Ventilation	10168	82438	92606
Life Insurance	6090	37209	43299
Health and Accident Insurance	18536	122385	140921
Vacation Allowances	22936	129912	152848
Holidays	29752	103812	133564
Pension Accruals	73762	419644	493406
Dry Room	3271	40533	43804
First Aid	848	14560	15408
Medical-Surgical	3559	51784	55343
Timekeeping and Warehouse	10246	62486	72732
Total Category 7 - Other	385194	3104436	3489630

Wallace, Idaho
August 15, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - JULY 1958

During July, the East Page Drive advanced 170.2 feet for a total of 1,522.5 feet to date. The rocks penetrated are purplish argillaceous quartzite with thin white sandy beds. Strike is essentially parallel to the drive (N. 83° E.) and dip is 70° to 85° N. The rocks are cut by bedding plane slips and minor cross-slips. A stronger slip or fault striking N. 25° E. and dipping 80° W. has up to 3/4" gouge.

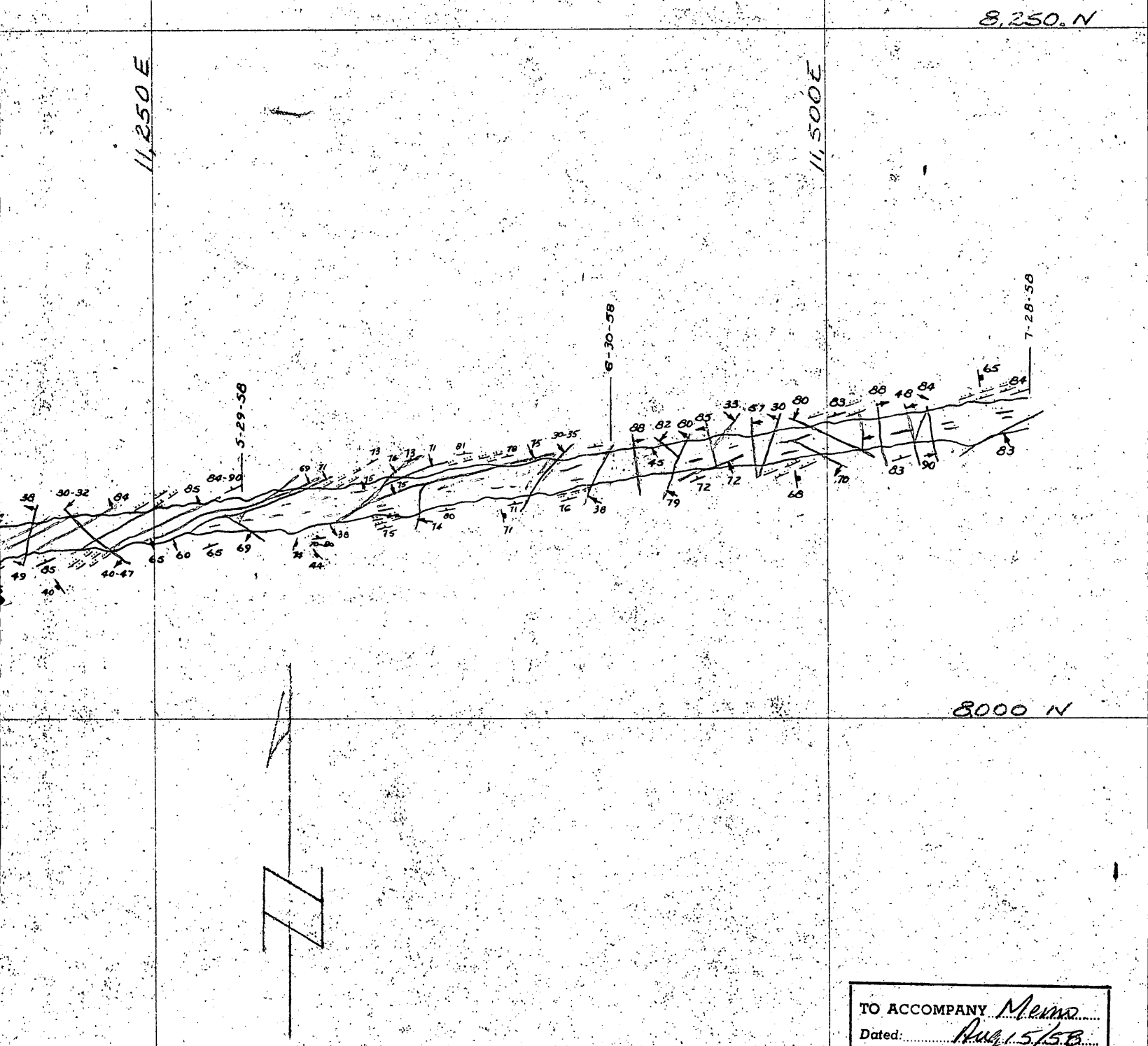
Because of the relationship between the bearing of the drive and the attitude of bedding and bedding plane slips, it was necessary to timber throughout the advance.

A 50-scale map showing the geology of this advance is attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN



TO ACCOMPANY Memo
Dated: Aug 15/58
By: JSNK
Filed:

AMERICAN SMELTING AND REFINING CO. UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 7-30-58	Approved SNK	File No. N-150-P-167

EXTRA COPY
DMEA
RECEIVED SEP 8 1958

DATE	INITIALS	CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED AUG 7 1958 DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and zinc
Address 120 Broadway, N. Y. 5, N. Y. & Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,713.79	23,459.26	26,173.05	2713.79	23459.26	26173.05
Supervision	232.09	1,391.21	1,623.30	232.09	1391.21	1623.30
Technical Services	52.00	1,120.00	1,172.00	52.00	1120.00	1172.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,011.67	5,146.10	6,157.77	1011.67	5146.10	6157.77
Explosives	656.45	7,138.74	7,795.19	656.45	7138.74	7795.19
Pipe	1,188.58	8,480.21	9,668.79	1188.58	8480.21	9668.79
Track	340.64	3,068.12	3,408.76	340.64	3068.12	3408.76
Other	258.67	5,379.78	5,638.45	258.67	5379.78	5638.45
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	1,427.18	1,605.58	178.40	1427.18	1605.58
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	12.75	589.23	601.98	12.75	589.23	601.98
Sampling and Analysis						
Payroll Taxes	148.03	1,040.13	1,188.16	148.03	1040.13	1188.16
Liability Insurance	88.19	760.54	848.73	88.19	760.54	848.73
Other	3,861.01	27,183.35	31,044.36	3861.01	27183.35	31044.36
(8) Contingencies (specify): Lewis in Repair & Maintenance				3884.02	26725.55	30609.57
TOTALS	10,742.27	86,183.85	96,926.12	6858.25	59458.00	66316.25

I certify that the above bill is correct and just and that payment therefor has not been received.

Date July 17, 1958 *Payee American Smelting and Refining Co.

Per J. C. Kiesser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3429.13

Signature Dorothy F. Fox
(Authorized Certifying Officer)

Date 8/1/58 Vou. No. 2205

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1134 in accordance with the terms of the contract.

Signature 1s/ John A. Bardill Title Metallurgist Date July 18, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1s/ A. E. Weissenborn Title Exec. Officer Date July 22, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED AUG 7 1958 DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, N.Y. 5, N. Y. % Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	8,474.34	133	76,503.42	1,352.3	56.57	12,485	40.00
Crosscutting-D.D.Station	"						300	35.00
Raising-Timbering	"	2,067.71	133	14,742.31	842.0	17.51	3,950	10.50
Shafts-Rock Bolting	Each			4,643.66	636	7.30	4,000	3.50
Winzes-Car Sidings	Cu.Ft.	200.22	315	1,036.73	1,523	.68	14,800	.45
Drilling: Core-AX	Foot							6.60
Churn-EX	"						11,855	6.40
Auger-Incid.	"							.40
Stripping-Core Boxes	Each						290	3.40
Trenching-Assaying	Let.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		10,742.27		96,926.12				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		10,742.27		96,926.12				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

REMARKS:

Date July 17, 1958 Operator American Smelting and Refining Co.

Per J. L. Kinsey Title Manager

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John A. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
July 16, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - JUNE 1958

During June, the East Page Drive advanced 133.0 feet for a total of 1,352.3 feet to date. The drive exposes purple to light-gray argillites and interbedded sandy argillaceous quartzites. For most of the month's advance, the bedding and numerous bedding-plane faults strike approximately N. 65° E. and dip steeply to the north. In the present face, the bedding parallels the drive and dips steeply to the north. A few minor cross faults and joints are exposed. Poor ground conditions necessitated timbering throughout the month's advance.

A 50-scale map showing the geology of this advance is attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

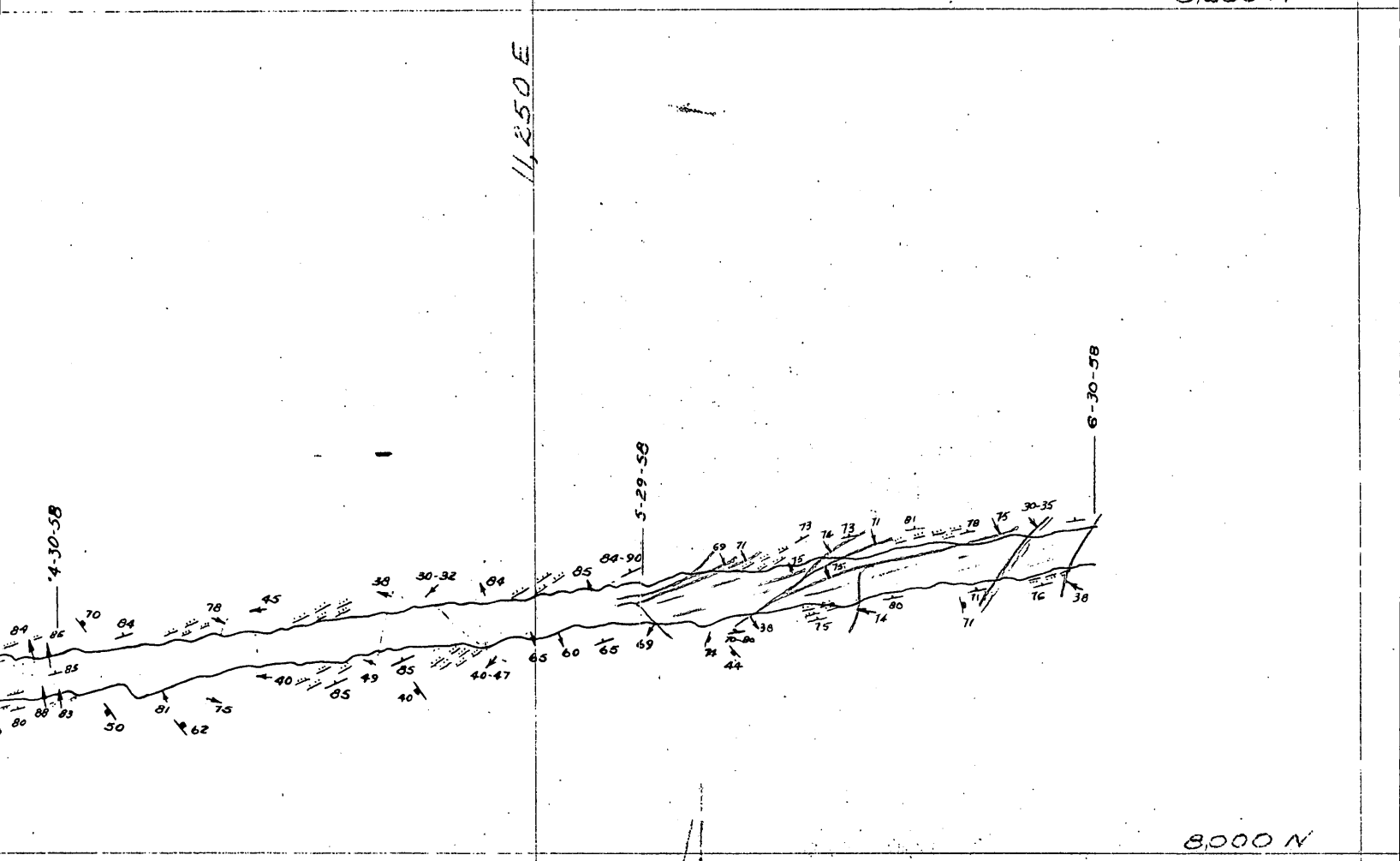
Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	5878	82720	88598
Bits	9160	158710	167870
Hose and Fittings		7188	7188
Other		1859	1859
Total Drilling	15038	250477	265515
Rock Bolting:			
Bolts 4'			
Bolts 6'		188148	188148
Total Rock Bolts	—	188148	188148
Other Supplies:			
Cap Lamps	1001	6863	7864
Hand Tools		1607	1607
Miscellaneous		6755	6755
Total Other Supplies	1001	15225	16226
Power:			
Lighting	181	1140	1321
Auxiliary Ventilation	509	3288	3797
Compressed Air	9158	79700	88838
Total Power	9828	84128	93956
Total Category 3 - Other Supplies	25867	537978	563845
Category 7 - Other:			
Underground Haulage	127659	750623	878282
Interior Hoisting		121500	121500
Main Hoisting	84808	682223	767031
Surface Haulage	9925	81032	90957
Drainage	10168	171735	181903
Main Ventilation	10027	72411	82438
Life Insurance	5277	31932	37209
Health and Accident Insurance	16931	105454	122385
Vacation Allowances	19157	110755	129912
Holidays	25006	78806	103812
Pension Accruals	62416	357228	419644
Dry Room	3314	37219	40533
First Aid	36	14524	14560
Medical-Surgical	2835	48949	51784
Timekeeping and Warehouse	8542	53944	62486
Total Category 7 - Other	386101	2718335	3104436



TO ACCOMPANY Memo
Dated: July 16, 58
By: SHK
Filed:

AMERICAN SMELTING AND REFINING CO. UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 6-30-58	Approved SNK	File No. N-150-P-167

EXTRA COPY
DMEA
RECEIVED AUG 7

DATE	INITIALS	CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED OCT 6 1958 D.M.E.

Month of August, 1958 Docket No. DMEA 4732 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead & Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,794.40	29,731.44	32,525.84	2794.40	29,731.44	32525.84
Supervision	209.85	1,872.66	2,082.51	209.85	1,872.66	2082.51
Technical Services	104.00	1,275.00	1,379.00	104.00	1275.00	1379.00
(3) Operating Mat'ls. and Supplies:						
Timber	904.49	7,639.34	8,543.83	904.49	7639.34	8543.83
Explosives	611.71	8,676.28	9,287.99	611.71	8676.28	9287.99
Pipe	672.79	10,766.35	11,439.14	672.79	10766.35	11439.14
Track	638.63	3,931.90	4,570.53	638.63	3931.90	4570.53
Other	374.95	5,963.67	6,338.62	374.95	5963.67	6338.62
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	1,783.98	1,962.38	178.40	1783.98	1962.38
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	5.28	1,176.47	1,181.75	5.28	1176.47	1181.75
Sampling and Analysis						
Payroll Taxes	122.61	1,371.51	1,494.12	122.61	1371.51	1494.12
Liability Insurance	74.50	949.97	1,024.47	74.50	949.97	1024.47
Other	2,656.18	34,896.30	37,552.48	2656.18	34896.30	37552.48
(8) Contingencies (specify): Less 1% Expense Deposit				3862.89	34951.77	38,814.66
TOTALS	9,347.79	110,034.87	119,382.66	5484.30	75053.10	80537.40

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Sept. 16, 1958 *Payee American Smelting and Refining Co.

Per J. L. Kieber Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2742.15

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 10/1/58 Vou. No. 2225

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature /s/ John L. Bardell Title Metallurgist Date Sept. 25, 1958

APPROVAL BY ~~DMEA~~ OMAE EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Sept. 30, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED OCT 6 1958 D.M.E.

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1958 Docket No. DMEA 4712 Contract No. DMA-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead & Zinc
Address 120 Broadway, New York 5, N.Y., % Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting-Crosscutting	Foot	7,368.59	108.6	94,122.01	1,631.1	57.70	12,485	40.00
Crosscutting D.D.Station	"				1165.7		300	35.00
Raising Timbering	"	1,979.20	108.6	19,390.08	1,120.8	17.30	3,950	10.50
Shafts Rock Bolting	Each			4,643.66	636	7.30	4,000	3.50
Winzes Car Sidings	Cu.Ft.			1,226.91	1,838	.67	14,800	.45
Drilling: Core AX	Foot							6.60
Churn EX	"						11,855	6.40
Auger Incid.	"							.40
Stripping Core Boxes	Each						290	3.40
Trenching Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		9,347.79		119,382.66				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		9,347.79		119,382.66				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

REMARKS:

Date Sept. 16, 1958 Operator American Smelting & Refining Co.

Per J. L. Hoover Title Manager

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John A. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
September 18, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - AUGUST 1958

During August, the East Page Drive advanced 108.6 feet for a total of 1,631.1 feet to date. The present face is approximately 300 feet west of the first of the proposed exploratory diamond drill holes. The drive intersected a relatively strong, northwest-striking, nearly vertical fault approximately 68 feet west of the last face mapped. The folding resulting from the fault indicates that the ground east of the fault has moved south. To the west of the fault, the rock is interbedded grey to purple argillite and quartzite and to the east, light green-grey to buff, slightly argillaceous quartzite. The previously encountered faintly purple beds occur in the present face only along the stronger bedding plane slips, indicating that at least part of the purple color is a result of alteration.

A 50-scale map showing geology of this advance is attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

OPTIONAL FORM NO. 202 107

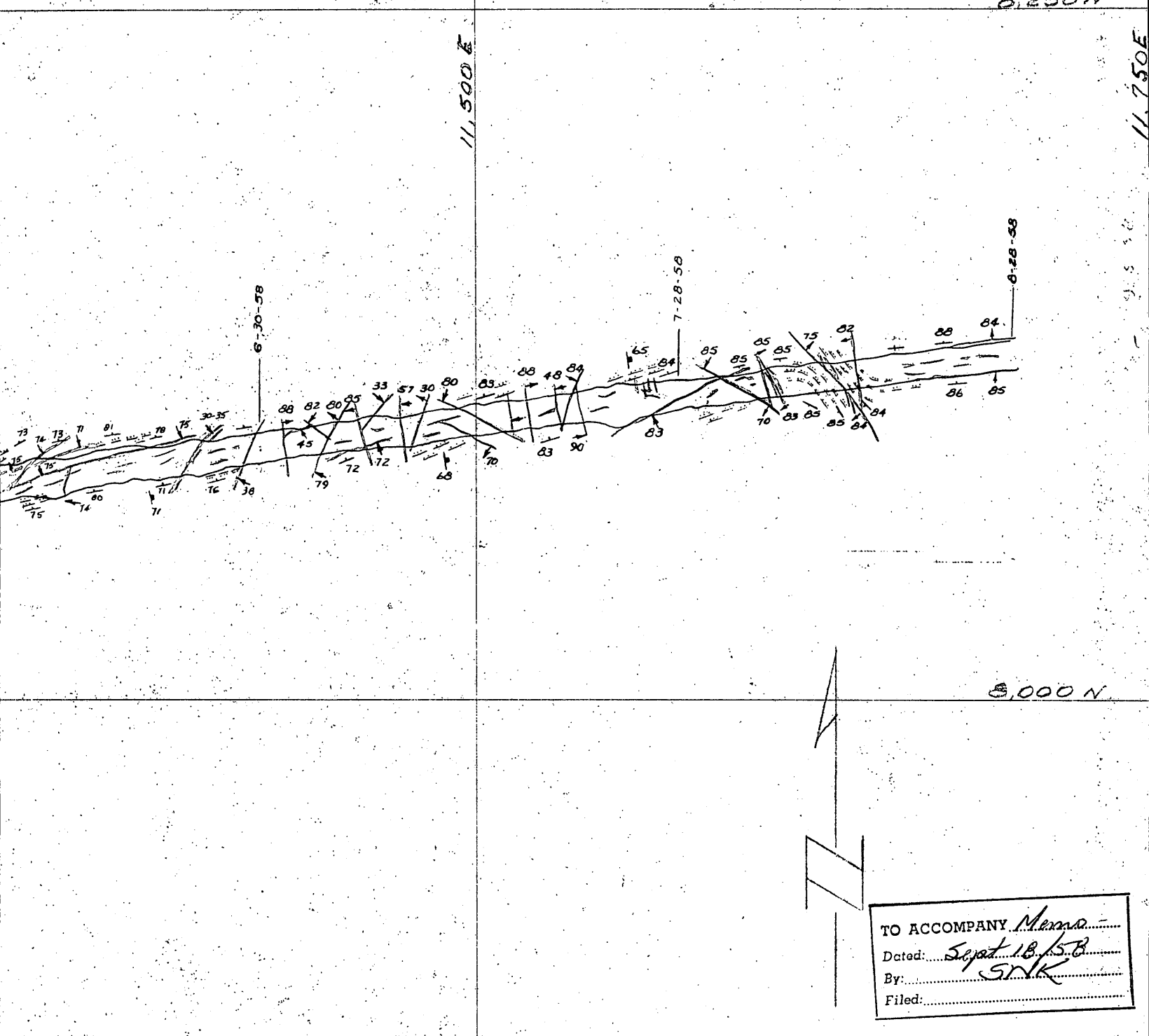
Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	8306	96084	104390
Bits	14600	179550	194150
Hose and Fittings		7188	7188
Other		1859	1859
Total Drilling	22906	284681	307587
Rock Bolting:			
Bolts 4'			
Bolts 6'		188148	188148
Total Rock Bolts		188148	188148
Other Supplies:			
Cap Lamps	1001	8865	9866
Hand Tools		1607	1607
Miscellaneous		8013	8013
Total Other Supplies	1001	18485	19486
Power:			
Lighting	194	1507	1701
Auxiliary Ventilation	540	4351	4891
Compressed Air	12854	99195	112049
Total Power	13588	105053	118641
Total Category 3 - Other Supplies	37495	596367	633862
Category 7 - Other:			
Underground Haulage	73112	955822	1028934
Interior Hoisting	-	121500	121500
Main Hoisting	58620	873099	931719
Surface Haulage	9601	104921	114522
Drainage	7955	190357	198312
Main Ventilation	11205	92606	103811
Life Insurance	4561	43299	47860
Health and Accident Insurance	14466	140921	155387
Vacation Allowances	14335	152848	167183
Holidays	-	133564	133564
Pension Accruals	55598	493406	549004
Dry Room	2204	43804	46008
First Aid	250	15408	15658
Medical-Surgical	5973	55343	61316
Timekeeping and Warehouse	7738	72732	80470
Total Category 7 - Other	265618	3489630	3755248



TO ACCOMPANY Memo
Dated: Sept 18, 58
By: SNK
Filed:

AMERICAN SMELTING AND REFINING CO. UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 9-2-58	Approved SNK	File No. N-150-P-167

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 6 1958

DATE	INITIALS	CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED NOV 10 1958 O.M.E.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1958 Docket No. DMEA 4712 Contract No. DMA-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,883.75	32,525.84	35,409.59	2883.75	32525.84	35409.59
Supervision	177.64	2,082.51	2,260.15	177.64	2082.51	2260.15
Technical Services	149.00	1,379.00	1,528.00	149.00	1379.00	1528.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,006.94	8,543.83	9,550.77	1006.94	8543.83	9550.77
Explosives	901.94	9,287.99	10,189.93	901.94	9287.99	10189.93
Pipe	500.49	11,439.14	11,939.63	500.49	11439.14	11939.63
Track	454.41	4,570.53	5,024.94	454.41	4570.53	5024.94
Other	476.47	6,338.62	6,815.09	476.47	6338.62	6815.09
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	1,962.38	2,140.78	178.40	1962.38	2140.78
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	110.17	1,181.75	1,291.92	110.17	1181.75	1291.92
Sampling and Analysis						
Payroll Taxes	116.43	1,494.12	1,610.55	116.43	1494.12	1610.55
Liability Insurance	79.00	1,024.47	1,103.47	79.00	1024.47	1103.47
Other	3,336.80	37,552.48	40,889.28	3336.80	37552.48	40889.28
(8) Contingencies (specify): Less in excess of maximum				3164.19	38845.26	42009.45
TOTALS	10,371.44	119,382.66	129,754.10	6506.75	80537.40	87044.15

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct. 16, 1958 *Payee American Smelting and Refining Co.

Per J. C. Kieser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3253.37

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 11/4/58 Vou. No. 2240

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature /s/ John A. Bardill Title Metallurgist Date October 23, 1958

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Oct. 28, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED NOV 10 1958 O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept. 195 8 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y., & Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~	Foot	8,528.88	131.3	102,650.89	1762.4		12,485	40.00
~~Crosscutting~~ D.D. Stations	"						300	35.00
~~Raising~~ Timbering	"	1,842.56	119.5	21,232.64	1240.3		3,950	10.50
~~Shafts~~ Rock Bolting	Each			4,643.66	636		4,000	3.50
~~Winzes~~ Car Siding	Cu.Ft			1,226.91	1638		14,800	.45
Drilling: ~~Core~~ AX	Foot							6.60
~~Chum~~ EX	"						11,855	6.40
~~Auger~~ Ineid.	"							.40
~~Stripping~~ Core Boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		10,371.44		129,751.10				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		10,371.44		129,751.10				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Oct. 16, 1958 Operator American Smelting & Ref. Co.

Per J. C. Kinser Title Manager

REMARKS:

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John D. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
October 9, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - SEPTEMBER 1958

During September, the East Page Drive advanced 94.5 feet, and 3070 - 823 Crosscut North advanced 36.8 feet, bringing the total advance to date to 1,762.6 feet. The rocks exposed are light to medium-grey quartzite containing a few darker grey, slightly purple bands. Locally, the quartzite is argillaceous and buff colored. The bedding and numerous weak bedding-plane faults parallel the drive and dip steeply north. The rock is much more competent than previously.

The new heading 3070 - 823 Crosscut North has been turned off to be used as car storage. It will also be used as a diamond drill station for DDH No. 1 (North). A station for DDH No. 2 (South) will be provided further east, offset from the crosscut to such an extent that not too much ground will be open in one locality. Permission for these modifications to the original plan has been given by DMEA.

A 50-scale map showing the geology of the advance is attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

DIETZGEN NO 352 107

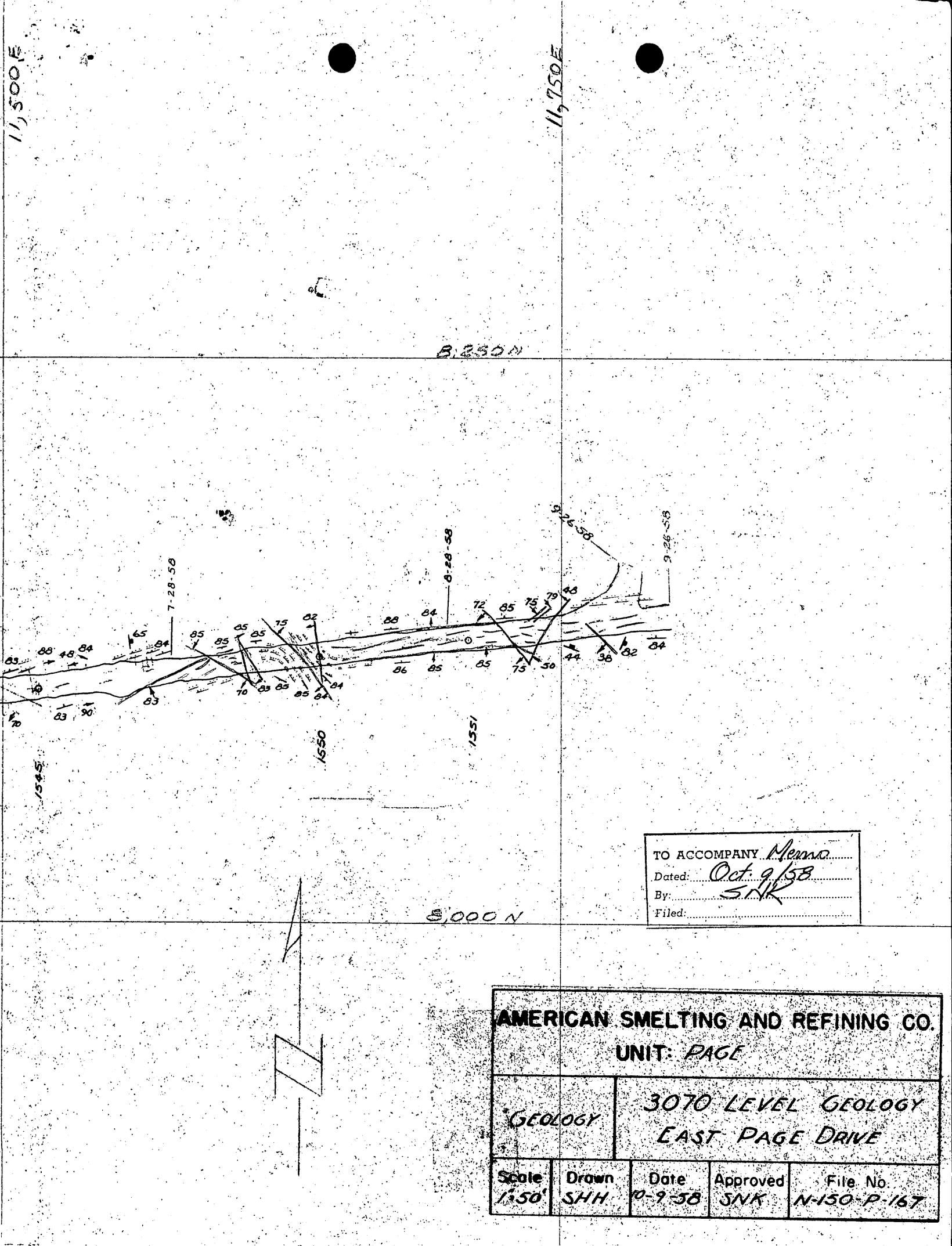
Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 195[illegible] Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	11271	104390	115661
Bits	20191	194150	214341
Hose and Fittings		7188	7188
Other		1859	1859
Total Drilling	31462	307587	339049
Rock Bolting:			
Bolts 4'			
Bolts 6'		188148	188148
Total Rock Bolts		188148	188148
Other Supplies:			
Cap Lamps	1001	9866	10867
Hand Tools		1607	1607
Miscellaneous		8013	8013
Total Other Supplies	1001	19486	20487
Power:			
Lighting	194	1701	1895
Auxiliary Ventilation	514	4891	5405
Compressed Air	14476	112049	126525
Total Power	15184	118641	133825
Total Category 3 - Other Supplies	47647	633862	681509
Category 7 - Other:			
Underground Haulage	86163	1028934	1115097
Interior Hoisting	—	121500	121500
Main Hoisting	81168	931719	1012887
Surface Haulage	92888	1145922	1238810
Drainage	15233	198312	213545
Main Ventilation	6962	103811	110773
Life Insurance	4833	47860	52693
Health and Accident Insurance	15484	155387	170871
Vacation Allowances	15916	167183	183099
Holidays	24667	133564	158231
Pension Accruals	69355	549004	608359
Dry Room	2962	46008	48970
First Aid	175	15658	15833
Medical-Surgical	3166	61316	64482
Timekeeping and Warehouse	2308	80470	28778
Total Category 7 - Other	333680	3755248	4088928



TO ACCOMPANY Memo
Dated: Oct. 9/58
By: SNK
Filed:

AMERICAN SMELTING AND REFINING CO. UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 10-9-58	Approved SNK	File No. N-150-P-167

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DATE	INITIALS	CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED DEC 22 1958 D.M.E.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1958 Docket No. DMEA 4713 Contract No. IIIL-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % , Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	4,271.57	35,409.59	39,681.16	4271.57	35409.59	39681.16
Supervision	194.97	2,260.15	2,455.12	194.97	2260.15	2455.12
Technical Services	112.00	1,528.00	1,640.00	112.00	1528.00	1640.00
(3) Operating Mat'ls. and Supplies:						
Timber	480.65	9,550.77	10,031.42	480.65	9550.77	10031.42
Explosives	1,380.40	10,189.93	11,570.33	1380.40	10189.93	11570.33
Pipe	1,247.49	11,939.63	13,187.12	1247.49	11939.63	13187.12
Track	625.31	5,024.94	5,650.25	625.31	5024.94	5650.25
Other	602.37	6,815.09	7,417.46	602.37	6815.09	7417.46
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	2,140.78	2,319.18	178.40	2140.78	2319.18
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	17.00	1,291.92	1,308.92	17.00	1291.92	1308.92
Sampling and Analysis						
Payroll Taxes	140.20	1,610.55	1,750.75	140.20	1610.55	1750.75
Liability Insurance	105.43	1,103.47	1,208.90	105.43	1103.47	1208.90
Other	3,841.57	40,889.28	44,730.85	3841.57	40889.28	44730.85
(8) Contingencies (specify):						
Less in Reserve & Maximum				6,261.11	42,709.95	42,997.06
TOTALS	13,197.36	129,754.10	142,951.46	6930.25	87044.15	93974.40

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Nov. 20, 1958 *Payee American Smelting & Refining Company

Per J. C. Kieser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3465.13

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 12/17/58 Vou. No. 2261

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1134 in accordance with the terms of the contract.

Signature /s/ Eric H. Erickson Title Mining Engr. Date 12/15/58

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wing H. Agnew Title Acting Exec. Date 12/16/58

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

REVISED

Budget Bureau No. 42-R1151.2

RECEIVED DEC 22 1958 O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting ~~Crosscutting~~	Foot	2,258.29	28.4	104,909.18	1790.8	58.58	12,485	40.00
~~Crosscutting~~ D.D. Stations	"	1,252.93	25	1,252.93	25	50.12	300	35.00
~~Raising~~ Timbering	"	1,190.82	28.4	22,423.46	1268.7	17.67	3,950	10.50
~~Shafts~~ Rock Bolting	Each	329.58	59	4,973.24	577	8.62	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.	8,165.74	10,269	9,392.65	12,107	.78	14,800	.45
Drilling: ~~Core~~ AX	Foot							6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"							.40
~~Stripping~~ Core Boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
Total Distributed Costs		13,197.36		142,951.46				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		13,197.36		142,951.46				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Dec. 3, 1958 Operator American Smelting and Refining Company

Per J. C. Kinsor Title Manager

Remarks:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Eric L. Erickson, 12/15/58

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

December 15, 1958

Due to the fact the MF-104A and the Operator's Progress Report do not agree, the following explanation is given. (Mr. S. W. Zoldok did not feel this should be returned to the Operator for correction).

In accordance with Field Team letters written November 24 and November 26, 1958 to the Operator, a revised MF-104A for the month of October was submitted. However, the progress report submitted was not revised and, therefore, the footages for advance of the 3070 East Page Drive and 823 Crosscut North do not agree with the revised MF-104A or the accountant's revised report.

The total footage advance of 1,790.8 is in accord with the revised MF-104A for October; however, the advance for October is shown as 28.4 ft. instead of 65.2 ft. The 823 Crosscut North was started in September and at the end of the month had been advanced 36.8 ft. Reimbursement was made for the 36.8 ft. for September. This crosscut was completed in October for a total length of 188 ft., but in order to conform to the terms of the contract, this footage was converted to 25 ft. for diamond drill station and 163 ft. of car transfer which, in turn, was converted to 10,269 cu. ft. In other words, the 28.4 ft. represents the net footage for October after taking credit for the 36.8 ft. paid for in September. The total net of 1,790.8 ft. remains unchanged.

J. C. KIEFFER
MANAGER

COPY

American Smelting and Refining Company
Northwestern Mining Department
Wallace, Idaho

December 9, 1958

Office of Minerals Exploration
United States Bureau of Mines
N. 1201 Division Street
Spokane, Washington

Re: Docket No. DMEA-4712 (lead-zinc)
East Page Mine
Shoshone County, Idaho
Contract No. Idm-E1134

Dear Sirs:

We have your letters of November 24 and November 26.

Enclosed herewith find our accountants' report, with revisions made as you suggest.

Yours very truly,

ORIGINAL SIGNED
J. C. KIEFFER

JCK:ajm
Enclosures

cc: OME (4) - with enclosures.
DJPope - "
TMTower - "
SNKesten - w/o.
WJMurphy - w/o.

Wallace, Idaho
November 21, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE PROJECT
PROGRESS REPORT - OCTOBER 1958

In the 3070 East Page Drive, advance for October was 65.2 feet for a total of 1,790.8 feet to date. The drive exposes dark-grey to purple argillite and grey to buff bleached argillaceous quartzite. The bedding and numerous weak bedding-plane faults parallel the drive and dip steeply to the north. Principally because of the character of the rock exposed in the 823 Crosscut North, the rock penetrated by the drive from the Curlew vein east to the present face is now tentatively identified as the transition zone between the Revett formation to the south and the St. Regis formation to the north.

In 823 Crosscut North, which was driven as a diamond drill station and for car storage, advance for October was 156.7 feet for a total length of 193.5 feet. The heading encountered thin-bedded dark-grey to purple argillite, which is locally highly bleached, and lesser amounts of light-grey argillaceous quartzite. The rock has been tentatively identified as the St. Regis formation. The bedding and a few weak bedding-plane faults strike approximately N. 85° E. and dip steeply to the north, with the exception of a 35- to 40-foot section where faulting has folded and overturned the beds.

A 50-scale map showing the geology of the advance is attached.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

DIETZGEN NO 352 107

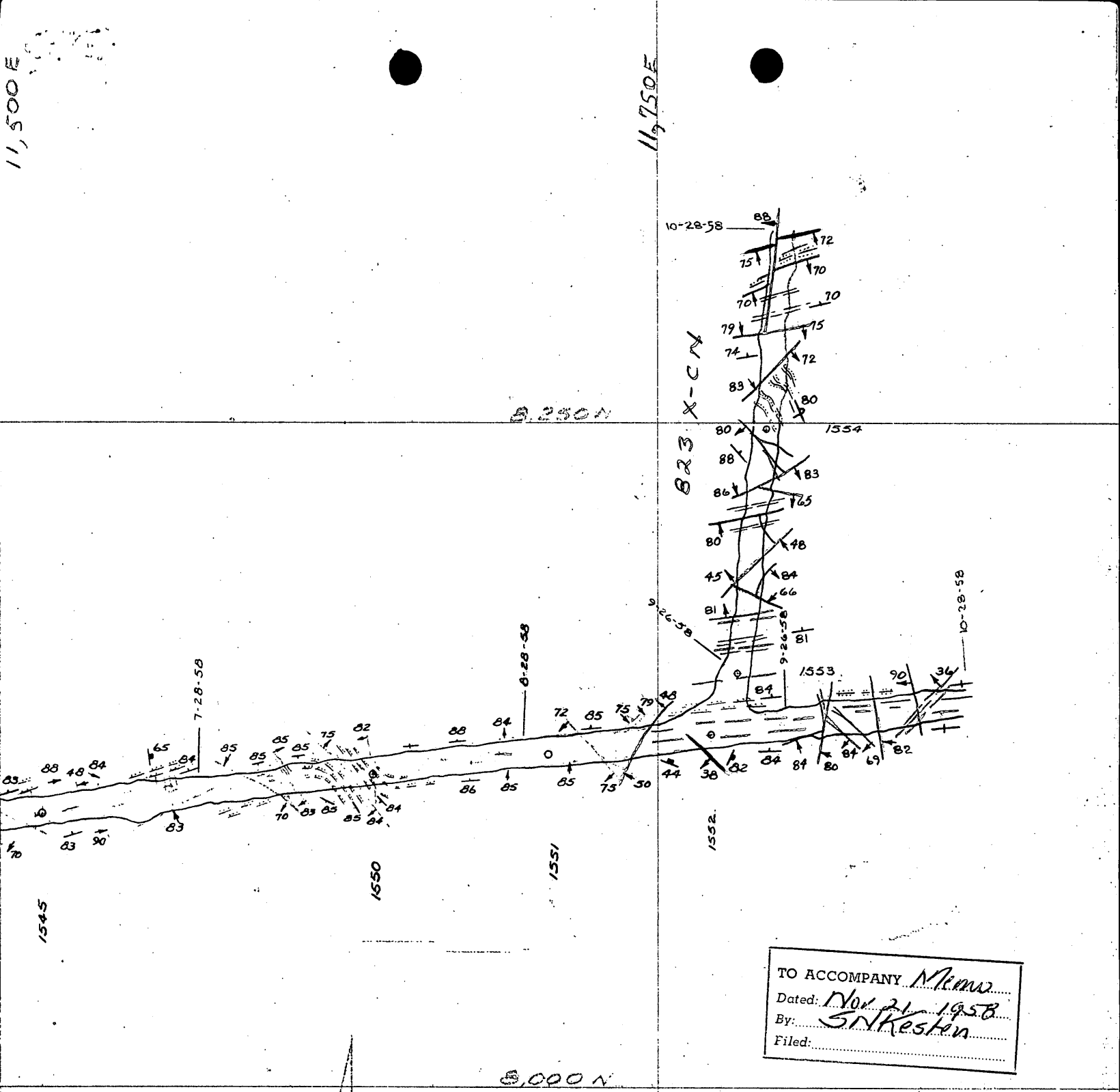
Supplement To OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134

Operator's Name - American Smelting and Refining Company Minerals - Lead and Zinc

Address - 120 Broadway, New York 5, N. Y., c/o Box 440, Wallace, Idaho

	Monthly Total	Totals Previously Reported	Totals To Date
Category 3 - Other Supplies:			
Drilling:			
Rods	202 88	1 156 61	1 359 49
Bits		2 143 41	2 143 41
Hose and Fittings		71 88	71 88
Other		18 59	18 59
Total Drilling	202 88	3 390 49	3 593 37
Rock Bolting:			
Bolts 4'			
Bolts 6'	152 21	1 881 48	2 033 69
Total Rock Bolts	152 21	1 881 48	2 033 69
Other Supplies:			
Cap Lamps	10 01	108 67	118 68
Hand Tools		16 07	16 07
Miscellaneous		80 13	80 13
Total Other Supplies	10 01	204 87	214 88
Power:			
Lighting	1 70	18 95	20 65
Auxiliary Ventilation	4 36	54 05	58 41
Compressed Air	231 21	1 265 25	1 496 46
Total Power	237 27	1 338 25	1 575 52
Total Category 3 - Other Supplies	602 37	6 815 09	7 417 46
Category 7 - Other:			
Underground Haulage	1 080 09	11 150 97	12 231 06
Interior Hoisting		12 155 00	12 155 00
Main Hoisting	1 001 57	10 128 87	11 130 44
Surface Haulage	142 72	1 238 10	1 380 82
Drainage	104 76	2 135 45	2 240 21
Main Ventilation	85 42	1 107 73	1 193 15
Life Insurance	57 55	526 93	584 48
Health and Accident Insurance	245 77	1 708 71	1 954 48
Vacation Allowances	177 35	1 830 99	2 008 34
Holidays	4 07	1 582 31	1 586 38
Pension Accruals	917 05	6 083 59	6 800 64
Dry Room	44 51	489 70	534 21
First Aid	18 64	158 33	176 97
Medical-Surgical	62 18	644 82	707 00
Timekeeping and Warehouse	99 89	887 78	987 67
Total Category 7 - Other	3 841 57	40 889 28	44 730 85



TO ACCOMPANY Memo
Dated: Nov 21 1958
By: SNKesten
Filed:

AMERICAN SMELTING AND REFINING CO. UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 11-11-58	Approved SNK	File No. N-150-P-167

EXTRA COPY O. M. E. RECEIVED DEC 1 1958		
DATE	INITIALS	CODE
		800

1201 N. Division St.
Spokane 2, Washington

November 26, 1958

Mr. J. S. Kieffer, Manager
American Smelting & Refining Company
Northwestern Mining Department
Wallace, Idaho

Re: Docket No. [illegible]-4718 (lead-zinc)
East Page Mine
Shoshone County, Idaho
Contract No. [illegible]-[illegible]

Dear Mr. Kieffer:

This will acknowledge receipt of your voucher and reports for October 1958 for the East Page mine project.

The reports are being returned to you for the corrections outlined in our letter of November 24, 1958, covering the manner in which the 3070-880 North Crosscut should be charged. We believe it will be less confusing if you will have your Accounting Department make the corrections.

Mr. Easton's Progress Report indicates the total length of the 3070-880 North Crosscut is 193.5 feet. Our engineer's measurement shows an allowable length of 188 feet calculated as follows:

Sta. 1552 to Sta. 1553	[illegible] ft.
Sta. 1553 to Sta. 1554	[illegible] "
Sta. 1554 to face	[illegible] "
	193.47 ft.
Less 3.5 ft. for 1/2 width of main crosscut (contract drift width of 7 ft.)	[illegible] "
	187.97 ft.

Say, 188 ft.

Enclosed are four conformed copies of a report of allowable rock bolts installed in the 3070 east drive, calculated in accordance with the terms of Amendment No. 1, dated September 26, 1958. The accounting is for the period from the start of the contract thru April 1958. Although 518 bolts were installed, only 511 are allowable.

Adjustments in the number of chlorophyll bulbs installed will be made periodically. Please also have the October reports corrected to conform to the foregoing. Including the 56 bulbs installed during October, the total will be 577.

By Field Team, Region I

L. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing U. Ignon, Director
U. S. Bureau of Mines

Enclosures

cc: CNR (3)
UNGS (2)
USBM (AD)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1201 N. Division St.
Spokane 2, Washington

May 16, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 19 1958

DATE	INITIAL	ISSUE
5/19	C	220
		800

AIR MAIL

Mr. Jay L. Chambers, Director
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D.C.

Re: American Smelting & Refining Co. (Lead-Zinc)
Docket No. DMEA-4712
Contract No. Idm-E1134

Dear Mr. Chambers:

I have reference to your letter dated May 8, 1958, requesting certain information pertaining to the American Smelting and Refining Company Contract No. Idm-E1134.

On October 9, 1957, in compliance with the Executive Officer's memorandum dated October 3, 1957, I spent the day at the American Smelting and Refining Company's office with Mr. W. J. Murphy, chief accountant, and Mr. Max C. Wood, accountant. During this visit I met Mr. J. C. Kieffer, manager, and Mr. S. M. Heaton, geologist. The purpose of this visit was to acquaint the accounting staff with the requirements of Forms MF-104 and MF-104A.

After a cursory examination of the Operator's cost records, I found that the exploration project would be integrated with the company's mining operations on five different levels of the mine (1800, 2400, 2700, 3070 and 3400 levels). The mining operations at this time require approximately 250 men and produce about 450 tons of ore daily. Effective May 19, 1958, the 3400 level will be discontinued and the balance of the mine will go on a four-day work week.

It was decided that all direct charges to the project be supported by appropriate documentation and that certain charges to the project such as hauling, use of shaft facilities, ventilation, etc., be prorated on an equitable basis.

Direct labor charges to the project are supported by photographic copies of the employee weekly time sheets, which include the employee's name, rate of pay, date and shift worked, place worked and total earnings. The direct supply items are supported by the warehouse requisitions, which include the items of materials used, unit price, amount, and place used.

Prorated items are prorated as follows:

Haulage, hoisting, and compressor charges are prorated to each operation on the basis of the total tons of ore, waste and supplies delivered to each operation.

Drainage charges are prorated to each operation on the basis of the total gallons of water pumped from each operation.

Lamp charges are prorated to each operation on the basis of the total number of lamps used at each operation.

Shift boss, ventilation and dry room are prorated to each operation on the basis of the total shifts worked at each operation.

Fringe benefits are prorated on the basis of direct labor at each operation.

The prorated items are all supported by copies of the accountant's work sheets which are attached to the monthly form MF-104.

Analyses of Category No. 3, Other Supplies and Category 7, Miscellaneous - Other, are enclosed. Considering the limited space on the forms MF-104, it will be necessary to consolidate some of these items. Would you prefer an extra sheet covering these items, to be attached to the form MF-104? Your suggestions on this would be appreciated before I request them to make a change.

Mr. J. D. Bardill, examining engineer, has just completed an inspection of the rock bolts used on the project. He has not compiled and completed his report yet, but believes at least 75 bolts in excess of the terms of the contract were used. The ground has been very bad, requiring more bolts than the contract allows. The Operator has given up rock bolts temporarily and has resorted to timbering in the present heading.

An adequate amount will be withheld from the Operator's next voucher to cover the excess bolts used.

C. A. Turner, Auditor

Enclosures

American Smelting and Refining Co.
Idm-E1134 DMEA-4712

Category 3 - Other Supplies

Operating Materials and Supplies Other Expense	October 1957	November 1957	December 1957	January 1958	February 1958	March 1958	Total
Drilling							
Rods	$108.84	$ 127.07	$ 142.05	$ 130.49	$ -	$ 130.69	$ 639.14
Bolts	213.75	440.00	247.15	160.60	146.00	233.60	1,441.10
Hose and fittings	71.88	-	-	-	-	-	71.88
Other	-	-	-	-	5.20	-	5.20
Total	394.47	567.07	389.20	291.09	151.20	364.29	2,157.32
Rock Bolting							
Bolts 4'	-	-	-	-	-	-	-
Bolts 6'	373.92	435.42	516.60	128.94	87.12	68.88	1,610.88
Total	373.92	435.42	516.60	128.94	87.12	68.88	1,610.88
Other Supplies							
Cap Lamps	4.29	7.15	7.15	10.01	10.01	10.01	48.62
Hand Tools	-	-	4.04	12.03	-	-	16.07
Miscellaneous	43.75	5.68	-	10.57	7.55	-	67.55
Total	48.04	12.83	11.19	32.61	17.56	10.01	132.24
Power							
Lighting	.73	1.21	1.23	1.34	1.18	1.86	7.55
Auxiliary Ventilation	1.76	2.83	3.62	5.29	4.41	5.00	22.91
Compressed Air	43.61	80.16	239.32	79.40	65.73	97.88	606.10
Total	46.10	84.20	244.17	86.03	71.32	104.74	636.56
Total for month	$862.53	$1,099.52	$1,161.16	$ 538.67	$ 327.20	$ 547.92	$ -
Total to date	$862.53	$1,962.05	$3,123.21	$3,661.88	$3,989.08	$4,537.00	$4,537.00

Category 7 - Miscellaneous - Other

Other Miscellaneous Expense	October 1957	November 1957	December 1957	January 1958	February 1958	March 1958	Total
Underground Haulage	$ 379.58	$ 672.90	$ 849.54	$ 1,087.75	$ 1,028.21	$ 1,297.37	$ 5,315.35
Interior Hoisting	-	-	-	-	-	1,215.00	1,215.00
Main Hoisting	297.40	999.28	939.32	712.99	748.29	1,053.94	4,751.22
Surface Haulage	37.37	103.99	108.83	81.77	109.11	140.58	581.65
Drainage	284.93	393.42	226.78	292.89	192.39	138.33	1,528.74
Main Ventilation	19.57	59.41	80.63	154.48	86.34	108.21	508.64
Life Insurance	14.79	36.09	33.57	36.29	40.10	58.22	219.06
Health and Accident Insurance	60.32	118.79	107.21	120.14	129.73	192.49	728.68
Vacation Allowances	63.05	121.60	-	145.15	163.06	237.70	730.56
Holidays	-	190.44	178.01	193.45	217.47	1.30	780.67
Pension Accruals	193.87	379.78	356.61	379.04	417.17	689.59	2,416.06
Dry Room	46.58	58.35	64.24	26.26	30.42	48.83	274.68
First Aid	12.50	1.41	10.41	.99	7.30	65.49	98.10
Medical-Surgical	41.98	42.14	18.81	61.13	40.62	113.78	318.46
Timekeeper and Warehouse	30.83	60.98	55.84	60.01	70.25	101.52	379.43
Total for month	$1,482.77	$3,238.58	$3,029.80	$ 3,352.34	$ 3,280.46	$ 5,462.35	-
Total to date	$1,482.77	$4,721.35	$7,751.15	$11,103.49	$14,383.95	$19,846.30	$19,846.30

E 1134 as of Feb. 26, 1958

Crosscutting (7'x9')	678'	
less: Timbering	268.7'	
Untimbered Heat	409.3'	
Cap Sidings (594 ÷ 63)	9.4'	approx equiv
Untimbered Heat + Sidings	418.7'	
Max. allow. Rock Bolts	586 ea.	@ 7 to 5' sec.
Claimed Rock Bolts	564 ea	

(Above called to Mr. Brownlee's attention on 5/6/58

Work Item No. 6 (page 3 of Exh. a) limits rock bolting to "not to exceed 7 bolts per section of 5 linear feet."

Footnote No. 2 (page 5 of Exh. a) limits the allowable maximum unit costs of timbering replacing previous rock bolting to the difference between the allowable cost per foot of rock bolting and the allowable cost per foot of timbering.

MAY 8 1958

Mr. C. A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idm-E1134, DMEA-4712 (Lead-Zinc)
American Smelting & Refining Co.

Dear Mr. Turner:

The referenced Operator has claimed over 30 percent of the project costs as "Other" under Category (7) Miscellaneous. I assume that these costs have been supported by appropriate documentation, since we have not had notice of any waiver by the Executive Officer. Accordingly, I would appreciate your review of the MF-104s for October 1957 to date and advice as to the items or sub-classifications of costs included in the Operator's title of "Other".

By memorandum dated October 3, 1957, you were asked by the Executive Officer to instruct the Operator's accountants in the proper preparation of the MF-104 and MF-104A. Therefore, I believe it would be appropriate for you to request the accountants to furnish the major sub-classifications of these "Other" costs on future MF-104s. The blank lines on the form immediately following Categories (7) and (8) can be used for this purpose.

A review of the MF-104As for this project indicates the possibility of a rock bolting situation similar to that under Idm-E732, DMEA-3406, Hecla Mining Company. Through February 1958 the crosscutting aggregated 678 feet, of which 268.7 feet were timbered. A total of 564 rock bolts has been claimed for the untimbered balance of 409.3 feet (plus car sidings). Unless the entire untimbered portion of the crosscut has been bolted quite uniformly, it appears that the rock bolting claim may be in excess of the contractual limitation of "not to exceed 7 bolts per section of 5 linear feet". In order to avoid a possible overpayment I suggest that you discuss this matter with the Field Team and the Certifying Officer.

Sincerely yours,

(Signed) J. L. Chambers

EDTalbert/sma
May 8, 1958

Jay L. Chambers, Director
Contract Administration
and Audit Division

Copy to: Docket
Admr. Reading File
Mr. Weissenborn
Mr. Chambers

RECEIVED
BUREAU OF MINES
APR 29 1958
SPOKANE, WASH.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED MAY 9 1958

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1958 Docket No. DMEA 4712 Contract No. ITH-C 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $660,206 Government Participation: 50% Amount, $330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	3,833.33	12,639.74	16,473.07	3833.33	12,639.74	16,473.07
Supervision	288.71	682.54	971.25	288.71	682.54	971.25
Technical Services	227.00	602.00	829.00	227.00	602.00	829.00
(3) Operating Mat'ls. and Supplies:						
Timber	913.78	2,083.08	2,996.86	913.78	2083.08	2996.86
Explosives	1,116.04	4,378.63	5,494.67	1116.04	4378.63	5494.67
Pipe	1,474.28	4,853.77	6,328.05	1474.28	4853.77	6328.05
Track	586.73	1,564.23	2,150.96	586.73	1564.23	2150.96
Other	547.92	3,989.08	4,537.00	547.92	3989.08	4537.00
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	891.98	1,070.38	178.40	891.98	1070.38
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	5.50	423.11	428.61	5.50	423.11	428.61
Sampling and Analysis						
Payroll Taxes	216.73	474.89	691.62	216.73	474.89	691.62
Liability Insurance	123.16	435.03	558.19	123.16	435.03	558.19
Other	5,462.35	14,383.95	19,846.30	5462.35	14383.95	19846.30
(8) Contingencies (specify): Less in Excess of Maximum				2266.78	15,219.38	20486.16
TOTALS	14,973.93	47,102.03	62,375.96	9707.15	32,182.65	41,889.80

I certify that the above bill is correct and just and that payment therefor has not been received.

Date April 21, 1958 Payee American Smelting and Refining Company

Per J. L. Kieser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4853.58

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 5/1/58 Vou. No. 2154

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature /s/ John L. Sandell Title Metallurgist Date April 22, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec Officer Date April 30, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

DMEA-104A
(April 1962)

Budget Bureau No. 42-R1151.2

RECEIVED MAY 5 1958 DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 8 Docket No. DMEA 1712 Contract No. DMEA-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N. Y. Box 140, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~or~~ Crosscutting	Ft.	12,683.76	203.7	49,686.93	881.7	56.35	12,485	40.00
~~Crosscutting~~ D.D.Station	"						300	35.00
~~Raising~~ Timbering	"	1,941.24	124.3	7,860.40	393.0	20.00	3,950	10.50
~~Shafts~~ Rock Bolting	Each	146.60	34	4,177.36	598	6.99	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.	202.33	300	651.27	893	.73	14,800	.45
Drilling: ~~Core~~ AX	Ft.							6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"							.40
~~Stripping~~ Core Boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		14,973.93		62,375.96				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		14,973.93		62,375.96				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date April 21, 1958 Operator American Smelting and Refining Company

Per J. C. Kieser Title Manager

REMARKS:

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John A. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

5

Wallace, Idaho
April 21, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - MARCH 1958

During March, the drive advanced 203.7 feet for a total of 881.7 feet to date. The work exposed light grey to buff quartzite which is highly fractured throughout the first 130 feet of advance. In the last 70 feet, the ground is sufficiently competent to make timbering unnecessary. The bedding parallels the drift and dips steeply to the north. No mineralization is exposed in the month's advance.

Plate I is a 50-scale geologic plan of the pertinent portion of the 3070 level.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

SNK:ajm
Attachment

Form MI-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED APR 11 1958 DMEA

Month of February, 1958 Docket No. DMEA 4712 Contract No. ITM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,741.08	9,898.66	12,639.74	2741.08	9898.66	12,639.74
Supervision	172.30	510.24	682.54	172.30	510.24	682.54
Technical Services	182.00	420.00	602.00	182.00	420.00	602.00
(3) Operating Mat'ls. and Supplies:						
Timber	932.07	1,151.01	2,083.08	932.07	1151.01	2083.08
Explosives	529.36	3,849.27	4,378.63	529.36	3849.27	4378.63
Pipe	843.21	4,010.56	4,853.77	843.21	4010.56	4853.77
Track	178.09	1,386.14	1,564.23	178.09	1386.14	1564.23
Other	327.20	3,661.88	3,989.08	327.20	3661.88	3989.08
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	713.58	891.98	178.40	713.58	891.98
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		423.11	423.11		423.11	423.11
Sampling and Analysis						
Payroll Taxes	142.63	332.26	474.89	142.63	332.26	474.89
Liability Insurance	82.52	352.51	435.03	82.52	352.51	435.03
Other	3,280.46	11,103.49	14,383.95	3280.46	11103.49	14383.95
(8) Contingencies (specify):						
Lunch Expense				416.70	11050.36	15,117.33
Mapimum						
TOTALS	9,589.32	37,812.71	47,402.03	5420.30	26762.35	32182.65

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Mar. 20, 1958 *Payee American Smelting & Refining Co.

ORIGINAL SIGNED

Per L. C. Kennedy Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2710.15

Signature Stanley F. Long
(Authorized Certifying Officer)

Date 4/7/58 Vou. No. 2141

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6 1134 in accordance with the terms of the contract.

Signature /s/ John T. Bardill Title Metallurgist Date March 24, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. B. Weissenborn Title Exec. Officer Date April 1, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED APR 11 1958 D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 140, Wallace, Idaho

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting-Crosscutting	Foot	7,033.37	125	37,003.17	678	54.58	12,485	40.00
~~Crosscutting~~ D.D.Stations	#						300	35.00
~~Raising~~ Timbering	#	3,892.07	125	5,919.16	268.7	22.03	3,950	10.50
~~Shafts~~ Rock Bolting	Each	257.11	32	4,030.76	564	7.15	4,000	3.50
~~Winze~~ Car Sidings	Cu.Ft.	1,593.23	*-1,796	448.94	593	.76	14,800	.45
Drilling: ~~Core~~ AX	Foot				594			6.60
~~Churn~~ EX	#						11,855	6.40
~~Auger~~ Incld.	#							.40
~~Stripping~~ Core boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
Total Distributed Costs		9,589.32		47,402.03				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		9,589.32		47,402.03				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Mar. 20, 1958 Operator American Smelting and Refining Company

Per ORIGINAL SIGNED J. C. KIEFFER Title Manager

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Remarks: * Adjustment for 1,796 cu. ft. enlarging drift for timbering erroneously charged to car sidings. See your letter of 3-14-58.

(For Government use only)

/s/ John D. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
March 20, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - FEBRUARY 1958

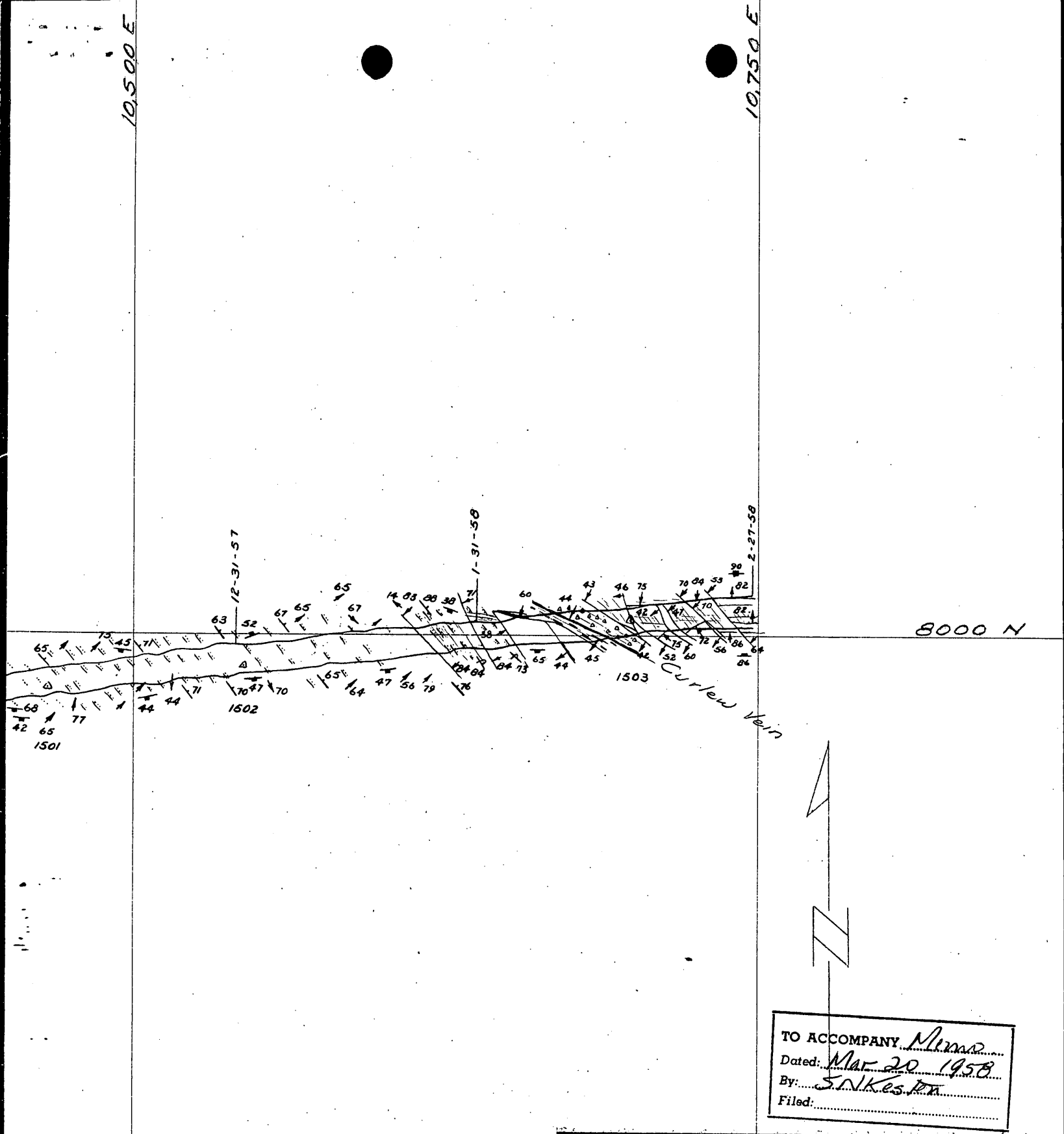
During February 1958, the East Page Drive was advanced 125.0 feet for a total of 678.0 feet to date. Advance was through highly fractured and sheared Revett quartzite. The Curlew Vein was intersected at approximately 40 feet east of the face at last month's end and, as seen in the heading, strikes N. 70° W. and dips 44° SW. There is a 2-inch to 3-inch seam of black pyritic gouge and chlorite, with no significant values, with 4 feet of discontinuous barren quartz stringers in the hanging wall. The footwall, for a width of 8 to 10 feet, consists of highly brecciated and sericitized quartzite, containing unusually large amounts of disseminated pyrite.

Plate I is a 50-scale geologic plan of the pertinent portion of the 3070 level.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN



TO ACCOMPANY Memo
Dated: Mar 20 1958
By: S.N.Kesten
Filed:

AMERICAN SMELTING AND REFINING CO. UNIT: PAGE				
GEOLOGY	3070 LEVEL GEOLOGY EAST PAGE DRIVE			
Scale 1"=50'	Drawn SHH	Date 3-3-58	Approved SNK	File No. N-150-P-167

OFFICIAL FILE COPY
DMEA
RECEIVED APR 11 1958

DATE	INITIALS	CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1958 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N. Y., c/o Box 140 Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,971.47	6,927.19	9,898.66	2971.47	6927.19	9898.66
Supervision	182.04	328.20	510.24	182.04	328.20	510.24
Technical Services		420.00	420.00		420.00	420.00
(3) Operating Mat'ls. and Supplies:						
Timber	1,151.01		1,151.01	1151.01		1151.01
Explosives	660.30	3,188.97	3,849.27	660.30	3188.97	3849.27
Pipe	2,810.42	1,200.14	4,010.56	2810.42	1200.14	4010.56
Track	287.99	1,098.15	1,386.14	287.99	1098.15	1386.14
Other	538.67	3,123.21	3,661.88	538.67	3123.21	3661.88
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	535.18	713.58	178.40	535.18	713.58
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	19.38	403.73	423.11	19.38	403.73	423.11
Sampling and Analysis						
Payroll Taxes	139.92	192.34	332.26	139.92	192.34	332.26
Liability Insurance	81.00	271.51	352.51	81.00	271.51	352.51
Other	3,352.34	7,751.15	11,103.49	3352.34	7751.15	11,103.49
(8) Contingencies (specify): Less in Species by Mapimeo				[illegible]	[illegible]	[illegible]
TOTALS	12,372.94	25,439.77	37,812.71	6456.60	20305.75	26762.35

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Feb. 19, 1958 *Payee American Smelting and Refining Company

Per J. C. Kisser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3228.20

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 3/3/58 Vou. No. 2126

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 11134 in accordance with the terms of the contract.

Signature /s/ John D. Dardill Title Metallurgist Date Feb. 24, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wing T. Agnew Title Acting Exec. Date 2-28-58

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED MAR 7 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 195 8 Docket No. DMEA 4712 Contract No. DDM-E 1134

Operator's Name American Smelting and Refining Company Minerals Lead and Zinc

Address 120 Broadway, New York 5, N. Y., c/o Box 440 Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting ~~Crosscutting~~ Crosscutting	Foot	8,241.97	97.3	29,969.80	553.0	54.19	12,485	40.00
~~Crosscutting~~ D.D. Stations	"						300	35.00
~~Raising~~ Timbering	"	2,027.09a	143.7	2,027.09	143.7	14.11	3,950	10.50
~~Shafts~~ Rock Bolting	Each	361.70	49	3,773.65	532b	7.09	4,000	3.50
~~Winzes~~ Car Sidings	Cu.ft.	1,742.18	1,965	2,042.17	2,390	.85	14,800	.45
Drilling: ~~Core~~ AX	Foot							6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"							.40
~~Stripping~~ Core boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		12,372.94		37,812.71				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		12,372.94		37,812.71				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Feb. 19, 1958 Operator American Smelting and Refining Company

Per J. L. Kissort Title Manager

REMARKS:
(a) Cost of timbering includes credit for 56 rock bolts @ 3.50 each that were in re-timbered area.
(b) Rock bolt "Units to Date" have been reduced by 56 account of credit to timbering

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John D. Darsie

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
February 19, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - JANUARY 1958

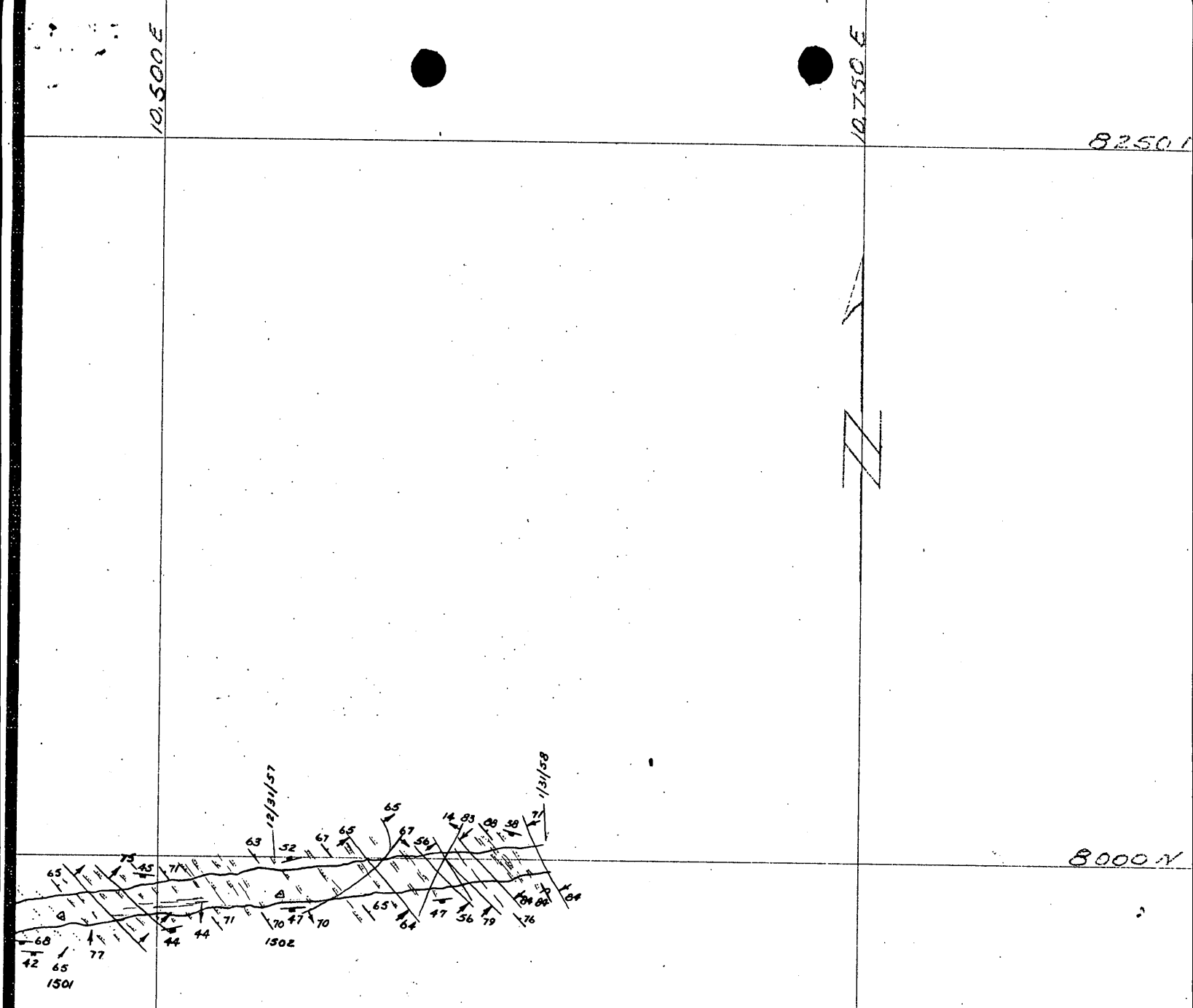
During January 1958, the East Page Drive advanced 97.3 feet for a total to date of 553.0 feet. Advance was through thin-bedded, light grey to buff slightly argillaceous quartzites. The beds strike northwesterly and dip steeply northeasterly, but at the face at the end of the period the bedding is overturned and dips steeply to the southwest. There are numerous minor bedding plane faults. Advance was curtailed by the necessity for timbering but near the face rock bolting was resumed.

Plate I is a 50-scale geologic plan of the pertinent portion of the 3070 level.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN



TO ACCOMPANY Memo
Dated: Feb 19 1958
By: S N Kesten
Filed:

PAGE MINE
3070 LEVEL
EAST PAGE DRIVE
1" = 50
2-3-58 SHH
From File No. N-150-P-167
PLATE I

EXTRA COPY
RECEIVED 7 58
DATE CODE

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1957 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. c/o Box 440 Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,927.46	3,999.73	6,927.19	2927.46	3999.73	6927.19
Supervision	136.85	191.35	328.20	136.85	191.35	328.20
Technical Services		420.00	420.00		420.00	420.00
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives	1,333.00	1,855.97	3,188.97	1333.00	1855.97	3188.97
Pipe	448.52	751.62	1,200.14	448.52	751.62	1200.14
Track	511.85	586.30	1,098.15	511.85	586.30	1098.15
Other	1,161.16	1,962.05	3,123.21	1161.16	1962.05	3123.21
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	178.40	356.78	535.18	178.40	356.78	535.18
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	241.14	162.59	403.73	241.14	162.59	403.73
Sampling and Analysis						
Payroll Taxes	64.96	127.38	192.34	64.96	127.38	192.34
Liability Insurance	106.49	165.02	271.51	106.49	165.02	271.51
Other	3,029.80	4,721.35	7,751.15	3029.80	4721.35	7751.15
(8) Contingencies (specify): Less in Excess of Maximum						
TOTALS	10,139.63	15,300.14	25,439.77	8631.00	11,674.75	20305.75

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Jan. 22, 1958 *Payee American Smelting and Refining Company

Per J. L. Hiesser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4315.50

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 2/5/58 Vou. No. 2112

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1134 in accordance with the terms of the contract.

Signature 1s/ John D. Bardill Title Metallurgist Date Jan. 31, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1s/ A. E. Weissenborn Title Exec. Officer Date Feb. 4, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form ME-104A
(April 1962)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED FEB 10 1958

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1957 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N. Y. c/o Box 440 Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting ~~Crosscutting~~	Foot	8,723.68	197.4	21,727.83	455.7	47.68	12,485	40.00
~~Crosscutting~~ D.D. Stations	"						300	35.00
~~Raising~~ Timbering	"						3,950	10.50
~~Shafts~~ Rock Bolting	Each	1,415.95	210	3,411.95	539	6.33	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.			299.99	425	.71	14,800	.45
Drilling: ~~Core~~ AX	Foot							6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incid.	"							.40
~~Stripping~~ Core Boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		10,139.63		25,439.77				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		10,139.63		25,439.77				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Jan. 22, 1958 Operator American Smelting and Refining Company

Per J. L. Kieser Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

1/s John D. Bardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
January 22, 1958

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE
PROGRESS REPORT - DECEMBER 1957

During December 1957, the East Page Drive advanced 197.4 feet for a total to date of 455.7 feet. Advance was through fine-grained massive quartzites and thin-bedded argillaceous quartzites. General trend of bedding is N. 50° W., 70° NE., and minor faulting parallels the bedding.

Plate I is a 50-scale geologic plan of the pertinent portion of the 3070 level.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

Form MF-101 (April 1952)

RECEIVED JAN 9 1958 D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1957 Docket No. DMEA 4712 Contract No. IIM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. c/o Box 440, Wallace, Ida.
Contract Amount, $ 660,206 Government Participation: 50% Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,524.28	1,475.45	3,999.73	2524.28	1475.45	3999.73
Supervision	121.63	69.72	191.35	121.63	69.72	191.35
Technical Services	375.00	45.00	420.00	375.00	45.00	420.00
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives	1,325.83	530.14	1,855.97	1325.83	530.14	1855.97
Pipe	496.81	254.81	751.62	496.81	254.81	751.62
Track	316.26	270.04	586.30	316.26	270.04	586.30
Other	1,099.52	862.53	1,962.05	1099.52	862.53	1962.05
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	187.03	169.75	356.78	187.03	169.75	356.78
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	103.72	58.87	162.59	103.72	58.87	162.59
Sampling and Analysis	-	-	-			
Payroll Taxes	81.00	46.38	127.38	81.00	46.38	127.38
Liability Insurance	108.74	56.28	165.02	108.74	56.28	165.02
Other	3,238.58	1,482.77	4,721.35	3238.58	1482.77	4721.35
(8) Contingencies (specify): Less in Excess of Maximum				[illegible]	[illegible]	[illegible]
TOTALS	9,978.40	5,321.74	15,300.14	7757.55	3917.20	11674.75

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Dec. 19, 1957 *Payee American Smelting and Refining Company

Per J. L. Kinsey Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 3878.78

Signature Dorothy F. Lang (Authorized Certifying Officer)

Date 1/2/58 Vou. No. 2093

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6-1134 in accordance with the terms of the contract.

Signature /s/ John D. Bardill Title Metallurgist Date Dec. 23, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. C. Weissenborn Title Exec. Officer Date Dec. 30, 1957

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
JAN 9 1958
D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1957 Docket No. DMEA 4712 Contract No. ~~DMA-P~~ 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. & Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting Crosscutting	Foot	8,714.33	176.1	13,004.15	258.3	50.35	12,485	40.00
~~Crosscutting~~ DD Stations	"						300	35.00
~~Raising~~ Timbering	"						3,950	10.50
~~Shafts~~ Rock Bolting	Each	1,122.45	177	1,996.00	329	6.07	4,000	3.50
~~Winzes~~ Car Sidings	Cu.Ft.	141.62	209	299.99	425	.71	14,800	.45
Drilling: ~~Core~~ AX	Foot							6.60
~~Churn~~ EX	"						11,855	6.40
~~Auger~~ Incld.	"							.40
~~Steipping~~ Core Boxes	Each						290	3.40
~~Trenching~~ Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		9,970.40		15,300.14				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		9,970.40		15,300.14				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Dec. 19, 1957 Operator American Smelting and Refining Company

Per J. L. Hieber Title Manager

REMARKS:

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John A. Bardill

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
December 18, 1957

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE

During November the East Page Drive advanced 176.1 feet for a total to date of 258.3 feet. Advance was through light gray Revett quartzite, but near the month-end face the formation changed to hard, thin-bedded, light gray to buff, argillaceous quartzite. General trend of bedding is N. 50° W., 65° NE. At about 95 feet from the face, there was exposed a strong fault striking N. 60° W. and dipping 85° SW. The fault offsets the bedding, the hanging wall to the southeast.

Plate I is a 50-scale geologic plan of the pertinent portion of the 3070 level.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

SNK:ajm

MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1957 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N.Y. c/o Box 440, Wallace, Idaho
Contract Amount, $ 660,206 Government Participation: 50 % Amount, $ 330,103

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1,475.45		1,475.45	1475.45		1475.45
Supervision	69.72		69.72	69.72		69.72
Technical Services	45.00		45.00	45.00		45.00
(3) Operating Mat'ls. and Supplies:						
Timber	-		-			
Explosives	530.14		530.14	530.14		530.14
Pipe	254.81		254.81	254.81		254.81
Track	270.04		270.04	270.04		270.04
Other	862.53		862.53	862.53		862.53
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	169.75		169.75	169.75		169.75
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	58.87		58.87	58.87		58.87
Sampling and Analysis	-		-			
Payroll Taxes	46.38		46.38	46.38		46.38
Liability Insurance	56.28		56.28	56.28		56.28
Other	1,482.77		1,482.77	1482.77		1482.77
(8) Contingencies (specify): Investigation of Mapimoan				14 of 60		[illegible]
TOTALS	5,321.74		5,321.74	3917.20		3917.20

I certify that the above bill is correct and just and that payment therefor has not been received.

Date November 26, 1957 Payee American Smelting and Refining Company

Per J. C. Kieser Title Manager

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1958.60

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 12/11/57 Vou. No. 2089

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1134 in accordance with the terms of the contract.

Signature /s/ John A. Bardill Title Metallurgist Date Dec. 2, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Dec. 5, 1957

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(*a*) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(*b*) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(*c*) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

F-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1957 Docket No. DMEA 4712 Contract No. IDM-E 1134
Operator's Name American Smelting and Refining Company Minerals Lead and Zinc
Address 120 Broadway, New York 5, N. Y.
% Box 440, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting crosscutting	Foot	4,289.82	82.2	4,289.82	82.2	52.19	12,485	40.00
Crosscutting D.D.Stations	"						300	35.00
Raising Timbering	"						3,950	10.50
Shafts Rock Bolting	Each	873.55	152	873.55	152	5.75	4,000	3.50
Winzes Car Sidings	Cu.Ft.	158.37	216.0	158.37	216.0	.73	14,800	.45
Drilling: Core AX	Foot							6.60
Churn EX	"						11,855	6.40
Auger Incid.	"							.40
Stripping Core Boxes	Each						290	3.40
Trenching Assaying	Det.						4,200	1.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		5,321.74		5,321.74				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		5,321.74		5,321.74				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date November 26, 1957 Operator American Smelting and Refining Company

Per J. L. Kieser Title Manager

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ John A. Sardill

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Wallace, Idaho
November 27, 1957

MEMORANDUM FOR MR. J. C. KIEFFER

PAGE MINE
3070 EAST PAGE DRIVE

During October, the drive advanced 82.2 feet through medium-bedded light gray Revett quartzite, containing disseminated crystals of pyrite. The general strike of the bedding is NW-SE, and the dip is 60° to 87° NE. There are numerous minor faults which are sub-parallel to the bedding.

Plate I is a 50-scale geologic plan of the pertinent portion of the 3070 level.

Respectfully submitted,

Original Signed by
S. N. KESTEN

S. NORMAN KESTEN

SNK:ajm

NON-PRIVILEGED DOCUMENT

TO BE PHOTOCOPIED AND PRODUCED

DO NOT CODE

BATES NO. 04000

No. 157 Howard Street
Spokane 4, Washington
February 15, 1961

Memorandum

To: Files

From: D. R. Maclaren DRM

Subject: MSHA-4712 (Lead-Zinc)
American Smelting & Refining Co.
Star Page Mine
Shoshone County, Idaho
Contract Ida-X113A

Norman Keaton telephoned the office on February 9, 1961, advising that project work had been started late in December 1960 and to ask permission to turn the drift slightly to the north until the bad ground in the fault zone has been crossed. He was told a slight turn as requested would be approved.

cc: CMM(2)
Maclaren
Director
Econ. Geol.
MRM

EXTRA COPY
O. M. E
RECEIVED FEB 7 1961
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Audit's copy

EXPLORATION PROJECT CONTRACT
AMERICAN SMELTING AND REFINING COMPANY
DOCKET NO. DMEA-4712

AMENDMENT NO. 2

WHEREAS, Contract No. Idm-41138, Docket No. DMEA-4712, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration (heretofore Defense Minerals Exploration Administration), hereinafter called the "Government," and the American Smelting and Refining Company, hereinafter called the "Operator," dated September 18, 1957, as amended, provides for contribution by the Government largely on the basis of actual costs; and

WHEREAS, it has been found by experience to date that the actual costs for all items far exceed the maximums allowed by the Contract, and there is small likelihood that the actual costs in the future could become significantly less than heretofore; and

WHEREAS, auditing and accounting costs would be greatly diminished by placing the Government's contributions to all items on a fixed, unit-cost basis;

NOW, THEREFORE, it is agreed this 1st day of June, 1959, that said Contract is further amended as of the date hereof as follows:

In Exhibit "A", under the title, "Estimated Costs of the Project", everything is deleted and the following is substituted:

Estimated Costs of the Project

Actual Costs

Category (1) Independent Contracts

11,855 feet of diamond drilling
AX size or larger @ $6.60/ft.
BX size @ $6.40/ft. $ 78,243.00

The above rates include charges for reaming and casing, cementing and redrilling, changing locations, and all other charges whatsoever that may be incurred by the diamond drill contractor.

SEP 14 1953
O.M.E.

Neither the cost nor the value of casing left in drill holes at option of Operator will be accepted as a charge to the contract.

Fixed Unit Costs (See paragraph (f), Article 13 (Annex II))

Incidental allowance 1/for each foot of drilling completed 11,855 feet @ $0.40/ft.	$ 4,742.00	
Core boxes, 890 @ $3.40/each (wooden)	986.00	
Assaying, 4,200 determinations @ $1.00/each	4,200.00	
Drifting and/or crosscutting 12,485 feet @ $40.00/ft.	499,400.00	
Diamond drill stations, 300 feet @ $35.00/ft.	10,500.00	
Timbering drifts and crosscuts 2/ 3,950 feet @ $10.50/ft.	41,475.00	
Rock bolting 2/, 4,000 bolts @ $3.50/bolt	14,000.00	
Car sidings excavation (side-swiping), 14,800 cubic feet @ $0.45/cu. ft.	6,660.00	$531,963.00
Estimated Total Cost of the Project		$660,206.00
Government Participation @ 50%		$330,103.00

1/ Includes all costs of diamond drilling that might be allowed costs of the project under Categories (1) through (7) of Article 6(a), except as otherwise scheduled in Exhibit "A".

2/ If it is necessary to replace a rock bolted section with timbering, the maximum unit cost of such timbering shall be computed by deducting the allowable cost per foot of rock bolting from the allowable cost per foot of timbering.

SEP 14 1959
O.M.E.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, the amount of any item designated as "maximum", or the fixed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

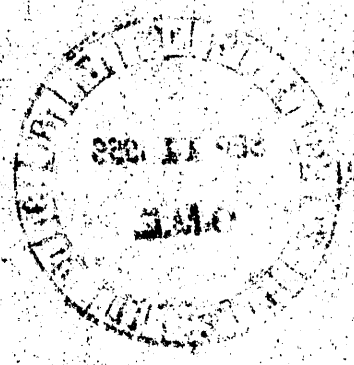
THE UNITED STATES OF AMERICA

By Frank E. Johnson
Acting Director, Office of
Minerals Exploration

AMERICAN SMELTING AND
REFINING COMPANY

By [illegible]

Title Vice President



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O.M.E.

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RECEIVED MAR 23 1959
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800

No. 177 Howard Street
Spokane 4, Washington

March 19, 1959

Mr. S. Norman Keeten
American Smelting and Refining Co.
P. O. Box 440
Wallace, Idaho

Re: Docket No. DMRA-4712 (Lead-Zinc)
Milk Page Mine
Shoshone County, Idaho
Contract No. Ida-X1134

Dear Mr. Keeten:

In further reference to your letter of February 16, 1959, and our reply of February 18, 1959, we have been informed by our Washington office that your request for an amendment to your DMRA contract increasing the presently authorized 25 linear feet to 30 feet for each of 18 diamond drill stations has not been approved.

Regarding the possible extension of the completion date beyond September 1, 1962, we have been advised to notify you that DMRA is now in process of liquidation and that the possibility of obtaining an extension beyond the present termination date is extremely doubtful.

By Field Team Region I

A. E. Weissenborn, Mine. Officer
U. S. Geological Survey

Wing C. Agnew, Member
U. S. Bureau of Mines

cc: OME (2)
USBM(2)
USBM(AD)
Sample

1134

4712

June 22, 1961
Terminated Contract

American Smelting & Refining Company
120 Broadway
New York 5, New York

September 18, 1957	I	Idaho	Lead-Zinc
	0		$330,103.00
	0		0
	0		176,046.75
	0		$154,056.25

DMEA Form 14

Contract No. Idm-E 1134

Docket No. 4712

DEPARTMENT OF THE INTERIOR

Executed contract

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Obligation Document

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
September 18, 1957	I	Idaho	Lead-Zinc

Name and Address of Operator: American Smelting & Refining Co.
Mining Department
120 Broadway
New York 5, N. Y.

	Reserve	Obligation
Prior Amount	330,103.00	0
Increase	0	330,103.00
Decrease	330,103.00	0
Revised Amount	0	330,103.00

Remarks:

(Name)
Allen S. Daken, Chief
Operations Control and
Statistics Division
(Title)

Date delivered to Bureau of Mines, Washington 9/30/57

22845

Au[illegible]t copy

MF-200
(Revised June 1954)

Docket No. DMEA - 4712

Commodity Land-Zinc

Contract No. Idm-E 1134

RECEIVED SEP 30 1957 D.M.E.A.

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 18 SEP 1957 day of ....., 195..., between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] American Smelting and Refining Company, a New Jersey corporation,

whose mailing address is American Smelting and Refining Company, Mining Department 120 Broadway, New York 5, N. Y.,

hereinafter called the "Operator," as follows:

ARTICLE 1. *This contract* is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200), the attached Exhibit "A," Annex I, ~~and~~ Annex II, and two maps.

The Operator shall not transfer or assign this contract or any right thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of Idaho, County of Shoshone, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] See Annex I of [5] in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] ....., [7] ....recorded in Book ....., page ....., official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: Interests of lessors described in Annex I.

(c) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above, and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

of the land (lessor, seller, optionor, etc.), are attached, as follows: Consents to Lien and Subordination Agreements of lessors are waived.

(d) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, the Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. If the Government makes no certification of discovery or development within the time limited in Article 8, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 8(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of lead and zinc. The work to be performed is described in Exhibit "A." The Operator on or before September 1, 1957, shall commence the work, and on or before September 1, 1962 (unless the Operator's obligation to prosecute the work is terminated—see Article 10) shall have completed the work. See Annex II.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(b) *Independent contracts.*—To the extent that the allowable costs are estimated in Exhibit "A" with express reference to performance by independent contractors on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations), the work may be so performed; but if the reference in Exhibit "A" to any such independent contract requires the Government's approval thereof, payments under such contract will not be allowable costs unless the Government gives its written approval of the contract. Any such independent contract shall refer to some specific and identifiable part of the work, and shall be subject to all of the pertinent terms and conditions of this exploration contract; but the Government shall not be considered a party thereto, and its rights under this contract, including the right to terminate its contributions, shall not be affected thereby. Regardless of the provisions of any such independent contract and regardless of the Government's approval thereof, the Government will participate in payments to the independent contractor only on account of work performed in accordance with the provisions of this exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable.

(c) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after a certification of discovery or development to inspect production operations and underground workings. The operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 5. *Contribution by the Government.*—The estimated total allowable cost of the project, set forth in Exhibit "A," is the sum of $660,206.00. The Government shall contribute 50 percent of the allowable costs as they are incurred in a total sum not in excess of $330,103.00: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last

voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work or not in excess of the amount of the Government's contribution to the cost of property which is or may become subject to disposal as provided in Article 9(c), whichever is greater. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 7(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. "Costs incurred" mean costs that have been paid or have become due and payable, or that in the opinion of the Government have become an obligation. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *Estimated costs.*—(a) *Categories of costs.*—The allowable costs of the work to which the Government shall contribute are limited to those that are direct, reasonable, necessary, and that are estimated in Exhibit "A" by categories as specified in this article. If any category or subcategory is omitted from the estimate of costs, or if the word "none" is annexed to the listing thereof, costs under such category or subcategory are not allowable. Any excess over any estimate which is indicated as the maximum of any category, subcategory, or item, either as to requirement or related cost, and any excess over the estimated total allowable cost of the work, shall not be allowable. Any excess over the estimate of any category, subcategory, or item, either as to requirement or related cost, not indicated as a maximum shall be allowable within the limit of the estimated total allowable cost of the work. To the extent that excesses over maximums other than the estimated total allowable cost of the work may be necessary for the performance of the work, the Operator shall incur such excesses for his own account without contribution by the Government; but except for any such necessary excesses in categories, subcategories, or items thereunder the Operator is not obligated to incur more than his agreed percentage of the estimated total allowable cost of the work. [redacted]

To the extent specified in this article or in Exhibit "A" the following categories, subcategories, and elements thereof are maximums; but if not so specified either here or in Exhibit "A" they are not maximums, and may be exceeded within the limit of the estimated total allowable cost of the work:

CATEGORY (1)—INDEPENDENT CONTRACTS.—Work to be performed under independent contracts (see Article 4(b)). The estimated total amount of this category and the estimated cost of each unit of work for performance under an independent contract are maximums. [redacted]

CATEGORY (2)—PERSONAL SERVICES.

Subcategory (a)—Supervision.—All elements of this subcategory (number of supervisors, periods of employment, rates of pay, and total) are maximums.

Subcategory (b)—Technical services.—All elements of this subcategory (number of technicians, periods of employment, rates of pay, and total) are maximums.

Subcategory (c)—Labor.

CATEGORY (3)—OPERATING MATERIALS AND SUPPLIES.—Includes such items as drill bits and steel, explosives, fuel, pipe, power, small tools costing less than $50 each, timber, track.

CATEGORY (4)—OPERATING EQUIPMENT.

Subcategory (a)—Rental.—The number of each object to be rented [6 mine cars, 1 truck], the rate of rental [$100 per month, $5 per hour], and the total of this subcategory are maximums.

Subcategory (b)—Purchases.—The estimated total of this subcategory is a maximum.

Subcategory (c)—Depreciation.—All elements of this subcategory (time periods, rate of depreciation, and subcategory total) are maximums.

CATEGORY (5)—INITIAL REHABILITATION AND REPAIRS.—Estimates under this category include all requirements and related costs, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The estimated total of this category is a maximum.

Subcategory (a)—Initial rehabilitation and repairs of existing buildings, fixtures, and installations (exclusive of mine workings).—The estimated total of this subcategory is a maximum.

Subcategory (b)—Initial rehabilitation and repairs of operating equipment.—The estimated total of this subcategory is a maximum.

CATEGORY (6)—NEW BUILDINGS, FIXTURES, AND INSTALLATIONS (EXCLUSIVE OF MINE WORKINGS).—Estimates under this category include all requirements and related costs, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The estimated total of this category is a maximum.

CATEGORY (7)—MISCELLANEOUS.—Repairs and maintenance (other than initial) of operating equipment, analytical work, prints and other reproductions, accounting, Operator's share of payroll taxes, liability insurance covering employment, travel, communications, and any other items of requirement or cost that do not fall within any of the first 6 categories.

THE ESTIMATED TOTAL ALLOWABLE COST of the work is a maximum.

(b) *Nonallowable costs.*—The following costs are not allowable for contribution by the Government:

(1) *Costs of the land,* such as rental, depreciation, depletion, or other cost of acquiring, owning, or holding possession;

(2) *Indirect costs,* such as general overhead, corporate management, interest, taxes (other than payroll and sales taxes), insurance (other than liability insurance covering employment), damages to persons, damages to property (other than necessary repairs or replacements of equipment or other property used in the work);

(3) *Previous work* performed or costs incurred before the date of this contract; and

(4) *Deferred payments.*—Any costs incurred by the Operator under any rental-purchase agreement, installment-purchase agreement, or any agreement for the purchase of goods under the provisions of which payment of the full purchase price is deferred more than 90 days from the delivery of the goods; unless the purchase agreement is approved by the Government in writing.

(c) *Reductions in costs.*—The Operator shall account for and give the Government credit for any incidental benefits, credits, or money received in the ordinary course of business in prosecuting the work (as by salvage or sale of materials or equipment, furnishing of room or board, furnishing of power or services to third persons, rebates or discounts on purchases, etc.), in the same ratio in which the Government contributes to costs; and such amounts shall be treated as a reduction in costs incurred so that they are available for use within the limit of the original estimated total cost. This provision does not apply to receipts from production which are subject to the Government's percentage royalty under the provisions of Article [redacted].

ARTICLE 7. *Reports, accounts, audits.*—(a) *Operator's records.*—The Operator shall keep suitable records and accounts of the work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. If the Government elects to audit said records and accounts relating to the exploration work by certified public accountant, it may do so as a cost of the work to which the Operator shall contribute. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government. If work under this contract is carried on in conjunction with any other operations, or if labor, supervision, services, materials, supplies, equipment, facilities, or other requirements for carrying on the work are also used in connection with other operations, the costs shall be segregated and accounted for on a basis and by methods and accounts that are satisfactory to and approved by the Government.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing detailed costs incurred during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and related costs incurred.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 8. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after a sufficient final report and final account (see Article 7) has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development. See Annex II

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, within a period of [illegible] years from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. See Annex II.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing. See Annex II.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value therof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½)

percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

(For instance: the royalty on an amount of five dollars ($5.00) per ton would be one and one-half (1½) percent; on an amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 9. *Interests in purchased property.*—(a) *Title and ownership.*—All costs under this contract shall be incurred by the Operator in the Operator's own name and for the Operator's own account; but any property acquired to the cost of which the Government contributes shall belong to the Operator and the Government jointly in proportion to their respective contributions, although title thereto shall be taken in the name of the Operator.

(b) *Preservation of property.*—Until the final disposal of any property in which the Government has an interest the Operator shall preserve and protect same for the best interest of the Government, any reasonable and necessary costs thereof to be treated as an allowable cost of the project. After the completion of the work or termination of the Government's obligation to contribute, or when such property is not in use for or needed for the work, the Operator shall neither use it without the written consent of the Government nor without paying a reasonable rental to be fixed by the Government for its interest.

(c) *Disposal of property.*—Upon the completion of the work or termination of the Government's obligation to contribute to costs, or when the property is no longer needed for the work, the Operator shall promptly dispose of salable or salvageable property in which the Government has an interest for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator or the Government at a price at least as high as could be obtained from others, unless the Government in writing waives its interest in any such property. Without advance approval of the sales price by the Government the Operator shall not sell at any price any item of property the cost of which was more than $500, and shall not sell at less than 25 percent of the purchase price any item of property which cost $500 or less. The Government, in lieu of approving the sales price for any such item, may itself purchase the item at the best price which the Operator is able to obtain or himself cares to give. Property remaining upon any termination of the work shall be considered in groups or categories (such as drill steel, or explosives, or pipe, or rails), and if the original cost of the remaining unexpended portion of any such group or category is less than $50, the Government waives its interest therein. If necessary to accomplish the disposal of any item the Operator shall dismantle and sever it from the land, the cost thereof to be treated as a cost of the project.

(d) *Default of the Operator re disposal.*—If within 90 days after the completion of the work or termination of the Government's obligation to contribute to costs, or after the property is no longer needed for the work, or after such further time as the Government may in writing allow, the Operator has failed to sell or otherwise liquidate or dispose of any property in which the Government has an interest, the Government, at any time prior to final settlement under the contract, may pursue one of the following two courses: (1) the Government, by written notice to the Operator, may place upon such property what in its opinion is a fair valuation thereof, not in excess of the cost less 1.66 percent per month from the

date such property was purchased under this contract to the termination of said 90-day period; and such property shall thereupon be considered and accounted for as having been purchased by the Operator at the valuation so fixed by the Government; or (2) the Government may enter and take possession of such property wherever it may be found, and remove and dispose of it for the joint account of the parties.

ARTICLE 10. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery, and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon: (1) the Government shall be free of all obligation to contribute to costs not then incurred other than such as may be allowable under the provisions of the contract as necessary and incidental to winding up, reporting, and accounting; and (2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon: (1) the Government shall be relieved of all obligation to contribute to costs not incurred when the notice was given, other than such as may be allowable by the provisions of the contract as necessary and incidental to winding up, reporting, and accounting; and (2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 10 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 11. *Notices to be given by the Government* may be delivered to the Operator, or may be sent by registered mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 12. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 13. *Changes and added provisions.*—

See Annex II.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Frank E. Johnson

ACTING Administrator, Defense Minerals Exploration Administration

AMERICAN SMELTING AND REFINING COMPANY
(Operator)

By Adin A. Brown

Title Vice President

I, Harold Howe, certify that I am the secretary of the corporation named as Operator herein; that Adin A. Brown who signed this contract on behalf of the Operator, was then Vice President of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Harold Howe
Secretary

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—70617-1

EXPLORATION PROJECT CONTRACT
AMERICAN SMELTING AND REFINING COMPANY
DOCKET NO. DMEA-4712

ANNEX I

The land referred to in Article 2 of the contract consists of patented lode mining claims, all in T. 46 N., R. 2 E., Boise Meridian, in the Yreka Mining District, Shoshone County, Idaho. The Operator's interest in the claims and its right to possession thereof is described below:

(a) American Smelting and Refining Company holds a 100% undivided interest in the following patented claims:

Claim	Survey No.
St. Paul	2110
Chicago	2110
Maine	2110
Anna (Annie)	2911
Lyda Leary	2911
Robin	2961
Gus Rodermann	2912
Emile	2912
Dude (that part of the claim shown on the attached Property Map, Plate I, shown as belonging to Operator)	2960

(b) Blackhawk Mining and Developing Co., Ltd., owns a 100% undivided interest in the following patented claims:

Claim	Survey No.
Snow Cap No. 1	1806
Page No. 2	1806
Sarah	1806
Bi-metallic	1806
Summit	1806
Apex	1806
Gateway	1806
Page No. 1	1806
Blackhawk	1806
Homestake	1806
Fanny	1806

American Smelting and Refining Company owns approximately 99 per cent of the stock of the Blackhawk Mining and Developing Co., Ltd., and also holds a lease on the claims.

(c) Wyoming Mining and Milling Company, Ltd., owns a 100% undivided interest in the following patented claims:

Claim	Survey No.
Silver Queen Ext.	1822
Walker	1852
Contact	2343
Ranger	1683
Contention	1684
St. John	1685
Arctic	1688
Hope	1688
Wyoming	1688
Eldorado	1686
Tunnel Fr.	1686

American Smelting and Refining Company owns approximately 96 per cent of the stock of the Wyoming Mining and Milling Company, and also holds a lease on the claims.

(d) Government Gulch Mining Company owns a 100% undivided interest in the following patented claims:

Claim	Survey No.
Chief	2862
Chief No. 2	2862
Porto Rico	2862
Laura	2862
Sugar (that part of the claim shown on the attached Property Map, Plate I, as owned by Government Gulch Mining Company)	2862

American Smelting and Refining Company owns approximately 73 per cent of the stock of the Government Gulch Mining Company, and also holds a lease on the claims.

All of the above-mentioned claims are shown on the attached map entitled "American Smelting and Refining Co. Unit: Page, East Page RMSA Project, Property Map Showing Proposed Work and Contract Area, Plate I." (The outer surface boundary of the land included in the contract is outlined in black.)

Excluded Land

Specifically excepted from the land described in the contract is any and all ore mined from the Tony Vein west of mine coordinate line 11,000E (shown on the attached Property Map, Plate I) and any and all ore mined from the Gurley Vein above elevation 1370 feet above Sea Level (Page 1800 Level).

EXPLORATION PROJECT CONTRACT
AMERICAN SMELTING AND REFINING COMPANY
DOCKET NO. DMRA-4712

ANNEX II

ARTICLE 13. Changes and added provisions.--

(a) In Article 3, the words following the reference to Article 10 are deleted, and the following words are substituted: "shall have completed the work."

(b) In Article 6(a), that part of the last sentence in the first paragraph beginning after the semicolon is deleted.

(c) In Article 6(c), the words "Article 9" are changed to "Article 8."

(d) In Article 8(b), the words "ten years" are changed to "twenty years."

(e) The following clause is added to Article 8(c):

"Provided, however, That so long as the Operator operates smelting facilities as an integrated part of its business, the settlement made by the Operator's smelter to its mine or mill on the ore or concentrates subject to the Government's royalty shall be, for the purpose of calculating the royalty payable to the Government under the contract, on the same settlement basis that the said smelter makes to its independent suppliers under the schedule most favorable to any independent supplier or should gross income from mining operations for percentage depletion purposes in Federal income tax determination show a greater value for ore or concentrate sales than the value which would result from applying the smelter schedule most favorable to an independent supplier, the greater value will be used as the basis for calculating royalty payable to the Government."

(f) In addition to the costs of work estimated in Exhibit "A" by categories of actual costs, the costs of work requirements specified in Exhibit "A" as "Fixed Unit Costs" are allowable costs of the project. The Government will contribute to the fixed unit costs as work units are performed. A "Fixed Unit Cost" is an agreed

price for each unit of work to be performed regardless of costs incurred by the Operator. Costs set forth in Exhibit "A" include all allowable costs of the work to be performed under the contract.

(g) Notwithstanding any other provision of the contract, the allowable unit cost of a work item (drilling and the asterisked items in Exhibit "A") is the average unit cost per work item computed on the basis of all the actual allowable costs of said work item incurred by the Operator: Provided, That the Government will not contribute to any portion of the average unit cost of a work item that exceeds the estimated (maximum) unit cost of said item set forth in Exhibit "A"; And provided further, That the Government, during the performance of work, may contribute to actual costs of a work item to the extent that in its opinion the maximum unit cost will not be exceeded upon the completion or termination of that work item.

(h) A special "Agreement Concerning Royalty" is added as follows:

"Notwithstanding the certification provisions of Article 6, and with no further action required on the part of the Government, the Operator, as principal if the Operator is the producer or as a surety if the Operator is not the producer, shall pay to the Government a royalty on any of its production, regardless of where it comes from (including production from the "excluded land" described in Annex I) that is transported through any shaft, winze, raise, crosscut, drift, or any other working to the cost of which the Government has contributed, or any portion of said workings, for the same period as is described in Article 6(b)(2) of the contract and pursuant to the terms of Article 6(c) et seq. However, in no event shall more than one royalty be due on or paid on the same production.

"In the event that production from outside the boundaries of the land described in Article 2 is transported through the workings described above, and neither the Operator nor any subsidiary or affiliate thereof has any interest in said production, the Government shall be paid by the Operator the fixed rate of 5 per cent of the total transportation charges received by the Operator."

EXPLORATION PROJECT CONTRACT
AMERICAN SMELTING AND REFINING COMPANY
DOCKET NO. DMA-4712

EXHIBIT "A"

Description of the Work

The purpose of the work is to explore at depth on the 3070 level, by crosscutting, drifting, and diamond drilling, a geologically favorable block of ground which lies between the Page mine producing area and the Bunker Hill mine.

The locations, directions, attitudes, and extents of all work performed under the contract are subject to the prior approval of the Government. The exploration work is indicated, in part, on the attached map entitled "American Smelting and Refining Company - Page Unit-3070 Level Showing Proposed Work."

Line Map.

1. From the face of the present east drift near the Page shaft station on the 3070 level, drive the "Main Line Drive East" on an approximate bearing of North 83° 15' East for a distance of approximately 5,720 feet.

2. Drive crosscuts from Main Line Drive as follows:

Crosscut	Location in feet from start of Main Line Drive	Bearing	Objective	Approximate Length in feet
No. 1 South	2,940	South	Property Line	1,070
No. 1 North	2,940	North	Coburn Fault	1,150
No. 2 South	4,430	South	Property Line	720
No. 2 North	4,430	North	Coburn Fault	960
No. 3 South	5,720	South	Property Line	940
No. 3 North	5,720	North	Coburn Fault	690
			Total	5,590 feet

Item Nos.

3. Drive diamond drill stations from Main Line Drive as follows:

For Hole Nos.	Location in feet from start of Main Line Drive	Bearing	Distance in feet	Total feet
1 & 2	1,920	North & South	25	50
3 & 4	2,425	North & South	25	50
5 & 6	3,435	North & South	25	50
7 & 8	3,930	North & South	25	50
9 & 10	4,860	North & South	25	50
11 & 12	5,290	North & South	25	50
		Total Footage		300

4. Diamond drill, approximately horizontal holes, from the stations described in item 3, as follows:

Hole Nos.	Bearing	Objective	Approximate length in feet
1	South	Spring Fault	1,350
2	North	Osburn Fault	1,060
3	South	Property Line	1,270
4	North	Osburn Fault	1,100
5	South	Property Line	820 1000'
6	North	Osburn Fault	1,020
7 8	South	Property Line	740
8 7	North	Osburn Fault	1,030
9	South	Property Line	875
10	North	Osburn Fault	875
11	South	Property Line	925
12	North	Osburn Fault	790
		Total Diamond Drilling	11,855 feet

Item Nos.

5. Drift and/or crosscut an aggregate of not more than 1,175 feet on all mineralized structures that may be encountered as a result of work done in items 1 through 4.

6. Rock bolting (steel bolts, not to exceed 7 bolts per section of 5 linear feet), and timbering (standard drift sets), as necessary, shall be performed along crosscuts and drifts. It is estimated that the total number of rock bolts required will not exceed 4,000, and the total amount of timbering of drifts and/or crosscuts required will not exceed 3,950 feet.

7. Not more than 14,800 cubic feet of excavation shall be allowed for car sidings (sidewiping).

All drifts and crosscuts shall be approximately 7 feet by 9 feet in cross section in the clear of the timber. Timber sets shall consist of not less than 8 inch by 8 inch timber or the equivalent in round timber. The total amount of drifting and/or crosscutting (exclusive of driving diamond drill stations) shall not exceed 12,485 feet. The total amount of crosscutting or drifting for diamond drill stations shall not exceed 300 feet.

The total of all underground diamond drilling shall not exceed 11,855 feet.

All diamond drilling shall be done with AX size, or larger, coring bits, except when it is necessary to use an EX size bit in order to complete a hole.

Diamond drill holes shall be reamed and cased or cemented and redrilled as necessary.

All drill holes shall be logged and all drill core shall be made available to the Government for examination. All significantly mineralized core, in lengths not to exceed five feet, shall be split and one half thereof shall be properly sampled and assayed for lead, zinc, and silver.

Sludges corresponding to the cores shall be retained (if possible) when drilling is being done in significantly mineralized sections and, in the event that core recovery does not exceed seventy per cent, both core and sludge samples shall be taken, at intervals not to exceed five feet. Both the core and sludge shall be split and one half thereof properly sampled and assayed.

The remaining half of all significantly mineralized core samples, and sludge samples when taken, shall be furnished to the Government upon request.

All assays shall be reported monthly to the Government, together with drill logs and locations, and proper plan maps and sections showing the progress of the work and sample locations.

All work of drilling and sample preparation shall be properly supervised by competent engineers and geologists.

All samples taken in the drifts and crosscuts shall be assayed for lead, zinc, and silver.

The total number of assay determinations shall not exceed 4,200 for all classes of work.

Estimated Costs of the Project
(In addition to the maximums fixed in the contract form, an asterisk indicates maximum.)

Actual Costs

Category (1) Independent Contracts

11,835 feet of diamond drilling
AX size or larger @ $6.60/ft.
BX size @ $6.40/ft. $ 78,243.00

The above rates include charges for reaming and casing, cementing and redrilling, changing locations, and all other charges whatsoever that may be incurred by the diamond drill contractor.

Neither the cost nor the value of casing left in drill holes at option of Operator will be accepted as a charge to the contract.

Categories (4)(a) and (b), (5), and (6)

None

Categories (2) Personal Services, (3) Operating Materials and Supplies, (4)(c) Operating Equipment--Depreciation, and (7) Miscellaneous

The schedules for Categories (2), (3), and (7), and Subcategory (4)(c) are hereby waived, and the costs of the completed work items are estimated below in terms of maximum unit costs. The Government will contribute to the actual costs under these categories and subcategory that do not exceed the maximum unit costs computed as set forth in paragraph (g) of Article 13 (Annex II).

Drifting and/or crosscutting 12,483 feet @ $40.00/ft.*	$499,400.00	
Diamond drill stations, 300 feet @ $35.00/ft.*	10,500.00	
Timbering drifts and crosscuts 2/ 3,950 feet @ $10.50/ft.*	41,475.00	
Rock bolting, 2/ 4,000 bolts @ $3.50/bolt*	14,000.00	
Car sidings Excavation (side-swiping), 14,800 cubic feet @ $0.45/cu. ft.*	6,660.00	$630,278.00

Fixed Unit Costs (See paragraph (f), Article 13 (Annex II))

Incidental allowance 1/ for each foot of drilling completed 11,855 feet @ $0.40/ft.	4,742.00	
Core boxes, 280 @ $3.40/ea. (wooden)	986.00	
Assaying, 4,300 determinations @ $1.00/ea.	4,300.00	9,028.00
Estimated Total Cost of the Project		$640,206.00
Government Participation @ 50%		$320,103.00

1/ Including all costs that might be allowable costs of the project under Categories (1) through (7) of Article 6(a), except as otherwise scheduled in Exhibit "A".

2/ If it is necessary to replace a rock bolted section with timbering, the maximum unit of cost of such timbering shall be computed by deducting the allowable cost per foot of rock bolting from the allowable cost per foot of timbering.

DMEA Form 14

Contract No. Idm-E 1134

Docket No. 4712

Approved contract

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Obligation Document

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
September 18, 1957	I	Idaho	Lead-Zinc

Name and Address of Operator: American Smelting & Refining Co
Mining Department
120 Broadway
New York 5, N. Y.

	Reserve	Obligation
Prior Amount	0	0
Increase	330,103	0
Decrease	0	0
Revised Amount	330,103	0

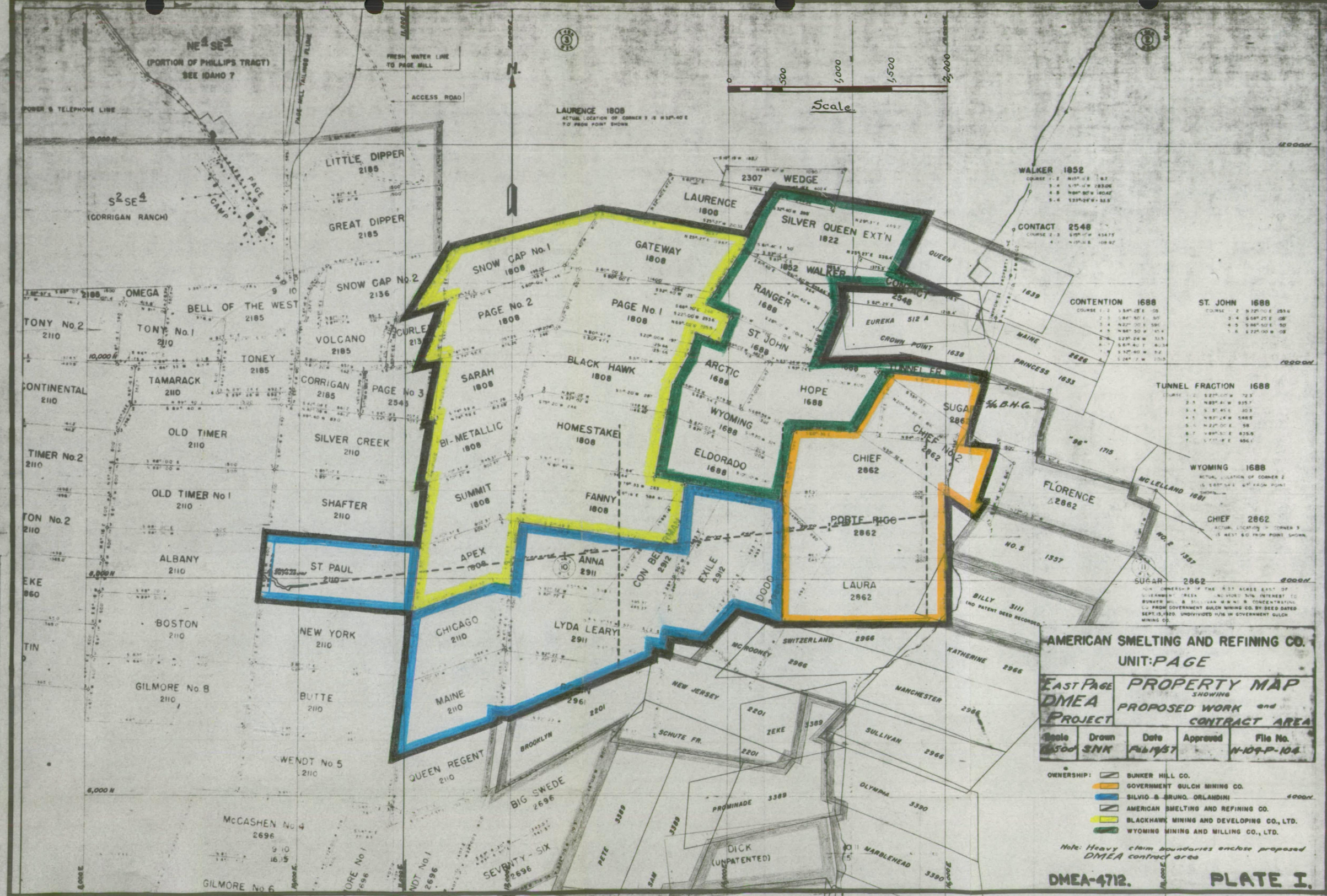
Remarks:

Allen S. Dakan, Chief
Operations Control and
Statistics Division
(Name)
(Title)

9/19/57

Date delivered to Bureau of Mines, Washington

22845


AMERICAN SMELTING AND REFINING CO.
UNIT: PAGE
EAST PAGE DMEA PROJECT
PROPERTY MAP SHOWING PROPOSED WORK and CONTRACT AREA
Scale 1:500
Drawn SNK
Date Feb 19/57
Approved
File No. N-104-P-104
OWNERSHIP:
BUNKER HILL CO.
GOVERNMENT GULCH MINING CO.
SILVIO & BRUNO ORLANDINI
AMERICAN SMELTING AND REFINING CO.
BLACKHAWK MINING AND DEVELOPING CO., LTD.
WYOMING MINING AND MILLING CO., LTD.
Note: Heavy claim boundaries enclose proposed DMEA contract area
DMEA-4712.
PLATE I.
Scale
0 500 1,000 1,500 2,000
N.
NE¼ SE¼ (PORTION OF PHILLIPS TRACT) SEE IDAHO 7
S½ SE¼ (CORRIGAN RANCH)
POWER & TELEPHONE LINE
FRESH WATER LINE TO PAGE MILL
ACCESS ROAD
PAGE MILL TAILINGS FLUME
PAGE CAMP
LAURENCE 1808
LITTLE DIPPER 2185
GREAT DIPPER 2185
SNOW CAP No. 2 2136
OMEGA 2185
BELL OF THE WEST 2185
TONY No. 2 2110
TONY No. 1 2110
VOLCANO 2185
TONEY 2185
CONTINENTAL 2110
TAMARACK 2110
CORRIGAN 2185
PAGE No. 3 2545
OLD TIMER 2110
SILVER CREEK 2110
TIMER No. 2 2110
OLD TIMER No. 1 2110
SHAFTER 2110
ALBANY 2110
ST. PAUL 2110
BOSTON 2110
NEW YORK 2110
GILMORE No. 8 2110
BUTTE 2110
WENDT No. 5 2110
McCASHEN No. 4 2696
GILMORE No. 6 2696
GILMORE No. 1 2696
WENDT No. 1 2696
SEVENTY-SIX 2696
SNOW CAP No. 1 1808
PAGE No. 2 1808
SARAH 1808
BI-METALLIC 1808
SUMMIT 1808
APEX 1808
CHICAGO 2110
MAINE 2110
QUEEN REGENT 2110
GATEWAY 1808
PAGE No. 1 1808
BLACK HAWK 1808
HOMESTAKE 1808
FANNY 1808
ANNA 2911
LYDA LEARY 2911
CON BELL 2912
EXILE 2912
DODO
BROOKLYN 2961
BIG SWEDE 2696
2307 WEDGE
LAURENCE 1808
SILVER QUEEN EXT'N 1822
1852 WALKER
RANGER 1688
ST. JOHN 1688
ARCTIC 1688
HOPE 1688
WYOMING 1688
ELDORADO 1688
CHIEF 2862
PORTE RICO 2862
LAURA 2862
CHIEF No. 2 2862
SUGAR 2862
TUNNEL FR.
EUREKA 512 A
CROWN POINT 1638
QUEEN
CONTACT 2548
WALKER 1852
CONTENTION 1688
ST. JOHN 1688
TUNNEL FRACTION 1688
WYOMING 1688
CHIEF 2862
SUGAR 2862
"98" 1715
FLORENCE 2862
McLELLAND 1881
NO. 5 1357
NO. 6 1357
BILLY 3111
MAINE 2686
PRINCESS 1633
1639
SWITZERLAND 2966
McROONEY 2966
KATHERINE 2966
MANCHESTER 2966
SULLIVAN 2966
OLYMPIA 3390
MARBLEHEAD 3390
NEW JERSEY 2201
SCHUTE FR. 2201
ZEKE 3389
PROMINADE 3389
DICK (UNPATENTED)
PETE 3389
SAM 3389
6,000 N
10,000 N
8,000 N
4,000 N
2,000 E
4,000 E
6,000 E
8,000 E
10,000 E

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DATE	INITIALS	CODE

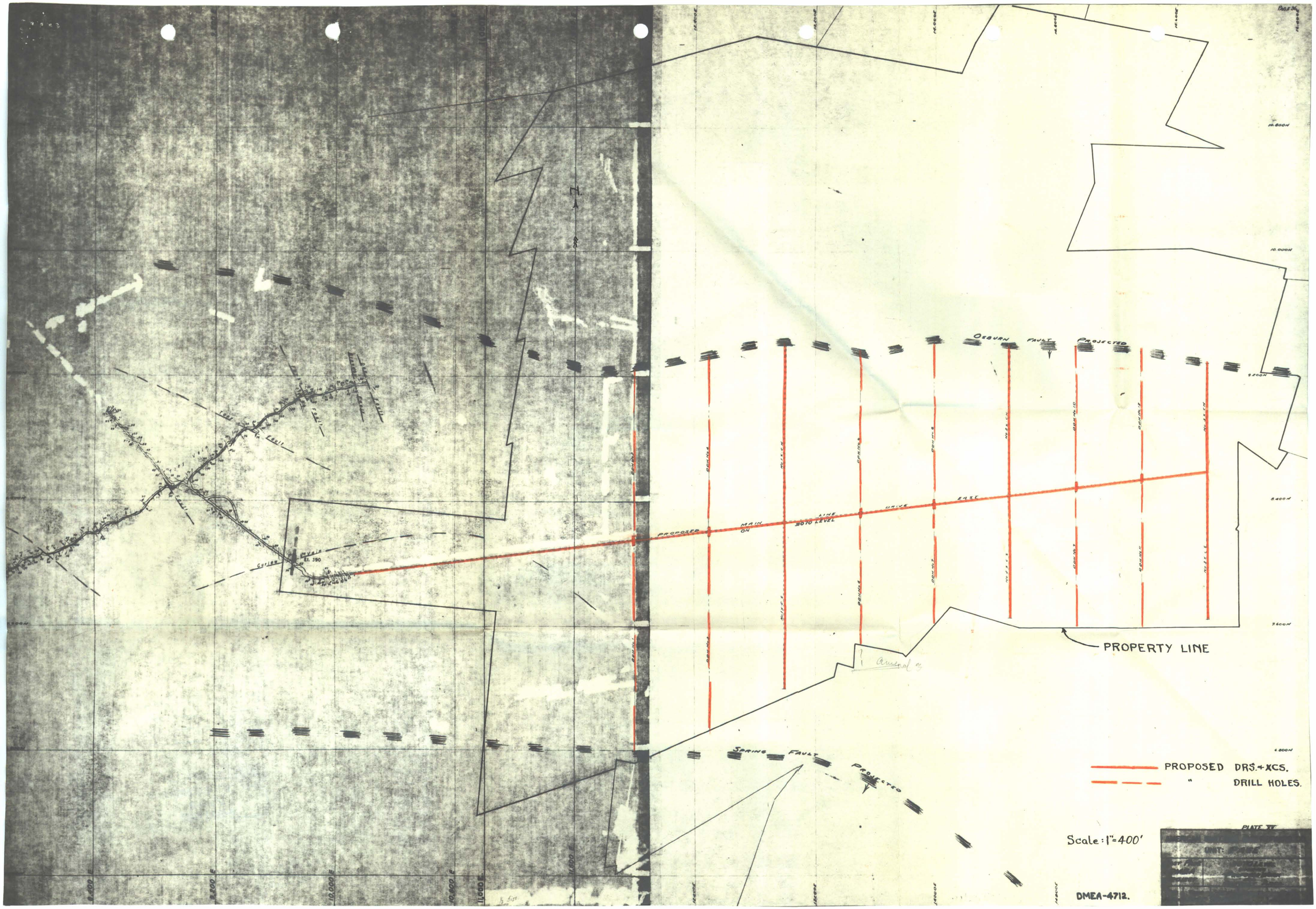
OSBURN FAULT PROJECTED
SPRING FAULT PROJECTED
PROPOSED MAIN DRIVE EAST ON 3010 LEVEL
PROPERTY LINE
PROPOSED DRS.+XCS.
" DRILL HOLES.
Scale: 1"=400'
DMEA-4712.
PLATE IV
N
8,400 E
9,200 E
10,000 E
10,800 E
11,600 E
12,400 E
14,000 E
14,800 E
15,600 E
16,400 E
17,200 E
18,000 E
10,000 N
9,200 N
8,400 N
7,600 N
6,800 N

EXHIBIT "A"

AUDIT SUMMARY

Idm-81134

Items of Cost	Totals May 1959 MF-104	Corrected Distribution	Audit Adjustments Allowed	Audit Adjustments Disallowed	Accepted Costs Totals	Drifts & Crosscuts	Timbering	Rock Bolting	Car Sidings	Diamond Drill Stations	Other
Fixed Unit Costs											
Sampling and Analysis		$ 203.50		$ 22.50	$ 181.00						$ 181.00
Core Boxes		282.71		71.91	210.80						210.80
Incidentals		636.02		15.62	620.40						620.40
(1) Independent Contracts					10,057.20						10,057.20
Drilling	$ 10,057.20	10,057.20			10,057.20						10,057.20
(2) Labor and Supervision											
Labor	76,223.59	76,074.25			76,074.25	$ 51,419.39	$ 17,342.25	$ 2,581.45	$ 3,068.38	$ 1,662.78	
Supervision	4,304.79	4,298.39			4,298.39	2,988.03	977.95	100.44	148.40	83.57	
Technical Services	3,262.00	3,262.00			3,262.00	3,077.10			100.51	84.39	
(3) Operating Materials & Supplies											
Timber	21,024.48	21,024.48	$ 378.00		21,402.48		21,402.48				
Explosives	19,267.02	19,267.02			19,267.02	17,560.33			1,136.45	570.24	
Pipe	20,939.69	20,939.69			20,939.69	19,300.80			1,136.65	502.24	
Track	9,379.90	9,379.90			9,379.90	8,625.25			516.41	238.24	
Other	12,148.23	11,441.82			11,441.82	7,955.27	26.54	2,835.92	393.87	230.22	
(4) Operating Equipment											
Depreciation	3,768.98	3,768.98			3,768.98	3,519.51			158.44	91.03	
(7) Miscellaneous											
Repairs to Equipment	3,213.61	3,213.61			3,213.61	2,914.16		174.48	40.26	84.71	
Sampling and Analysis	203.50										
Payroll Taxes	3,345.66	3,338.59			3,338.59	2,340.05	757.04	64.17	108.70	68.63	
Liability Insurance	1,992.18	1,989.41			1,989.41	1,391.78	415.54	67.94	77.08	37.07	
Other	75,280.26	75,233.52			75,233.52	63,298.00	6,278.28	658.66	3,211.97	1,786.61	
Totals	$264,411.09	$264,411.09	$ 378.00	$ 110.03	$264,679.06	$184,389.67	$ 47,200.08	$ 6,483.06	$ 10,097.12	$ 5,439.73	$ 11,069.40
Less: Excess costs				98,868.61	98,868.61	67,269.67	22,033.68	3,431.06	4,194.47	1,939.73	
Additional allowable costs			-378.00	-378.00							
Adjusted costs and Net accepted costs		$264,411.09	-0-	$ 98,600.64	$165,810.45	$117,120.00	$ 25,166.40	$ 3,052.00	$ 5,902.65	$ 3,500.00	$ 11,069.40

Operation	Totals May 1959 MF-104A	Transfers & Additional Allowance	Adjusted Costs	Disallowances and Adjustments: By Certifying Officer	By Auditor: Prior	By Auditor: May 1959	Net	Accepted Costs	Basis for Accepted Costs
Drifts & Crosscuts	$182,796.44	$ 1,593.23	$184,389.67	$ 61,778.49	$ 1,593.23	$ 3,897.95	$ 67,269.67	$117,120.00	2,928 feet @ $40.00/ft.
Timbering	48,415.31	-1,593.23	47,200.08	22,091.44	-1,593.23	1,535.47	22,033.68	25,166.40	2,396.8 feet @ $10.50/ft.
		378.00							
Rock Bolting	6,483.06		6,483.06	2,846.56	584.50		3,431.06	3,052.00	872 bolts @ $3.50/each
Car Sidings	10,097.12		10,097.12	4,194.47			4,194.47	5,902.65	13,117 cu. ft. @ $0.45/cu. ft.
Diamond Drill Stations	5,439.73		5,439.73	1,939.73			1,939.73	3,500.00	100 feet @ $35.00/ft.
AX Core Drilling	10,057.20		10,057.20	276.20	-276.20		-0-	10,057.20	1,551 feet @ $6.48/ft.
Core Boxes	282.71		282.71	38.66		33.25	71.91	210.80	62 boxes @ $3.40/each
Incidentals	636.02		636.02	-32.83	-29.35	77.80	15.62	620.40	1,551 feet @ $0.40/ft.
Sampling and Analysis	203.50		203.50		17.25	5.25	22.50	181.00	181 determinations @ $1.00/each
Improper Allowance				-300.00	300.00				
Totals	$264,411.09	$ 378.00	$264,789.09	$ 92,832.72	$ 596.20	$ 5,549.72	$ 98,978.64	$165,810.45	