Check Sheet of Examining Engineer

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APR 1 0 1956

Operator's Name Schroeder Mining Company

Address 500 Wesley Temple Bldg.

Minneapolis Minn.

WSM

Exploration Contract No. IDM, E 578 Docket No. DMEA 2964

	Check One Yes	No
1. (a) Does the Operator stockpile ore subject to royalty repayment? **All ore subject to royalty repayment.**		X
(b) If so, is segregation and identification procedure adequate?	X	
2. (a) Does Operator commingle production subject to DMEA royalties with exempt production?		X
(b) If so, do you consider the allocation of the commingled production equitable?	—	—
3. (a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?	X	
(b) If so, are adequate records maintained on such material to protect the Government's interest?		X
4. Do you consider the assay controls in effect are adequate?	X	
5. Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	X	
6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA royalties?	X	
7. Does the Operator buy from or sell to other Operators?	X	

8. Comment on any item 2 (b) to 6 if answer is No.
Examination of the property on April 12, 1956 showed that it has been completely shut down since May 18, 1954. This was verified by local residents.

3(b) No records are available on the low-grade material stockpiled at the mine.

C. M. Harrer

Mining Engineer
C. M. Harrer

Date **April 13, 1956**

82448

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 4/25/56

REFERRED TO:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. Mr. Selfridge
4. Mr. Martin

FOR:

	Action		Recommendation
	Approval		Record of
	Comment		Referring to
	Conference		Reply for signature of
	Consideration		Rewriting
4	Filing		Signature
	Instructions		Suggestions
	Investigation	X	Your information
	Initials		
	Mailing		
	Previous correspondence		

REMARKS: No Check Sheet of Examining Eng. received. The auditor has been requested to furnish copies and copy will be supplied Division.

Check (X) before the items needing attention.

J. L. Chambers
Initials of sender.

GPO 16—63815-1

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APR 23 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Executive Officer, DMEA Field Team, Region III, pertaining to Contract Idm-8578, Docket No. DMEA-2964, with

E. G. Schroeder Company
Assigned to Schroeder Mining Company
500 Marlay Temple Building
Minneapolis, Minnesota

WSM

for the purpose of determining the amount of royalties due the United States Government on the sales of iron ore from property referred to as the Nightingale and Good Fortune Group located in Platte County, Wyoming, during the period August 17, 1953 to January 11, 1956.

My review included a tabulation and recomputation of all sales settlement sheets, a conference with the engineer who made the last inspection of this project, and a review of the status of the contract as shown in attached Exhibit "A".

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

(a) The examining engineer is of the opinion that all sales of ore produced during the period August 17, 1953 to January 11, 1956, for which settlement sheets have been released, have been properly accounted for.

(b) 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 additional royalty which might be disclosed.

The review established the total net sales of iron ore for this period to be $42,028.45. Royalty due the United States Government at the contract rate of 1.5% is $630.29. The royalties paid and the balance due are as follows:

Total Royalties Due	$630.29
Total Royalties Paid	560.18
Balance of Royalties Due	$ 70.11

An analysis of Royalties Due is shown in Schedule 1 attached.

April 23, 1956

T. H. Brading, Auditor

SCHEDULE 1

SCHROEDER MINING COMPANY

Contract Idm-8578 Docket No. DMEA-2964

SCHEDULE OF ROYALTIES DUE

Credit Memo. No. 304

(a)	Gross Tons	533.13 @ $9.049625	$4,824.63
	Gross Tons shipped prior to August 17, 1953	273.85 @ $9.049625	2,478.24
	Balance	259.28	$2,346.39
	Less Freight Paid		1,645.08
	Net to Schroeder Mining Company		$ 701.31
(b)	Credit Memo. 117 H		847.48
(b)	" " 119 H		877.36
(b)	" " 123 H		1,145.53
(b)	" " 124 H		1,067.46
(b)	" " 126 H		34.86
	Total		$4,674.00
	Royalty @ 1.5%		$ 70.11

Above information developed from information submitted by Granite City Steel Company, purchaser of crude ore. Figures accepted by Operator after correspondence.

(a) Approved by Examining Engineer

(b) Additional credits received on freight costs subsequent to date settlement sheets were submitted.

EXHIBIT "A"

R. C. SCHROEDER

ASSIGNED TO SCHROEDER MINING COMPANY

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APR 2 7 1958

STATUS OF CONTRACT IDM-1576, DOCKET NO. IDM4-2964

The project has not been certified, but Annex III attached to the original contract provides that the Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2, 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 of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. A Report of Review in lieu of final cost audit dated February 9, 1956 indicated accepted costs under the exploration contract of $13,054.00, with the Government's participation on a 50% basis being $6,527.00.

☐ Audited

☐ Certified

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12-16-54
Incl. Voucher for July 54

☐ Actual Cost

☑ Agreed Unit Costs

Name E. C. Schroeder & Sons

Docket No. Z-964

State Wyoming

Commodity Iron

Idm-E No. 578

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify) Churn	7100	42600	1968	11808.	
Surface Excavation					
Underground Excavation					
Roads and Trails		5000		2000	
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify) Analyses		500		90	
Totals		48,100		13898.	

76
76

Prepared by GR

400

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

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FEB - 9 1956

E. C. Schroeder Company
Assigned to Schroeder Mining Company
[illegible] Temple Building
Minneapolis, Minnesota

WSM

pertaining to Exploration Project Contract No. IAm-5578, Docket No. DMEA-3964, including Amendments Nos. 1 to 3, and Termination Agreement dated November 30, 1955, for the months of November, 1953 to October, 1954, inclusive, covering a project for the exploration of iron on property known as the Good Fortune Group of Claims, located in Platte County, Wyoming.

My review included an examination of the Monthly Reports (Form MP-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Executive Officer, DMEA Field Team, 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 following reason:

> All of the costs incurred were under a contract provision for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor		$14,054.00
Less amount withheld in lieu of rendering final report		1,000.00
Net cost as claimed by Contractor		$13,054.00
Exceptions:		
By DMEA Finance Officer	$0.00	
Herewith	0.00	0.00
Total Accepted Cost		$13,054.00

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 Six thousand, five hundred twenty-seven and 00/100ths Dollars

** $6,527.00 **

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

February 6, 1956

T. H. Bradley, Auditor.

Audit

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

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OCT 24 1955

224 New Customhouse
Denver 2, Colorado

October 19, 1955

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, (Nightengale group), Platte County, Wyoming - Supplementary Report.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the period July, 1954.

W. M. Traver

Enclosures

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U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

Administrative Audit Difference Statement

Date: Oct. 13, 1955
Payee's
Reference: July 2-54

Colorado Mining Company
500 Conley Temple Bldg.,
Minneapolis, Minnesota

Gentlemen:

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $156.00

Difference $

Amount Approved* $156.00

The reason for the difference was due to:

* Entire amount due withheld pending release of the Final Audit or Report of Review by the Contract Administration and Audit Division.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
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October 10, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, (Nightengale group), Platte County, Wyoming - Supplementary Report, for the period July, 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above supplemental claim.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore, we recommend Government participation for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Withhold payment pending receipt of the Operator's Final Report, Final DMEA Engineering Report, and release of The Final Audit or Report of Review by The Contract Administration and Audit Division, DMEA.

W. M. Traver
By [illegible] Townsend

JC:ab
cc: MF-104 File #E578
Sec. Op. Comm. (2)
Shaw (2)
Townsend
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

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Region IV

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
October 19, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, Contract Idm-E578 (Iron) Schroeder Mining Company (Nightingale group), Platte County, Wyoming--Supplementary claim by operator for exploration in July 1954

Enclosed are the original and four copies of a supplemental claim by the operator of the above contract for July 1954--forms MF-104 and MF-104A with letter of justification and amended drill log with sample record--and the original and six copies of M. H. Salsbury's memorandum covering his analysis of the reclaim. The contract is unit cost on short form MF-200(A) and further documentation is not required.

Salsbury investigated the reclaim for 26 feet of drilling in hole No. 3 on the Nightingale claim and found the depth shown by the drill log as 86 feet instead of 60 feet as originally claimed. He, therefore, approves the reclaim.

Payment is approved and certified on the MF-104 forms of $78.00 or 50 percent of the total $156.00 reclaimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 4
E578
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

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OCT 24 1955

Region IV

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
October 18, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 2964, Contract Idm-2578 (Iron) Schroeder Mining Company (Nightingale group), Platte County, Wyoming--Supplementary claim by operator for exploration in July 1954

The operator has submitted a supplementary claim for churn-drilling during their DMEA assisted operation in July 1954, which was overlooked when the original claim was made. In hole No. 3 on the Nightingale claim, the corrected depth, according to the log submitted with the supplementary claim, is 86 feet instead of 60 feet as originally reported. No mineralization was reported in the first 60 feet, nor in the additional 26 feet.

Accepting the operator's statement and drill log, this is a legitimate claim under the contract and Amendment No. 3. Measurement of the hole for verification would not be a conclusive check: even if the measurable depth should be short, this is still not proof that it was not full depth when drilled.

The operator's supplemental report, including a copy of the map furnished with the original June-July 1954 claim, a drill log, and forms MF-104 and MF-104A signed by the office manager, C. A. Thompson, was submitted in quintuplicate and is satisfactory. Monthly and cumulative totals on the MF-104 and MF-104A forms are correct, having been changed from the original forms submitted for June-July 1954 operations so as to reflect the disallowance for May operations.

Payment of $78.00, or 50 percent of the additional amount claimed in July 1954, $156.00, is recommended.

M. H. Salsbury
M. H. Salsbury
Mining Engineer

MHS/kp

cc 6
I578
Chron

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October 12, 1954

Mr. W. N. Traver, Chief
Mineral Resources Branch
Mining Division, Region IV
Denver Federal Center,
Denver, Colorado,

Dear Sir:

Re: DMRA 2964, Contract IBM
E 578, Iron, Schroeder
Mining Co, Platte County,
Wyoming, (Nightingale Group).

In rechecking our records we have found an error in reporting drilling depth of hole #3 in the Nightingale group of claims for the month of July, 1954 and are therefore filing amended or additional forms MP4 and MP4A.

Hole No. 3 was reported drilled to a depth of sixty feet in our July report, dated August 12, 1954. We now find that this hole was actually bottomed out at eighty-six feet.

On or about July 18 our Chemist, Charles Brooks was transferred from this project and the drilling log was not kept up to date for the periods July 19, 20 and 21.

Trusting our explanation is satisfactory and that you will place our voucher in line for payment, we are,

Very truly yours,

SCHROEDER MINING COMPANY,

By C. A. Johnson
Office Manager.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

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OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July (Supplemental), 1954 Docket No. DMEA 2064 Contract No. IDM 578
Operator's Name Schroeder Mining Company Minerals Iron
Address Box 67 Guernsey, Wyoming,
Contract Amount, $ 43,100.00 Government Participation: 50% Amount, $ 24,050.00

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	156.00	11,808.00	11,964.00			
Bulldozing Rds. Trails		2,000.00	2,000.00			
Crosscutting						
Drifting Sample Analysis		90.00	90.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	156.00	13,898.00	14,054.00	156.00	13898.00	14054.00

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

Date 10-12-54 *Payee SCHROEDER MINING COMPANY

Per E. A. Thompson Title Ofc. Mgr.

*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:

$ No payment

Signature RRR
(Authorized Certifying Officer)

Date 10/14/55 Vou. No.

(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. IAm.E.578 in accordance with the terms of the contract.

Signature W. H. Salabury Title Mining Engineer Date October 18, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature for Wm. Tracy Title Executive Officer Date OCT 11 1955

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 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

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OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July Supplemental 4 1954 Docket No. DMEA 2964 Contract No. IDM E 578

Operator's Name Schroeder Mining Company Minerals Iron

Address Box 67 Guernsey, Wyoming,

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								
Raising								
Shafts								
Winzes								
Drilling: Core	Ft	156.00	26	11,964.00	1994	11964.00	7100	42,600.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits	Ft			2,000.00	2000	2000.00	5000	5,000.00
Roads and Trails	One			90.00	90	90.00	500	500.00
Sample Analysis								
TOTAL DISTRIBUTED COSTS		156.00		14,054.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		none						
Initial Rehabilitation and Repairs		none						
New Buildings, Improvements, etc.		none						
TOTAL COSTS		156.00		14,054.00				48,100.00

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 10/12/54 Operator SCHROEDER MINING CO.

Per C. A. Thompson Title Ofc. Mgr.

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 83-38475

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OCT 24 1955

October 12, 1954

Amended

Sample Breakdown and Analysis of footage drilled in July, 1954, Nightingale Group

Hole #3	Depth Feet	Sample Length	Pb Analisis	Date
	0-6	6	None	7-13
	6-12	6	"	
	12-18	6	"	
	18-24	6	"	
	24-30	6	"	7-19
	30-36	6	"	
	36-42	6	"	
	42-48	6	"	
	48-54	6	"	
	54-60	6	"	7-20
	60-66	6	"	
	66-72	6	"	
	72-78	6	"	7-21
	78-86	8	"	

SCHROEDER MINING COMPANY

By C. A. Thompson
Gen. Mgr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

402

224 New Customhouse
Denver 2, Colorado

September 10, 1954

WSOY

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, Platte County, Wyoming.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the months of June and July, 1954.

W H King
W. H. King

Enclosures

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

Administrative Audit Difference Statement

Date: September 8, 1954
Payee's Reference: June-July, 1954

Schroeder Mining Company, Inc.
500 Wesley Temple Bldg.
Minneapolis, Minn.

Upon examination of the above Payee's reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed	$ 2241.00
50%	1120.50
Difference	$ 500.00
	620.50
Amount Approved	$

The reason for the difference was due to:

$500.00 withheld pending resolution of drilling under Stage II, Phase B of the contract, or receipt of the final report.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N.E.Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

September 8, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, Platte County, Wyoming. Operator's Monthly Progress Report for the period, June-July, 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

An amount of $500.00 is to be withheld from the payment due the Operator, pending resolution of drilling under Stage II, Phase B of the contract or receipt of Operator's Final Report.

Remarks:

Date of Report	August 12, 1954
Date Received in Field Office	August 16, 1954
Date Received in Region Office	August 20, 1954

Held in Region Office pending formulation of Amendment No. 3 to the subject contract.

W. H. King

Enclosures

RDB:mb
cc: Contract
Secretary, Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 20, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, contract Idm-E578 (Iron) Schroeder Mining Company (Nightingale group) Platte County, Wyoming - Progress report for June-July 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, sketch map, drill logs with assay records--and the original and six copies of M. H. Salsbury's memorandum covering his inspection of the churn drilling progress and checking of the reporting forms. The contract is unit cost on short form MF-200(A) and documentation is not required.

The period progress for June and July was inspected by Salsbury on August 12, 1954. He found the churn drilling of 206 feet in three holes, completion of 1,000 feet of access road, and five assays, as reported in the operator's narrative and entered on the MF-104A forms correct. Work was performed on the Nightingale group in conformance with the terms of the contract as authorized under Phase B, Stage I of Exhibit A. The operator's narrative and inspecting engineer's covering memorandum are adequate. The contractor has requested an extension of the contract and plans to request also revision of proposed future work. The disallowance of $1,216.00 from the last voucher are not taken into account in the July cumulative totals.

Payment is approved and certified on the MF-104 forms of $1,120.50 or 50 percent of the total $2,241.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

cc 4
E578
DMEA Chron.

WMT/pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 18, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 2964, contract Ida-6578 (Iron) Schroeder Mining Company (Nightingale group) Platte County, Wyoming - Progress report for June-July 1954

Progress under the subject contract was inspected on August 12, 1954, in company with R. G. Langsacher, superintendent for the contractor.

The contractor did not accomplish any DMEA exploration in June but claims payment under Phase B, Stage I, Exhibit A of the contract, for 206 feet of churn drilling in three holes, 1,600 feet of access roads and five chemical analyses for iron, in July 1954, all on the Nightingale claim.

Drill holes were verified by inspection of the sites and examination of the drill logs. Approximately 1,600 feet of completed access road was measured by taping. Claims for drilling, access roads, and analyses are not in excess of contract maximums and comply with contract requirements in all other respects.

Holes No. 1 and 4 were drilled at locations approximating the positions agreed upon by the contractor and a DMEA examining team, shown on a map furnished the Government, dated May 18, 1954, and authorized by the Region IV Field Team. The location of hole No. 3 was determined by the contractor. Hole No. 2 was not drilled at Government expense.

Mineralization encountered was insignificant. Low-grade values encountered in hole No. 1 indicated the occurrence of material which could be beneficiated as shown by heavy media tests, but no measureable reserve could be computed, inasmuch as the other holes did not show any extensions of this ore.

Langsacher believes that there might be more ore northwest and down hill from the area drilled. There is no indication of this in the outcropping strata. The formations which would be drilled underlie the ore shown in hole No. 1 and have probably been penetrated by hole No. 4, which was 108 feet deep and barren.

Stage I of Phase B and all but 238 feet of drilling allowable under Stage I of Phase A have been completed as the contract now stands. Langmacher indicated that an amendment to authorize other work would probably be requested after consultation with the manager, Paul Schroeder. However, any work under Stage II of either Phase A or B does not appear to be justified on the present showing and a new proposal will have to outline exploration with a different objective to receive favorable consideration by the DMEA examining team.

Operation of the heavy media plant has been continued on a two-shift, 5-day-per-week basis, producing about 300 tons per day. Plant feed is coming entirely from ore dumps controlled by the contractor which are not subject to DMEA royalties.

By letter dated August 1, 1954, the contractor requested an extension of the expiration date of the contract for 4 months or to December 7, 1954.

Forms MF-104 and MF-104A and a narrative report for July 1954, together with a drill log and analyses report, and map showing drill hole locations on the Nightingale claim were submitted.

Monthly unit totals on forms MF-104 and MF-104A are correct but cumulative totals do not reflect a disallowance of $1,216.00 for 208 feet of churn drilling and four chemical analyses made on the contractor's claim for May 1954.

Payment of $1,120.50, or 50 percent of the amount claimed in July 1954 is approved.

M. H. Salsbury
Mining Engineer

cc 6
E578
DMEA Chron

MHS/pam

August 12, 1954

Mr. W. M. Traver, Chief
Mineral Resources Branch
Mining Division, Region IV
Bldg., 20, Room 137
Denver Federal Center
Denver, 14, Colorado,

Dear Sir:

Re: DMA 2964, Contract IDM-2-578
Iron, Schroeder Mining Company
Platte County, Wyoming.
(Nightingale Group).

Enclosed are forms MF 104 and MF 104A for the month of July, 1954, and also plats showing exploration accomplished under the above mentioned contract.

Approximately fifteen hundred feet of roads and trails were built before commencing drilling operations.

Three holes were drilled at locations indicated on the plat. Holes were numbered one, three and four. Hole number two was abandoned shortly after setting up and is not computed in footage although shown on plat.

Hole number one was drilled to a depth of 38' with showings of ore from between depths of 8 and bottom of hole.

Hole number three had no indications of ore being drilled in schist and possibly some dolomite. Three was drilled to a depth of sixty feet.

Hole number four was drilled to one hundred eight feet, the only showing of ore was near the 102-108 foot mark and were very slight. No tests were run on these samples.

Very truly yours,

SCHROEDER MINING COMPANY

By R. G. Langmacher, Supt.

RGL/b
Encl.

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

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

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

SEP 13 1954

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: [illegible] % Amount, $[illegible]

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:		10572.00	11,808.00			
Drilling	[illegible]	[illegible]	[illegible]			
Bulldozing	[illegible]	[illegible]	[illegible]			
Crosscutting						
Drifting	[illegible]	85.00	90.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
		11657.00	13898.00			
TOTALS	[illegible]	[illegible]	[illegible]	2241.00	11657.00	13898.00

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

Date [illegible] *Payee [illegible]

Per [illegible] Title [illegible]

*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:

$ 6205.50

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 9-8-54 Vou. No. DMA-55-18
(See other side)

* 500.00 withheld pending resolution of drilling under Stage II

(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. Idm-E 578 in accordance with the terms of the contract.

Signature M. H. Salabury $1120.50 Dmt Title Mining Engineer Date August 17, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.B.

Signature W H Kung Title Executive Officer Date SEP 8 1954

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 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 195 4 Docket No. DMEA 2964 Contract No. IDM E 578

Operator's Name Schroeder Mining Company Minerals Iron

Address Box 67, Guernsey, Wyoming,

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								
Raising								
Shafts								
Winzes								
Drilling: Core	Ft	1236.00	206	~~13,020.00~~ 11,808.00	2170 1968	~~13020.00~~	7100	42600.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits	Ft	1000.00	1000	2,000.00	2000	2000.00	5000	5000.00
Roads and Trails								
Sample Analysis	One	5.00	5	~~90.00~~ 94.00	~~90~~ 94	~~94.00~~	500	500.00
TOTAL DISTRIBUTED COSTS		2241.00		15,114.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		none						
Initial Rehabilitation and Repairs		none						
New Buildings, Improvements, etc.		none						
TOTAL COSTS		~~2241.00~~		~~15,114.00~~				~~48,100.00~~

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 6-12-54 Operator Schroeder Mining Company

Per [signature] Title Supt.

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:

(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 83-38475

August 10, 1954

SAMPLE BREAKDOWN AND ANALYSIS OF FOOTAGE DRILLED IN JULY, 1954.
NIGHTINGALE GROUP

Hole No.	Depth Feet	Sample Length	Fe Analysis		Date:
1	0-8	8	None (Rock and Schist)		7-1-54
	8-14	6	18.4	58.2*	
	14-20	6	32.4		
	20-26	6	29.2		7-6-54
	26-32	6	32.6	52.7**	7-8-54
	32-38	6	14.2		
	1 oz. float ½ oz. sink*				
	1½ oz. float 3 oz. sink**				
3	0-6	6	None		7-13-54
	6-12	6	"		
	12-18	6	"		
	18-24	6	"		
	24-30	6	"		7-19-54
	30-36	6	"		
	36-42	6	"		
	42-48	6	"		
	48-54	6	"		
	54-60	6	"		
4	0-6	6	None		7-21-54
	6-12	6	"		
	12-18	6	"		
	18-24	6	"		
	24-30	6	"		7-23-54
	30-36	6	"		
	36-42	6	"		
	42-48	6	"		
	48-54	6	"		
	54-60	6	"		
	60-66	6	"		7-26-54
	66-72	6	"		
	72-78	6	"		
	78-84	6	"		
	84-90	6	"		
	90-96	6	"		
	96-102	6	"		
	102-108	6	"		

SCHROEDER MINING COMPANY

By [signature] Engr.

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

.....

.....

upon that certain parcel of ground described in a certain Exploration Project Contract dated

....., 195...., between .....

.....,

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this ..... day of ....., 195....

.....

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

400

224 New Customhouse
Denver 2, Colorado

August 4, 1954.

WSM

This does not say who from Region IV will prepare the needed Amendment

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, Platte County, Wyoming.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of May 1954.

W H King
W. H. King

Enclosures

MF-104

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

Administrative Audit Difference Statement

Date: July 30, 1954
Payee's
Reference: Progress Report
May, 1954

Schroeder Mining Company, Inc.
Guernsey,
Wyoming

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 1216.00

Difference $ 1216.00

Amount Approved $ .00

The reason for the difference was due to:

Entire amount of claim disallowed for the month of May, 1954 on the grounds that the work was not performed in conformance with the contract.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 27, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, Platte County, Wyoming. Operator's Monthly Progress Report for the month of May 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Hole #16 was drilled outside of the area designated by Amendment No. 1 and on ground not included under Article 2 of the contract. Therefore the entire amount of the Operator's claim for the month of May 1954 is disallowed on the grounds that the work was not performed in conformance with the contract. Please so advise the Operator.

Remarks:

Date of Operator's report	June 12, 1954.
Date Report received in Bureau of Mines Branch Office	June 16, 1954.
Date Report received in Regional Office	June 22, 1954.

Processing of the report was deferred in the Regional Office waiting on the Operator to resolve matters relative to Hole #16.

W. H. King

Enclosures

JWT:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.
JWTownsend

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 21, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, Contract IDM-E578 (Iron) Schroeder Mining Company (Good Fortune group), Platte County, Wyoming--Progress report for May 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, sketch map, drill logs with assay records--and the original and six copies of M. H. Salsbury's memorandum covering his inspection of the churn drilling progress and checking of the reporting forms. The contract is unit cost on short form MF-200(A) and documentation is not required.

Salsbury inspected the project June 8, 1954, and confirmed the 202 feet of churn drilling and assaying as reported in the narrative and entered on the MF-104A forms. Both the operator's narrative and covering inspecting engineer's memorandum satisfactorily describe the month's work performance. Entries and extensions on reporting forms were found correct. The churn drilling was as authorized by Amendment No. 1 of the contract.

Payment is approved and certified on the MF-104 form of $608.00 or 50 percent of the total $1,216.00 claimed by the contractor.

It was discovered from transit survey by the operator that the hole No. 16 was drilled on a claim (Blue Jay Fraction) company owned but not included in the contract. An amendment should be prepared to rectify this discrepancy.

L. N. Everett, for
W. M. Traver

enclosures

WMT/kp

cc 4
E578
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 17, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. N. Salsbury

Subject: DMEA 2964, Contract IDM-H578 (Iron) Schroeder Mining Company (Good Fortune group), Platte County, Wyoming--Progress report for May 1954

Progress under the subject contract was inspected June 8, 1954, in company with R. G. Landmacher, superintendent for the contractor.

The contractor claims payment under Phase "A", Stage I, Exhibit "A" of the contract for 202 feet of churn drilling in hole No. 16 and four chemical analyses. Drilling and analyses were verified by inspecting the drill site and examining the drill log and analytical results, and are not in excess of contract maximums.

Forms MF-104 and MF-104A and a narrative report for May, together with a drill log and analyses report, and a map showing the location of the drill hole were submitted in quintuplicate and are satisfactory.

Mineralization encountered in hole No. 16 was insignificant. No commercial ore has been cut by the three holes drilled north of the open pits as authorized by Amendment No. 1.

The total of drilling done under Phase "A", Stage I, Exhibit "A" of the contract to date is 1,964 feet, 36 feet less than the allowable maximum of 2,000 feet.

Currently, the contractor is drilling in the floor of the lower (east) pit on his own account. The drilling is scheduled to be moved to the Nightingale group late in May to start drilling under Phase "B", Stage I of the contract. A map showing the first two holes was furnished this office, and locations are satisfactory to the inspecting engineer.

Operation of the heavy media plant was continued throughout the month. A separate memorandum on the source of ore going to this plant was furnished at the request of the Chief, Mining Division, Region IV, and the Chairman of the Operating Committee.

The remainder of the samples on the first 16 holes was brought to Denver Federal Center and stored.

Monthly unit totals entered on forms MF-104 and MF-104A for May 1954 are correct.

The work was done in accordance with Amendment No. 1 of the contract except that the transit survey shows hole No. 16 to be on the Blue Jay Fraction, a claim not included in the contract. At the time the work north of the open pit was recommended, it was not apparent that this hole would not be on a claim covered in the contract. The Blue Jay Fraction is controlled by the contractor however, and an amendment to include it under the contract should be requested.

Payment of $608.00, or 50 percent of the amount claimed in May 1954, $1,216.00, is approved, subject to an amendment to place the Blue Jay claim under the contract, if needed.

M. H. Salsbury
M. H. Salsbury
Mining Engineer

MHS/kp

cc 6
E578
Chron

June 12, 1954

Mr. W. M. Trever, Chief
Mineral Resources Branch
Mining Division, Region IV
Bldg., 20, Room 137
Denver Federal Center,
Denver, 14, Colorado.

Dear Sir:

Re: BMM 2964, Contract IIM-S-778
Iron, Schroeder Mining Company,
Platte County, Wyoming.
(Good Fortune Group).

Enclosed are forms MF 104 and MF 104A for the month of May, 1954, and also plats showing exploration accomplished under the above mentioned contract.

One hole was drilled at location indicated on the plat.

Hole No.	Depth (ft.)
16	202

This hole penetrated no material which could be shipped without beneficiation.

Very little showing of ore was obtained, sample analysis at 50, 100, 150 and 200 feet were made but with very poor results.

The hole showed a schist formation that closely followed the log of previous hole #15.

At depth of 202 feet it was decided to abandon further drilling.

Very truly yours,

SCHROEDER MINING COMPANY,

By R. G. Langnecker
R. G. Langnecker, Supt.

RGL/t
Encl.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1954 Docket No. DMEA 2964 Contract No. 1[illegible]-578

Operator's Name Schroeder Mining Company Minerals Iron

Address Box 67 Guernsey, Wyoming

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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Ft.	1,212.00	202	11,784.00	1964	11,784.00	7100	42,600.00
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails	Ft.	None	None	1,000.00	1000	1,000.00	5000	5,000.00
Sample Analysis	One	4.00	4	89.00	89	89.00	500	500.00
TOTAL DISTRIBUTED COSTS		1,216.00		12,873.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,216.00		12,873.00				48,100.00

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 6/12/54 Operator SCHROEDER MINING COMPANY

Per R. T. Langmuir Title Supt.

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 83-38475

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

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

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

Month of May, 1954 Docket No. DMEA 2964 Contract No. IDM E 578
Operator's Name Schroeder Mining Company Minerals Iron
Address Box 67 Guernsey, Wyoming
Contract Amount, $ 48,100.00 Government Participation: 50 % Amount, $ 24,050.00

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	1,212.00	10,572.00	11,784.00			
Bulldozing Roads & Trails	None	1,000.00	1,000.00			
Crosscutting						
Drifting						
Sample Analysis	4.00	85.00	89.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,216.00	11,657.00	12,873.00			

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

Date 6/12/54 *Payee SCHROEDER MINING COMPANY

Per W. Schroeder Title Supt.

*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:

$ No Payment Made

Signature Randel P. Cooper
(Authorized Certifying Officer)

Date 7-30-54 Vou. No.
(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. DMA-5178 in accordance with the terms of the contract.

Signature W. H. Salsbury $608.00 Title Mining Engr. Date June 16, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W H King Title Executive Officer Date JUL 27 1954

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 83-38476

May 30, 1954.

Sample Breakdown and Analysis of Footage Drilled in May, 1954.

Hole No.	Depth Feet	Sample Length	Fe Analysis	Date:
26	0-6	6'	None	5/7/54
	6-12	6'	"	
	12-18	6'	"	
	18-24	6'	"	
	24-30	6'	"	
	30-36	6'	"	
	36-42	6'	"	
	42-48	6'	"	
	48-54	6'	03.4	5/18/54
	54-60	6'	None	
	60-66	6'	"	
	66-72	6'	"	
	72-78	6'	"	
	78-84	6'	"	
	84-90	6'	"	
	90-96	6'	"	
	96-102	6'	06.6	5/21/54
	102-108	6'	None	
	108-114	6'	"	
	114-120	6'	"	
	120-126	6'	"	
	126-132	6'	"	
	132-138	6'	"	
	138-144	6'	"	
	144-150	6'	09.3	5/21/54
	150-156	6'	None	
	156-162	6'	"	
	162-168	6'	"	
	168-174	6'	"	
	174-180	6'	"	
	180-186	6'	"	
	186-192	6'	"	
	192-198	6'	"	
	198-202	4'	04.8	5/29/54

SORORDER MINING COMPANY

By R. G. Langsacher

R. G. Langsacher, Supt.

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

.....

.....

upon that certain parcel of ground described in a certain Exploration Project Contract dated

....., 195...., between .....

.....,

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this ..... day of ....., 195....

.....

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 28, 1954.

2964
MF-104
April

WSK

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company (Good Fortune group), Platte County, Wyoming.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of April 1954.

W. H. King

Enclosures

MF-104
April

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 27, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company (Good Fortune group), Platte County, Wyoming. Operator's Monthly Progress Report for the period April 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Note: Operator's Narrative Report, signed by R. G. Langmacher, Superintendent, requests that future checks be sent to the Schroeder Mining Company at Guernsey, Wyoming.

Remarks:

Date of Report	May 12, 1954.
Date Received in Field Office	May 17, 1954.
Date Received in Region Office	May 26, 1954.

W. H. King

W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
May 26, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, Contract IDM-E578 (Iron), Schroeder Mining Company, (Good Fortune group), Platte County, Wyoming--Progress report for April 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, sketch map, drill logs with assay records--and the original and six copies of M. H. Salsbury's memorandum covering his inspection of the churn drilling progress and checking of the reporting forms. The contract is unit cost on short form MF-200(A) and documentation is not required.

Salsbury verified the progress both for March and April 1954 on an inspection made May 3. Claim is for 330 feet of churn drilling for April in one hole (No. 15) and for 7 sample analyses. The operations were in conformance with the terms of the contract and Amendment No. 1. They are satisfactorily described in narrative, location of holes are shown on the map, and footage properly entered on the MF-104A forms. The arithmetic of the reporting forms is correct. The inspecting engineer adequately reports the work in his memorandum and describes operation of the recently installed beneficiation plant.

Payment is approved and certified on the MF-104 forms of $993.50, or 50 percent of the total $1,987.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosure

WMT/kp

cc 4
E578
Chron

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
May 24, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 2964, Contract IDM-E578 (Iron), Schroeder Mining Company, (Good Fortune group), Platte County, Wyoming--Progress report for April 1954

Progress under the subject contract was inspected on May 3, 1954.

The contractor claims payment for 330 feet of churn drilling in hole No. 15, and 7 chemical analyses. Drilling and analyses were verified by inspecting drill sites, and examining drill logs and analytical results, and are not in excess of contract maximums.

Forms MF-104 and MF-104A and a narrative report for April, together with a drill log and analyses report, and a map showing the location of the drill hole, were submitted in quintuplicate, and are satisfactory.

The work done in March and approved for payment without inspection, was verified.

Mineralization encountered in hole No. 15 was negligible with no iron analyses over 6.8 percent being encountered with the exception of an analyses of 19.6 percent at a depth of 96 to 102 feet, and 16.1 percent from 150 to 156 feet. A mineable grade is not indicated.

The Heavy Media plant recently installed by the contractor had been in operation for more than a month on a one- and two-shift basis, and Schroeder reported excellent results. A shipping product assaying from 57 to 60 percent iron is being made from a mill feed assaying from 25 to 40 percent iron. This is being obtained from low-grade ore stockpiled previously and from portions of an old Colorado Fuel and Iron Corporation dump that is located on property now controlled by the contractor.

The plant has a capacity of 120 tons per hour, producing about 60 tons of concentrates per hour, depending on the grade of the heads. Four thousand tons of concentrates were shipped in April.

Portions of samples covering holes Nos. 14 and 15 were brought to Denver Federal Center and stored.

Monthly unit totals entered on forms MF-104 and MF-104A for April 1954 are correct. Form MF-104A is incorrectly dated April 12, 1954.

All work was done in accordance with the terms of the contract.

Payment of $993.50, or 50 percent of the amount claimed in April 1954, $1,987.00, is approved.

for R. L. Bolmer
M. H. Salsbury
Mining Engineer

MHS/kp

cc 6
E578
Chron

Form MF-1944 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1954 Docket No. DMEA 2904 Contract No. DM-6-578
Operator's Name Scorcoder Mining Company Minerals Iron
Address Box 67, Guernsey, Wyoming,
Contract Amount, $ 48,100.00 Government Participation: 50% Amount, $ 24,050.00

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	1,980.00	8,592.00	10,572.00			
Bulldozing Roads & Trails Done		1,000.00	1,000.00			
Crosscutting						
Drifting						
Sample Analysis	7.00	78.00	85.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,987.00	9,670.00	11,657.00	1,987.00	9,670.00	11,657.00

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

Date May 12, 1954 Payee SCORCODER MINING COMPANY

Per R. T. Hemmingsen Title Supt.

*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:

$ 993.50

Signature
(Authorized Certifying Officer)

Date 5/28/54 Voucher No. DMEA 54-131

(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. IdaE-17R in accordance with the terms of the contract.

Signature M. H. Salsbury $993.50 Title Mining Engineer Date May 24, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. King Title Executive Officer Date MAY 27 1954

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 83-38476

Form MF-14A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1954 Docket No. DMEA 2964 Contract No. DMEA-578
Operator's Name Schroeder Mining Company Minerals Iron
Address Box 67, Guernsey, Wyoming,

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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Ft.	1,930.00	330	10,572.00	1762	10,572.00	7100	42,600.00
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails	Ft.	None	None	1,000.00	1000	1,000.00	5000	5,000.00
Sample Analysis	One	7.00	7	85.00	85	85.00	500	500.00
TOTAL DISTRIBUTED COSTS		1,987.00		11,657.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		none						
Initial Rehabilitation and Repairs		none						
New Buildings, Improvements, etc		none						
TOTAL COSTS		1,987.00		11,657.00				48,100.00

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~~ May 12, 1954 Operator SCHROEDER MINING COMPANY

Per R. L. Henryson Title Supt.

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 83-38475

May 12, 1954

Mr. W. M. Traver, Chief
Mineral Resources Branch
Mining Division, Region IV
Bldg., 20, Room 137
Denver Federal Center,
Denver 14, Colorado.

Dear Sir:

Re: DMSA 2964, Contract IDM-E-678
Iron, Schroeder Mining Company,
Platte County, Wyoming.
(Good Fortune Group).

Enclosed are forms MF 104 "Operator's Monthly Report and Voucher" and MF 104A "Operator's Unit Cost and Progress Report" and narrative on the captioned contract for month of April, 1954.

Only one hole was drilled during April, 1954, hole #15 to a total depth of 330 feet.

This hole penetrated no material which could be shipped without beneficiation. Best showings were made between the 100 and 150 foot levels.

A schist formation showed to the completed depth of the hole.

Checks in the past have been mailed to our main office in Minneapolis, they have advised us to request that in the future they should be forwarded to our Guernsey address.

Very truly yours,

SCHROEDER MINING COMPANY

By R. G. Langmacher

R. G. Langmacher, Supt.

RGL/t
Encl.

Sample Breakdown and Analysis of Footage Drilled in April, 1954.

Hole No.	Depth Feet	Sample Length	Fe Analysis	Date
15	0-6	6'	None	4/8/54
	6-12	6'	"	
	12-18	6'	"	
	18-24	6'	"	
	24-30	6'	"	
	30-36	6'	"	
	36-42	6'	"	
	42-48	6'	"	
	48-54	6'	6.8	4/9/54
	54-60	6'	None	
	60-66	6'	"	
	66-72	6'	"	
	72-78	6'	"	
	78-84	6'	"	
	84-90	6'	"	
	90-96	6'	"	
	96-102	6'	19.6	4/14/54
	102-108	6'	None	
	108-114	6'	"	
	114-120	6'	"	
	120-126	6'	"	
	126-132	6'	"	
	132-138	6'	"	
	138-144	6'	"	
	144-150	6'	"	
	150-156	6'	26.1	4/16/54
	156-162	6'	None	
	162-168	6'	"	
	168-174	6'	"	
	174-180	6'	"	
	180-186	6'	"	
	186-192	6'	"	
	192-198	6'	"	
	198-204	6'	2.0	4/19/54
	204-210	6'	None	
	210-216	6'	"	
	216-222	6'	"	
	222-228	6'	"	
	228-234	6'	"	
	234-240	6'	"	
	240-246	6'	"	
	246-252	6'	5.0	4/21/54
	252-258	6'	None	
	258-264	6'	"	
	264-270	6'	"	
	270-276	6'	"	
	276-282	6'	"	

Sample Breakdown and Analysis of Footage Drilled in April, 1954.

Hole No.	Depth Feet	Sample Length	Fe Analysis	Date:
18				
	288-290	6'	None	
	290-294	6'	"	
	294-300	6'	5.5	4/23/54
	300-306	6'	None	
	306-312	6'	"	
	312-318	6'	"	
	318-324	6'	5.4	4/26/54
	324-330	6'	None	4/28/54

SCHROEDER MINING COMPANY

By R. O. Langmacher Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant _____

Docket No. _____

Commodity _____

Amount $ _____

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

_____
Member, Bureau of Mines

_____
Member, Geological Survey

13759

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 3, 1954.

WSM

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, (Good Fortune Group), Platte County, Wyoming.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of March 1954.

W H King
W. H. King

Enclosures

MF-104
March

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 28, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, (Good Fortune group), Platte County, Wyoming. Operator's Monthly Progress Report for the period March 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work performed has not been verified by inspection but is authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report. Recommendation for payment is made contingent upon the work being satisfactorily performed. This fact will be verified during the next regular monthly inspection.

Remarks:

Date of Report	April 13, 1954.
Date Received in Field Office	April 15, 1954.
Date Received in Region Office	April 27, 1954.

W H King
W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
April 26, 1954

Memorandum

To: Executive Officer, IMEA Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: IMEA 2964, Contract IDM-E578 (Iron), Schroeder Mining Company, (Good Fortune group), Platte County, Wyoming--Progress report for March 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, sketch map, drill logs with assay records--and the original and six copies of M. H. Salsbury's memorandum covering approval without inspection of the churn drilling progress and checking the reporting forms. The contract is unit cost on short form MF-200(A) and documentation is not required.

The claim for reimbursement is approved in this instance, subject to confirmation on the next regular inspection. The operator reports in his narrative 331 feet of churn drilling in one hole (No. 14), at the new location permitted by Amendment No. 1 to the contract, enters that amount on the MF-104A, and shows the location on his progress map. His attached drill log shows the results of 20 iron assays. The arithmetic and entries and extensions on the reporting forms are correct and work was performed in accordance with the terms of the contract and amendment.

Payment is approved and certified on the MF-104 form of $1,002.50, or 50 percent of the total $2,005.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosure

WMT/kp

cc 4
E578
Charon

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
April 21, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMRA 2964, Contract IDM-2578 (Iron), Schroeder Mining Company, (Good Fortune group), Platte County, Wyoming--Progress report for March 1954

Progress under the subject contract was not inspected in the field. On the day that a Bureau of Mines representative passed through Guernsey, Wyoming, a blizzard was in progress and the operation was inaccessible.

The contractor claims payment for 331 feet of churn drilling in hole No. 14, and 19 sample analyses for iron in March 1954. The drill log shows 331 feet of hole and 20 samples.

Forms MF-104 and MF-104A and a narrative report for March, together with a drill log and analyses report, and map showing the location of the drill hole, were submitted in quintuplicate.

The drill hole was drilled to the north of the east pit in accordance with Amendment No. 1 to the contract. The log shows no occurrence of iron ore except for low-grade assays above the 298-foot point. From this point to the end of the hole at 331 feet, continuous ore running from 25.0 to 40.0 percent was encountered. The formation is reported as a schist. All of the ore is below shipping grade unless beneficiated.

The depth at which this ore occurs precludes a stripping and open pit operation, and it is doubtful that the low-grade ore could be mined profitably by underground methods.

Monthly unit totals entered on forms MF-104 and MF-104A for March 1954 are correct.

All work in March is accepted as being in accordance with the terms of the contract, and will be verified on the next regular field inspection.

Payment of $1,002.50, or 50 percent of the amount claimed in March 1954, $2,005.00, is approved.

M. H. Salsbury
M. H. Salsbury
Mining Engineer

MHS/kp

cc 6
E578
Chron

Form MF-194 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1954 Docket No. DMEA 2964 Contract No. IDM-E-578
Operator's Name Schroeder Mining Company Minerals Iron
Address Box 67 Guernsey, Wyoming
Contract Amount, $ 48,100.00 Government Participation: 50% Amount, $ 24,050.00

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	1986.00	6606.00	8592.00			
Bu Roads & Trails	none	1000.00	1000.00			
Crosscutting						
Drifting						
Sample Analysis	19.00	59.00	78.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2005.00	7665.00	9670.00	2005.00	7665.00	9670.00

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

Date Apr. 13 1954 *Payee SCHROEDER MINING COMPANY

Per [signature] Title Supt.

*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:

$ 1002.50

Signature [signature]
(Authorized Certifying Officer)

Date 4/29/54 Vou. No. DMA 54-116
(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. DMA-F578 in accordance with the terms of the contract.

Signature M.H. Salsbury $002.50 WMT Title Mining Engineer Date April 20, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W.H. King Title Executive Officer Date APR 28 1954

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 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL DISTRIBUTED COSTS		[illegible]		[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		[illegible]		[illegible]				
Initial Rehabilitation and Repairs		[illegible]		[illegible]				
New Buildings, Improvements, etc.		[illegible]		[illegible]				
TOTAL COSTS		[illegible]		[illegible]				[illegible]

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.

[illegible]

Date [illegible] Operator [illegible]

Per [illegible] Title [illegible]

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 83-38475

March 10, 1954

Mr. W. M. Traver, Chief
Mineral Resources Branch
Mining Division, Region IV
Bldg. 20, Room 137
Denver Federal Center
Denver 14, Colorado

Dear Sir:

Re: DMA 2964, Contract IBM-2-978
Iron, Schroeder Mining Company,
Platte County, Wyoming.
(Good Fortune Group.)

Enclosed are forms MF 104 and MF 104A for the month of March, 1954, and also maps showing exploration accomplished under the above mentioned contract.

One hole was drilled at location indicated on the map.

Hole No.	Depth (ft).
14	331

This hole penetrated no material which could be shipped without beneficiation.

Very little showing of ore was obtained until a depth of 36' was reached. At 300' analysis showed 40.0%. Samples were taken every six feet in this hole. Hole was drilled in a schist formation.

In running tests we noted a black deposit left in the bottom of the beakers after the hydrochloric acid was added.

Very truly yours,

SCHROEDER MINING COMPANY,

By R. J. Langenscheid
R. J. Langenscheid, Supt.

RJL/b
Encl.

Sample Distribution and Analysis of Footage Drilled in March, 1954.

Hole No.	Depth Feet	Sample Length	Fe Analysis	Date
14	0-6	6'	None	Mar. 15, 1954
	6-12	6'	"	
	12-18	6'	"	
	18-24	6'	"	
	24-30	6'	"	
	30-36	6'	"	
	36-42	6'	4.3	Mar. 15, 1954
	42-48	6'	None	
	48-54	6'	"	
	54-60	6'	"	
	60-66	6'	"	
	66-72	6'	"	
	72-78	6'	7.9	Mar. 17, 1954
	78-84	6'	None	
	84-90	6'	"	
	90-96	6'	"	
	96-102	6'	12.6	Mar. 19, 1954
	102-108	6'	None	
	108-114	6'	None	
	114-120	6'	None	
	120-126	6'	"	
	126-132	6'	4.0	Mar. 20, 1954
	132-138	6'	None	
	138-144	6'	"	
	144-150	6'	7.2	Mar. 23, 1954
	150-156	6'	None	
	156-162	6'	6.0	Mar. 23, 1954
	162-168	6'	None	
	168-174	6'	"	
	174-180	6'	"	
	180-186	6'	9.6	Mar. 24, 1954
	186-192	6'	None	
	192-198	6'	"	
	198-204	6'	8.2	Mar. 24, 1954
	204-210	6'	None	
	210-216	6'	"	
	216-222	6'	3.6	Mar. 24, 1954
	222-228	6'	None	
	228-234	6'	"	
	234-240	6'	"	
	240-246	6'	"	
	246-252	6'	"	
	252-258	6'	"	
	258-264	6'	"	
	264-270	6'	"	
	270-276	6'	"	
	276-280	4'	18.4	Mar. 25, 1954

Hole 2

289-296	6'		None	
296-298	6'		None	
298-299	6'		"	
299-303	3'		27.8	Mar. 26, 1954
303-306	3'		42.8	"
306-309	3'		30.8	"
309-312	2'		35.2	"
312-314	3'		37.0	Mar. 27, 1954
314-317	3'	3 3'	37.0	"
317-320	3'		34.2	"
320-323	3'		35.2	Mar. 29, 1954
323-326	3'		34.5	"
326-331	5'		26.0	Mar. 30, 1954

SCHROEDER MINING COMPANY

By R. D. Longenecker

WASHINGTON 25, D. C.

OFFICIAL BUSINESS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 29, 1954

2964

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company (Good Fortune Group), Platte County, Wyoming.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of February 1954.

John F. Shaw
John F. Shaw
For M. M. King

Enclosures

File
mf-104

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 25, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E576, Schroeder Mining Company (Good Fortune Group), Platte County, Wyoming. Operator's Monthly Progress Report for the period February 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	March 6, 1954.
Date Received in Field Office	March 11, 1954.
Date Received in Region Office	March 24, 1954.

John F. Shaw
For W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 23, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, Contract IDM-E578 (Iron), Schroeder Mining Company, (Good Fortune group), Platte County, Wyoming--Progress report for February 1954

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, sketch map, drill logs with assay records--and the original and six copies of M. H. Salsbury's memorandum covering inspection of the churn drilling progress and checking the reporting forms. The contract is unit cost on short form MF-200(A) and documentation is not required.

Salsbury confirmed the 196 feet of churn drilling completed in three holes, Nos. 11, 12, and 13, as reported in the narrative, located on the map, and entered on the MF-104A forms. Five sample analyses are also approved. The work was in conformance with the terms of the contract and entries and extensions are correct on the reporting forms.

The Region IV Field Team has approved and prepared an amendment, recommended by field, to change the remaining four holes under Phase A, Stage I, of the contract to a more favorable location.

Payment is approved and certified on the MF-104 forms of $590.50, or 50 percent of the total $1,181.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 4
E578
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 23, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: IMRA 2964, Contract IDM-E578 (Iron), Schroeder Mining Company, (Good Fortune group), Platte County, Wyoming--Progress report for February 1954

Progress under the subject contract for February 1954 was inspected on February 25, 1954, in company with Paul Schroeder, manager for the contractor. At the same time a joint field examination was made with a representative of the Geological Survey to consider an amendment requested by the contractor to permit a change in the location of four churn drill holes remaining to be drilled under Phase A, Stage I, Exhibit A of the contract. Three holes were tentatively located on the north side of the east pit by Brunton survey.

The contractor claims payment for 196 feet of churn drilling in holes 11, 12, and 13, with depths and locations given in the narrative report and map submitted for February. Payment for five chemical analyses is also claimed. Drilling and analyses were verified by inspecting drill sites, and examining drill logs and analytical results, and are in accordance with the terms of the contract.

An ore product which could be shipped mine run, or probably after heavy media concentration, was not indicated in any of the holes, drilled largely in barren limestone. It has been established by drilling completed to date that the possibility of finding any more ore to the east is poor, and after the field examination, it was agreed to recommend an amendment to the contract permitting shifting of the last four holes in Stage I to explore for a possible ore deposit on the north side of the main ore body.

The heavy media plant being installed by the contractor was scheduled to begin operating about March 15, 1954.

Portions of samples covering holes No. 6 to 13 were brought to Denver Federal Center and stored.

Drilling operations under the contract were suspended on February 25, 1954, pending authorization to proceed under the proposed amendment.

Monthly unit totals entered on forms MF-104 and MF-104A for February 1954 are correct. These forms and a narrative report were incomplete as originally received at the Mineral Resources Branch office on March 15, 1954, were returned for completion, and were resubmitted in correct form on March 22, 1954.

All work was done in accordance with the terms of the contract.

Payment of $590.50, or 50 percent of the amount claimed in February 1954, $1,181.00, is approved.

M. N. Salsbury
Mining Engineer

MNS/kp

cc 6
E578
Chron

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

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 1954

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

Month of February, 1954 Docket No. DMEA 2964 Contract No. [illegible]-E578
Operator's Name SCHROEDER MINING CO. Minerals
Address Guernsey, Wyoming
Contract Amount, $ 48,100.00 Government Participation: 50 % Amount, $ 24,050.00

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:		5430.00	66.06.00			
Drilling	1176.00	[illegible]	[illegible]			
[illegible] Roads & Trails Rpr		1000.00	1000.00			
Crosscutting						
Drifting						
Sample Analysis	5.00	54.00	59.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1181.00	6484.00	7665.00			

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

Date MAR 6 1954 *Payee SCHROEDER MINING COMPANY

Per R. L. Langenwalter Title Supt.

*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:

$ 590.50

Signature [illegible]
(Authorized Certifying Officer)

Date 3/25/54 Vou. No. DMA 54-98

(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. Tam-E578 in accordance with the terms of the contract.

Signature W. N. Salabury 590 Title Mining Engineer Date March 12, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R. D.B.

Signature John T. Shaw for W. H. King Title Executive Officer Date MAR 25 1954

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 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February, 195 4 Docket No. DMEA 2964 Contract No. [illegible]78
Operator's Name SCHROEDER MINING CO. Minerals Iron
Address Gormsey, Wyoming.

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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger	ft	1176.00	196	6606.00	1101	6606.00	7100	42,600.00
Stripping								
Trenching								
Test Pits								
Roads and Trails	ft	None	None	1000.00	1000	1000.00	5000	5,000.00
Sample Analysis	one	5.00	5	59.00	59	59.00	500	500.00
TOTAL DISTRIBUTED COSTS		1181.00		7665.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		None		None				
Initial Rehabilitation and Repairs		"		"				
New Buildings, Improvements, etc.		"		"				
TOTAL COSTS		1181.00		7665.00				48,100.00

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 MAR 6 1954 Operator SCHROEDER MINING COMPANY

Per [signature] By Title Supt.

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 83-38475

DEPT. OF THE INTERIOR
Materials Administration
RECEIVED
MAR - 1 1954

March 6, 1954

Mr. W. M. Trever Jr.,
Chief Mineral Resources Branch
Mining Division, Region IV
U. S. Bureau of Mines
Denver Federal Center
Denver, 14, Colorado

Dear Sir:

Re: DMMA 2964, Contract IDM-2974,
(Iron), Schroeder Mining Company
Platte County, Wyoming.
(Good Fortune Group).

Enclosed are forms MF104 and MF104A for the month of February, 1954, and also maps showing exploration accomplished under the above mentioned contract.

Three holes were drilled as follows, at locations noted on map:

Hole No.	Depth (ft.)
11	61
12	65
13	70

None of the holes penetrated material which could be shipped without beneficiation. Hole #11 was a dry hole. Hole #12 showed a mineralized color from 6' - 15' but the analysis was very low. Hole #13 showed low grade ore at 0' - 12' which could possibly be beneficiated. All three holes were drilled in Pre-Cambrian Limestone and were abandoned before reaching a 100 foot depth.

The Bureau Inspector Mr. Salsbury and the Field Engineer agreed upon the necessity of relocating the last four holes on Phase "A" of Stage I. Drilling was stopped on the 24th day of February. They will be resumed as soon as decision is made upon the relocation of the remaining holes in this portion of the contract.

Very truly yours,

SCHROEDER MINING COMPANY

By R. G. Langenscheer
R. G. Langenscheer, Supt.

RGL/t

1954

March 16, 1954

Mr. W. M. Traver Jr.,
Chief Mineral Resources Branch
Mining Division, Region IV
U. S. Bureau of Mines
Denver Federal Center
Denver, 14, Colorado

Dear Sir:

Re: DMEA 2964, Contract IDM-8578,
(Iron), Schroeder Mining Company
Platte County, Wyoming.
(Good Fortune Group).

Supplementing our letter of March 6, 1954, we are enclosing log for holes 11, 12 and 13:

Hole No.	Depth Feet	Sample Length	Fe Analysis	Date
11	0-6	6'	None	Feb. 1
	6-12	6'	"	
	12-18	6'	"	
	18-24	6'	"	
	24-30	6'	"	
	30-36	6'	"	
	36-42	6'	"	
	42-48	6'	"	
	48-54	6'	"	
	54-61	6'	"	
12	0-6	6'	None	Feb. 7
	6-9	3'	5.0	
	9-12	3'	5.2	
	12-15	3'	6.2	
	15-21	6'	None	
	21-27	6'	"	
	27-33	6'	"	
	33-39	6'	"	
	39-45	6'	"	
	45-51	6'	"	
	51-57	6'	"	
	57-65	8'	"	
13	0-6	6'	19.0	Feb. 18
	6-12	6'	25.2	
	12-18	6'	None	
	18-24	6'	None	

24-30	6'	None
30-36	6'	"
36-42	6'	"
42-48	6'	"
48-54	6'	"
54-60	6'	"
60-70	10'	"

Respectfully,

[redacted] MINING COMPANY

By R. L. Langsmith
Supt.

RGL/b

DEFENSE MINERALS
EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 4, 1954.

WSM

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of January 1954.

W H King
W. H. King

Enclosures

January 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

February 19, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming. Operator's Monthly Progress Report for the period January 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	February 10, 1954.
Date Received in Field Office	February 14, 1954.
Date Received in Region Office	February 16, 1954.

W H King
W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 16, 1954

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, contract Idm-E578 (Iron), E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming - Progress report for January 1954

Enclosed are the original and four copies of the subject progress report--forms MF-104 and MF-104A, with narrative, progress map, and sample and assay record--and the original and six copies of M. H. Salsbury's memorandum covering inspection of churn drilling progress and review of the reporting forms. The contract is unit-cost on short form MF-200(A) and documentation is not required.

The inspecting engineer confirmed in the field the churn drilling footage of 329 feet shown as completed in the narrative and on the progress map and the assaying entered on the MF-104A forms and confirmed by the sample records. Entries and extensions are correct on the reporting forms and the work was performed in accordance with the terms of the contract.

Payment is approved and certified on the MF-104 forms of $994.00, or 50 percent of the total $1,988.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

cc 4
E578
DMEA Chron.

WMT/pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 15, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: DMEA 2964, contract Idm-2578 (Iron), E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming - Progress report for January 1954

Progress under the subject contract for January 1954 was inspected February 1, 1954, in company with C. F. Brooks, bookkeeper for the contractor.

The contractor claims payment for 329 feet of churn drilling and 14 chemical analyses of samples for iron, as described in the narrative report and map for January 1954. All work was done under Stage I, phase "A" of the contract.

Following is a list of the holes, with the lengths given in the drill logs, and the corresponding length measured by the Bureau of Mines engineer:

Hole No.	Length in Drill Log	Length Measured
7	34 feet	24 feet
8	100 feet	98 feet
9	100 feet	97 feet
10	95 feet	---
Total length drilled -	329 feet	

The claims were verified by checking drill logs and laboratory reports. In addition, a tape was dropped in Holes No. 7, 8, and 9, with results as shown. The holes measured shorter than the length given in the drill logs. The discrepancy can be accounted for by caving near the top when the casing placed at the collar was withdrawn. In the case of Hole No. 7, drilled entirely in waste, excessive caving was noted in the drill log, together with very hard ground encountered at the bottom, caused abandonment. Hole No. 10, also entirely in waste, was stopped at 95 feet in exceptionally hard ground.

Holes No. 8 and 9 penetrated material some portions of which might be amenable to concentration by heavy media processes. To date, no ore is indicated in line with the expected ore trend eastward from

the present workings. The low-grade ore indicated in Holes No. 6, 8, and 9 is south of this trend and may not necessarily be a continuation of the ore in the present workings. Some of the remaining holes under phase "A" are to be drilled to test further the mineralization encountered in these holes.

The contractor has put a heavier drilling rig into service and progress should be more rapid. Seven holes, remaining to be drilled under Stage I, phase "A," will probably be completed before April 1, 1954, and an appraisal by an engineer and geologist will probably be required at that time to arrive at a decision on further work under phase "B."

Portions of all samples taken in Holes No. 6 to 10, inclusive, were saved for DMEA, whether analyzed or not.

Monthly unit totals entered on forms MF-104 and MF-104A for January are correct.

All work was done in accordance with the terms of the contract.

Payment of $994.00, or 50 percent of the amount claimed in January 1954, $1,988.00, is approved.

F. W. Everett, for
M. H. Salsbury
Mining Engineer

cc 6
E578
DMEA Charon.

MHS/pam

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1954 Docket No. DMEA 2964 Contract No. C-1954-578
Operator's Name E. C. Schroeder Co., Inc. Minerals Zinc
Address [illegible]
Contract Amount, $ 48,300.00 Government Participation: 50 % Amount, $ 24,150.00

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	974.00	2456.00	3430.00			
Bulldozing [illegible]	[illegible]	1000.00	1000.00			
Crosscutting						
Drifting						
[illegible]	24.00	40.00	64.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]	1988.00	4496.00	6484.00

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

Date 2/10/54 *Payee E. C. Schroeder Co., Inc.

Per [illegible] Title Supt.

*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:

$ 994.00

Signature [illegible]
(Authorized Certifying Officer)

Date 2/26/54 Vou. No. DMA 54-85

(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. DMA-FS78 in accordance with the terms of the contract.

Signature M. H. Salahuy P 994 00 Wm Title Mining Engineer Date Feb. 15, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R. S.

Signature W. H. King Title Executive Officer Date FEB 19 1954

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 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

Defense Minerals Administration
Received
Feb 8 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January, 195 4 Docket No. DMEA 2964 Contract No. DMEA-578

Operator's Name E. C. Schroeder Co., Inc. Minerals Iron

Address Manager, Iowa

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								
Raising								
Shafts						$6.00		
Winzes								
Drilling: Core	329	1974.00	329	5430.00	905	5430.00	7100	42,600.00
Churn								
Auger								
Stripping								
Trenching						100		
Test Pits	None	None	None	1000.00	1000	1000.00	5000	5,000.00
Roads and Trails	14	14.00	14	54.00	54	54.00	500	500.00
Sample Analysis						100		
		1988.00		6484.00				
TOTAL DISTRIBUTED COSTS		None		None				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		0		0				
Initial Rehabilitation and Repairs		0		0				
New Buildings, Improvements, etc.								
		1988.00		6484.00				48,100.00
TOTAL COSTS								

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 2/10/54 Operator E. C. Schroeder Co., Inc.

Per W. L. Langmuir Title Supt.

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:

(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 83-38475

Guernsey, Wyoming
February 6, 1954

Mr. S. M. Traver Jr., Chief
Mineral Resources Branch, Mining Division, Region IV
U. S. Bureau of Mines
Bldg 20, Room 137
Denver Federal Center
Denver 14, Colorado

Reference: DMEA 2964, Contract I4m-E578
(Iron), E. C. Schroeder Co., Inc.
Platte County, Wyoming
(Good Fortune Group).

Dear Sir:

Enclosed are forms MF104 and MF104A for the month of January, 1954, and also maps showing exploration accomplished under the above mentioned contract.

Four holes were drilled as follows, at locations noted on map:

Hole No.	Depth (ft)
7	34
8	100
9	100
10	95

None of the holes penetrated material which could be shipped without beneficiation. Sections of holes No. 8 and 9 showed ore which might be concentrated by heavy media processes. Hole #7 was abandoned at thirty-four feet due to caving from the top and very hard grit. Hole #10 was discontinued at ninety-five feet due to this same grit material. Both holes No. 7 and 10 were barren. It appears from the surface and the samples taken, that both holes encountered the same rock and grit formations.

Samples were taken every three and six feet in mineralized and barren material. The mineralized sections were analyzed for iron content. Cuts of all samples were saved for the Field Team.

Attached is sheet showing sample breakdown, and analysis of mineralized samples.

Sincerely yours,

R. G. Langmacher
Superintendent

RGL:cf
Enclosures

February 6, 1954

Sample Breakdown and Analysis of Footage Drilled January, 1954.

Hole No.	Depth	Sample Length	FE Analysis	Date
7	0-6'	6'	None	Jan. 1, 1954
	6-12'	6'	"	
	12-18'	6'	"	
	18-24'	6'	"	
	24-34'	10'	"	
8	0-6'	6'	"	Jan. 7, 1954
	6-12'	6'	"	
	12-18'	6'	"	
	18-24'	6'	"	
	24-30'	6'	"	
	30-36'	6'	"	
	36-42'	6'	"	
	42-48'	6'	"	
	48-54'	6'	"	
	54-60'	6'	13.0%	
	60-63'	3'	13.8%	
	63-66'	3'	9.0%	
	66-72'	6'	14.4%	
	72-78'	6'	36.0%	
	78-81'	3'	42.0%	
	81-84'	3'	45.0%	
	84-87'	3'	29.2%	
	87-90'	3'	17.8%	
	90-96'	6'	None	
	96-100'	4'	"	
9	0-6'	6'	None	
	6-12'	6'	"	
	12-18'	6'	"	
	18-24'	6'	"	
	24-30'	6'	"	
	30-36'	6'	"	
	36-39'	3'	"	
	39-45'	6'	"	
	45-51'	6'	"	
	51-57'	6'	"	
	57-63'	6'	"	
	63-66'	3'	"	
	66-69'	3'	26.1%	
	69-72'	3'	35.0%	
	72-75'	3'	34.8%	
	75-78'	3'	24.2%	
	78-81'	3'	16.2%	
	81-87'	6'	None	
	87-93'	6'	"	
	93-100'	7'	"	

XE

February 6, 1954

January Sample Breakdown & Analysis Continued -

Hole No.	Depth	Sample Length	FE Analysis	Date
10	0-8'	8'	None	January 24, 1954
	8-14'	6'	"	
	14-20'	6'	"	
	20-26'	6'	"	
	26-32'	6'	"	
	32-38'	6'	"	
	38-44'	6'	"	
	44-50'	6'	"	
	50-56'	6'	"	
	56-62'	6'	"	
	62-68'	6'	"	
	68-74'	6'	"	
	74-80'	6'	"	
	80-86'	6'	"	
	86-92'	6'	"	
	92-95'	3'	"	

Note: Hole #8 is less than 100 ft. from holes #6 & 7. The reason for this being that No. 7 hole was drilled in a rock wall, and it was felt that by moving up the hill between these two holes that drilling in the wall could be avoided.

Omea 2964 Iron

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1954

224 New Customhouse
Denver 2, Colorado

January 29, 1954

WSM

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, E. C. Schroeder Company, Inc., (Good Fortune Group), Platte County, Wyoming. Operator's Monthly Progress Report for the period December, 1953.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of December, 1953.

W. E. King

W. E. King

Enclosures

MF-104
Dec 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

January 18, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, E. C. Schroeder Company, Inc., (Good Fortune group), Platte County, Wyoming. Operator's Monthly Progress Report for the period December 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	January 9, 1954.
Date Received in Field Office	January 13, 1954.
Date Received in Region Office	January 15, 1954.

W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
January 14, 1954

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, contract Idm-E578 (Iron), E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming - Progress report for December 1953

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, two progress maps, and sample record--and the original and six copies of M. N. Salsbury's memorandum covering his inspection of the surface churn drilling progress and review of the reporting forms. The contract is unit-cost on short form MF-200(A) and documentation is not required.

Salsbury verified in the field the churn drilling footage of 302 feet and access road building 475 feet, reported in the narrative and entered on the MF-104A forms and in addition, the 29 sample analyses entered on the reporting forms. Hole locations and access roads are shown on the progress maps, entries and extensions on the reporting forms are correct, and the inspecting engineer describes satisfactorily the work performance which was in accordance with the terms of the contract.

We presume the signatures on the report are acceptable.

Payment is approved and certified on the MF-104 forms of $1,158.00, or 50 percent of the total $2,316.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

cc 4
E578
DMEA Chron.

WMT/pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
January 14, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. E. Salsbury

Subject: DMEA 2964, contract Idm-2578 (Iron), E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming - Progress report for December 1953

Progress under the subject contract for December 1953 was inspected January 4 and 5, 1954, in company with C. F. Brooks, bookkeeper and chemist for the contractor.

At the time of inspection, Hole No. 7 to the east of the open pit was being drilled. The contractor claims payment for 302 feet of churn drilling in Holes No. 4, 5, and 6, 29 chemical analyses for iron, and 475 feet of access road. All work was under Stage I, phase "A," of the contract.

The claims for drilling and chemical analyses were verified by checking drill logs and laboratory reports. The footage of access road built was measured as 500 feet but the contractor claims only 475 feet which brings the total to date to 1,000 feet, the maximum allowed under Stage I, phase "A," of the contract.

The narrative report and maps for December, submitted by the contractor, give length and location of completed holes and access roads and results of the analyses of samples for iron.

Drilling west of the open pit under Stage I, phase "A," of the contract, has been completed. Holes No. 1, 2, and 3, completed in November, showed low-grade ore which, according to the contractor's representative, can be beneficiated in a heavy media plant to make a product of shipping grade. Holes No. 4 and 5, completed in December, do not show ore of commercial value. The highest iron content in either hole was 18.0 percent iron at a depth of 91-97 feet in Hole No. 5. Other samples were negligible.

In Hole No. 6, the first drilled east of the open pit, analyses of as high as 41.8 percent iron were obtained and 84 out of

102 feet of hole showed material which probably could be concentrated. The hole was still in mineralized material at 102 feet, but had to be abandoned because of caving.

The only operation being carried on at the time of inspection was drilling under the exploration contract. Mining operations had been suspended pending installation of a heavy media plant which is scheduled for delivery in January 1954. The churn drilling crew of two men and Brooks were on duty.

The narrative report and forms MF-104 and MF-104A submitted by the contractor for December were signed by Brooks for the superintendent, R. G. Landmacher.

While it is apparent in the field that the location of the holes bear the proper relation to the ore trend as indicated by the open pit, the contractor is being advised to show this data on their progress maps.

Cuts of all samples taken in the first five holes were saved for DMEA, whether they had been analysed or not, and were brought to Denver Federal Center by the inspecting engineer.

Monthly unit totals entered on forms MF-104 and MF-104A for December are correct.

All work was done in accordance with the terms of the contract.

Payment of $1,158.00, or 50 percent of the amount claimed in December 1953, $2,316.00, is approved.

M. H. Salsbury
M. H. Salsbury
Mining Engineer

cc 6
E578
DMEA Chron.

MHS/pam

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Budget Bureau No. 42-R1036.3.
Approval expires 6-30-54.
RECEIVED
FEB - 1 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1953 Docket No. DMEA 2064 Contract No. 1[illegible]-578
Operator's Name E. C. Schroeder Co., Inc. Minerals Iron
Address McGregor, Iowa
Contract Amount, $ 40,100.00 Government Participation: 50 % Amount, $ 24,050.00

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	1812.00	1644.00	3456.00			
[illegible] Roads & Dr.	113475.00	525.00	1000.00			
Bulldozing						
Crosscutting						
Drifting						
Sample Analysis	29.00	11.00	40.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2316.00	2180.00	4496.00	2316.00	2180.00	4496.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date January 9, 1954 *Payee E. C. Schroeder Co., Inc.
Per R. H. Langmacher Title Supt

*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:

$ 1158.00

Signature [illegible]
(Authorized Certifying Officer)
Date 1/25/54 Vou. No. DMA 54-75
(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. Idm-E578 in accordance with the terms of the contract.

Signature W. R. Salsbury $115800 WMT Title Mining Engineer Date Jan. 13, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. J. King Title Executive Officer Date JAN 18 1954

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 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN - 1 1954

Month of December, 195 3 Docket No. DMEA 2066 Contract No. [illegible]
Operator's Name E. C. Schroeder Co., Inc. Minerals Iron
Address Mc Gregor, Iowa

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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	302	1812.00	302	3456.00	576	3456.00	7100	42,600.00
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails	475	475.00	475	1000.00	1000	1000.00	5000	5,000.00
Sample Analysis	29	29.00	29	40.00	40	40.00	500	500.00
Total Distributed Costs		2316.00		4496.00				Total Costs Authorized by Contract
Operating Equipment Purchased		None		None				
Initial Rehabilitation and Repairs		"		"				
New Buildings, Improvements, etc.		"		"				
Total Costs		2316.00		4496.00				48,100.00

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 9, 1954 Operator E. C. Schroeder Co., Inc.

Per R. G. Langmacher CHB Title Supt.

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:

(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 83-38475

Guernsey, Wyoming
January 4, 1954

Mr. W. M. Traver Jr., Chief
Mineral Resources Branch, Mining Division, Region IV
U. S. Bureau of Mines
Bldg 20, Room 137
Denver Federal Center
Denver 14, Colorado

Dear Sir:

Enclosed are forms MF104 and MF104A for the month of December, 1953, and also maps showing exploration accomplished under contract IBM 2578 in December.

Three holes were drilled as follows at locations noted on maps:

Hole No.	Depth (ft)
4	100
5	100
6	102
Total	302

None of these holes penetrated material which could be shipped without beneficiation. Sections of hole No. 6 showed ore which might be concentrated by heavy media processes.

Samples were taken every six feet in mineralized and barren material. The mineralized sections were analyzed for iron content. Cuts of all samples were saved for the Field Team.

There were four hundred seventy-five feet of access roads built as shown on the maps.

Attached is sheet showing the sample breakdown, and analysis of mineralized samples.

Yours truly,

E. C. SCHROEDER CO., INC.

R. S. Langmacher

R. S. Langmacher
Superintendent

RGL: of
Enclosures

January 4, 1954

Sample Breakdown and Analysis of Footage Drilled December, 1953.

Hole No.	Depth	Sample Length	FE Analysis	Date
4	0-8'	8'	7.6%	Dec. 1, 1953
	8-11'	3'	7.0%	
	11-14'	3'	7.4%	
	14-17'	3'	9.4%	
	17-20'	3'	14.7%	
	20-23'	3'	11.8%	
	23-29'	6'	None	
	29-35'	6'	"	
	35-44'	9'	"	
	44-50'	6'	"	
	50-59'	9'	"	
	59-65'	6'	"	
	65-71'	6'	"	
	71-77'	6'	"	
	77-83'	6'	"	
	83-89'	6'	"	
	89-95'	6'	"	
	95-100'	5'	"	
5	0-7'	7'	None	Dec. 15, 1953
	7-13'	6'8	"	
	13-19'	6'	"	
	19-25'	6'	"	
	25-31'	6'	"	
	31-37'	6'	"	
	37-43'	6'	"	
	43-49'	6'	"	
	49-55'	6'	"	
	55-61'	6'	14.0%	
	61-67'	6'	None	
	67-73'	6'	"	
	73-79'	6'	"	
	79-85'	6'	7.8%	
	85-91'	6'	10.8%	
	91-97'	6'	18.0%	
	97-100'	3'	6.2%	
6*	0-12'	12'	39.0%	Dec. 24, 1953
	12-18'	6'	39.0%	
	18-24'	6'	31.0%	
	24-30'	6'	20.6%	
	30-33'	3'	18.1%	
	33-39'	6'	6.1%	No Visible Ore Particles
	39-45'	6'	4.8%	" " " "
	45-51'	6'	6.0%	" " " "
	51-57'	6'	30.5%	
	57-63'	6'	25.0%	
	63-69'	6'	12.2%	
	69-75'	6'	20.2%	
	75-81'	6'	18.4%	
	81-87'	6'	41.8%	
	87-93'	6'	16.2%	
	93-102'	9'	20.6%	

*Hole #6 was drilled in lose material, and casing was used the first thirty five feet. The hole was drilled over one hundred feet due to mineralized formation at this depth. However, drilling was impossible beyond this depth of one hundred two feet, because of caving.

dinner 2964

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

January 4, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of November 1953.

W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 15, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2964 (Iron), Contract Idm-E578, E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming. Operator's Monthly Progress Report for the period November 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Although located in Wyoming the field inspection work on this contract is handled by the Colorado office and copies of correspondence, etc. for Field Office use are to be sent to W. M. Traver.

Remarks:

Date of Report	December 4, 1953.
Date Received in Field Office	December 7, 1953.
Date Received in Region Office	December 14, 1953.

W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
December 9, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: IMEA 2964, Contract Idm-X578 (Iron) E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming -- Progress report for November 1953

Enclosed are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, progress map--and the original and six copies of M. H. Salsbury's memorandum covering inspection of progress and checking the reporting forms. The contract is unit cost on Short Form MF-200(A), and documentation is not required.

Salsbury confirms the churn drill footage of 274 feet in three holes, 525 feet of access road to drill sites, and eleven sample analyses reported in the operator's narrative and entered on the MF-104A forms. The hole locations and access road are shown on the progress map. Entries and extensions on the reporting forms are verified, and an adequate description of the work performed which is in accordance with the terms of the contract is included in the engineer's memorandum.

The operator includes a statement with the progress report regarding the location of mine workings on the Nightingale claim concerning which there was some question. Salsbury finds the survey confirms the operator's statement.

Payment is approved and certified on the MF-104 forms of $1,040.00, or 50 percent of the total $2,080.00 claimed by the contractor.

for W. M. Trever

enclosure

WMT/kp

cc 4
X578
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
December 7, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. H. Salsbury

Subject: RMEA 2964, Contract Idm-2578 (Iron) E. C. Schroeder Company, Inc. (Good Fortune group), Platte County, Wyoming -- Progress report for November 1953

Progress under the subject contract for November 1953 was inspected November 30-December 1, 1953, in company with Paul C. Schroeder and R. G. Landmacher, manager and superintendent, respectively, for the contractor.

At the time of the inspection, hole No. 4 was being drilled, and holes No. 1, 2, and 3 had been completed. The contractor claims payment for a total of 274 feet of churn drilling in the three holes completed, 585 feet of access roads, and eleven chemical analyses for iron. All work done was under Stage I, Phase "A", of the contract. These figures were verified by checking drill logs and laboratory records and by measuring the access roads.

The narrative report and map for November, submitted by the contractor, give length and location of completed holes and access roads, and results of analyses of certain samples for iron.

The amount of mineralization present in the material being penetrated is roughly determined in the field by visual inspection. If the iron content appears to be high enough to have significance, samples of the sludge are taken for each 5-foot or 3-foot interval and analyzed. The lower grade material is sampled at 6- to 8-foot intervals but is not analyzed, except as an occasional check. Portions of all samples, whether analyzed or not, were saved for the Region IV Field Team. Results to date do not show ore which could be shipped mine run or upgraded sufficiently by screening to make a commercial product. Schroeder, however, states that much of the

material drilled can be concentrated successfully in a heavy media plant which is being purchased for the operation.

A survey of the Nightingale group has been made, locating the old workings definitely, placing them well within the boundaries of the Nightingale claim. The first three holes to be drilled under Phase "B" of the contract will be located definitely in relation to these workings, and a map of the property, showing the drill locations, will be sent to the Region IV Field Team prior to actual drilling which probably will not be started before March 1954.

Monthly unit totals entered on forms MF-104 and MF-104A for November are correct.

All work was done in accordance with the terms of the contract.

Payment of $1,090.00, or 50 percent of the amount claimed in November 1953, $2,180.00, is approved.

M. H. Salsbury
M. H. Salsbury
Mining Engineer

MHS/kp

cc 6
2578
Chron

RECEIVED

Guernsey, Wyoming
December 4, 1958

Mr. W. M. Traver Jr., Chief
Mineral Resources Branch, Mining Division, Region IV
U. S. Bureau of Mines
Bldg 20, Room 137
Denver Federal Center
Denver 14, Colorado

Dear Sir:

Enclosed are forms MF104 and MF104A for November, 1958, and a map showing exploration accomplished under contract IBM E578 in November.

Three holes were drilled as follows at locations noted on map:

Hole No.	Depth (ft)
1	100
2	60
3	114
Total	274

None of these holes penetrated material which could be shipped without beneficiation. Sections of hole No. 1 and 3 showed ore which might be concentrated by heavy media processes.

Samples were taken every 2 or 3 feet in mineralized formations and every 6 or 8 feet in barren material. The mineralized sections were analyzed for iron content. Cuts of all samples were saved for the Field Team.

There were five hundred and twenty-five feet of access road built as shown on the map.

Attached is sheet showing the sample breakdown, and analysis of mineralized samples.

Yours truly,

E. C. SCHROEDER CO., INC.

R. C. Langmacher

R. C. Langmacher
Superintendent

RCL:ef

December 4, 1953

Sample Breakdown and Analysis of Footage Drilled November, 1953.

Hole No.	Depth	Sample Length	EE Analysis	Date
1	0-6'	6'	11.0%	Nov. 1, 1953
	6-12'	6'	10.0%	
	12-16'	4'	17.0%	
	16-18'	2'	17.0%	
	18-20'	2'	17.6%	
	20-23'	3'	9.4%	
	23-29'	6'	None	
	29-35'	6'	None	
	35-41'	6'	None	
	41-47'	6'	None	
	47-53'	6'	None	
	53-59'	6'	None	
	59-65'	6'	None	
	65-71'	6'	None	
	71-77'	6'	None	
	77-83'	6'	None	
	83-89'	6'	None	
	89-95'	6'	None	
	95-100'	5'	None	
2 *	0-6'	6'	9.6%	Nov. 13, 1953
	6-12'	6'	None	
	12-18'	6'	None	
	18-24'	6'	None	
	24-30'	6'	None	
	30-36'	6'	None	
	36-42'	6'	None	
	42-48'	6'	None	
	48-54'	6'	None	
	54-60'	6'	None	
3 **	0-8'	8'	None	Nov. 23, 1953
	8-11'	3'	16.0%	
	11-14'	3'	15.8%	
	14-17'	3'	17.0%	
	17-20'	3'	11.5%	
	20-26'	6'	None	
	26-32'	6'	None	
	32-38'	6'	None	
	38-44'	6'	None	
	44-50'	6'	None	
	50-56'	6'	None	
	56-62'	6'	None	
	62-68'	6'	None	
	68-74'	6'	None	
	74-80'	6'	None	
	80-86'	6'	None	
	86-92'	6'	None	
	92-101'	9'	None	
	101-104'	3'	8.2%	
	104-107'	3'	10.3%	
	107-114'	7'	None	

* Hole #2 was drilled only to a sixty foot depth because the shist formation had turned almost vertical and there was the indication of foot-wall.

**Hole #3 was drilled more than one hundred feet deep because it was penetrating mineralized formation at one hundred feet.

Guernsey, Wyoming
December 4, 1953

Mr. W. M. Traver Jr., Chief
Mineral Resources Branch, Mining Division, Region IV
U. S. Bureau of Mines
Bldg. 20, Room 137
Denver Federal Center
Denver 14, Colorado

Dear Sir:

Mr. Salsbury the Bureau of Mines inspector, brought to my attention a discrepancy in the location of the shaft and tunnel workings, located on the Nightengale Claim. Mr. Peter F. Anker, our surveyor at Guernsey, gives the location of the shaft and tunnel on the Nightengale Claim as follows:

From Corner No. 2 of the Nightengale Claim a distance of 462.7 feet bearing N 48 degrees 12' W to a point on the claim boundary line between Corner No. 2 and Corner No. 3, thence a distance of 332.0 feet bearing N 16 degrees 30' E to the excavations.

The Plat of U. S. Survey 196 also shows these workings in this same location.

Yours truly,

E. C. SCHROEDER CO., INC.

R. O. Langsacher
R. O. Langsacher
Superintendent

ROL: of

Form MF-114 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

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

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: 50 % Amount, $[illegible]

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	1044.00		[illegible]			
Bulldozing	[illegible]		[illegible]			
Crosscutting						
Drifting						
[illegible]	12.00		[illegible]			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	[illegible]		[illegible]	2180.00		2180.00

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

Date Dec. 7/53 *Payee E. C. [illegible] Co. Inc.

By [illegible] Title Supt.

*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:

$1090.00

Signature [illegible]
(Authorized Certifying Officer)

Date 12/16/53 Vou. No. DMA 54-59

(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. Idm-E178 in accordance with the terms of the contract.

Signature M. Salsbury #1090 Title Mining Engineer Date Dec. 7, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R. DB.

Signature W. H. King Title Executive Officer Date DEC 15 1953

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 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN - 7 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL DISTRIBUTED COSTS		[illegible]		[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		[illegible]		[illegible]				
Initial Rehabilitation and Repairs		[illegible]		[illegible]				
New Buildings, Improvements, etc.		[illegible]		[illegible]				
TOTAL COSTS		[illegible]		[illegible]				[illegible]

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. 4/53 Operator E. C. Schwab & Co.
Per [illegible] Title [illegible]

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 83-38475

406

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
SEP 17 1956

224 New Customhouse
Denver 2, Colorado

September 14, 1956

Memorandum

WSM

To: J. F. Shaw (2)

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2964 (Iron), Contract Idm-E578, Schroeder Mining Company (Good Fortune and Nightingale Mines), Platte County, Wyoming

We are returning herein the original and eight (8) copies of a Statement in Lieu of Semiannual Report for period January 1, 1956 through June 30, 1956.

The Administrator, in a letter dated April 25, 1956 to Mr. C. A. Thompson, Assistant Secretary-Treasurer, Schroeder Mining Company, Guernsey, Wyoming, stated the DMEA does not intend to issue a Certificate of Discovery or Development. Two copies of this letter was sent to you April 30, 1956.

Since the subject project was not certified, semiannual reports for this contract are not required.

W. M. TRAVER

W. M. Traver

Enclosure

MEM/vj

cc: Semiannual Report File E578
Sec. Opr. Comm. (2)
Marshall
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
MINERALS EXPLORATION CONVENTION
WASHINGTON, D.C.

RECEIVED
SEP 1 7 1955

407

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

RECEIVED
JUN - 1 1956

224 New Customhouse
Denver 2, Colorado

Date: May 29, 1956

WSM

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1 through December 31, 1955
DMEA Docket 2964 (Iron)
Contract Idm-E 578 Schroeder Mining Company (Good Fortune and Nightingale Groups), Platte County, Wyoming

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office and Memorandum 29.

NOTE - Semiannual Report on this contract unnecessary.

J. W. Townsend
W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures

WMT/vj

cc: Semiannual Report File E 578
J. F. Shaw (2)
E. N. Harshman
Chron.

Semi-Annual Report of Certified Projects

Reporting Period July 1, 1955 to December 31, 1955

Docket and Contract Number DMEA 2964, Contract Idu-2578

Operator Schroeder Mining Co.

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JUN - 1 1956

Commodity Iron

Mine Name Good Fortune and Nightingale groups

County and State Platte County, Wyoming

Date of Contract August 7, 1953

Date of Certification none

Expiration Date of Royalty Payments August 7, 1963

Date of Examination for this Report April 12, 1956

Total Amount of Contract $68,100.00

Total Expenditures under Contract $13,054.00

Amount of Government Participation at 50 % $6,527.00

Royalty Payments this Period None

Previous Royalty Payments $560.18

Total Royalty Payments to Date $560.18

% Loan Repayment Completed 8.58

Amount of Royalty Due none

Royalty Remarks The property has been shut down completely since Sept. 18, 1954.

Original Estimate of Reserves (from Final Engr.-Geol. Report): Indicated Ore: 200,000 long tons of +50% iron
Measured Ore: 8,000 long tons of ±50% iron in stockpiles

Increase of Reserves by work performed subsequent to expiration or termination of contract: None

Revised Estimate of Reserves: Same as original estimate.

Production this Period (Ore or Concentrates) none

Amount of Previous Production (since date of contract) 10,952.452 long tons of dry iron ore concentrates.

Total DMEA Production to date 10,952.46 dry, long tons of iron ore concentrates; estimated as approximately 22,000 tons raw crude ore.

% of Revised Reserves Mined 10%

Production Remarks: Ore was mined by open pit methods and trucked to a Heavy media concentrator.

Note: On Uranium projects check with AEC to assure that our records are in agreement with theirs.

Other Remarks: Mining of ore was discontinued on May 16, 1954 and was shut down on Sept. 18, 1954.

Signed C. M. Harrer (Engineer)
C. M. Harrer

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 15, 1956

WSM

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2964 (Iron) Contract No. Idm-E578, Schroeder Mining Company (Good Fortune and Nightingale Group) Platte County, Wyoming

Enclosed are two copies of a memorandum to T. A. Christensen, dated May 8, 1956, relative to final payment under the terms of the subject contract.

W. M. Traver

W. M. Traver

Enclosures

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MAY 17 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 8, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2964 (Iron) Contract No. Idm-E578, Schroeder Mining Company (Good Fortune and Nightingale Group) Platte County, Wyoming

Reference is made to our memorandum of October 10, 1955 whereby we forwarded the Operator's Form MF-104, Supplementary Report, for the month of July, 1954, and instructed you to withhold reimbursement to the Operator pending receipt of the Operator's final report, and release of the final audit or Report of Review by the Contract Administration and Audit Division.

The requirement that the Operator provide a final report was waived under the provisions of the Termination Agreement executed the 30th day of November, 1955.

We now recommend final payment to the Operator on the following basis which is in conformance with the Report of Review by the Contract Administration and Audit Division, dated February 6, 1956, which was released February 13, 1956:

RECEIVED
MAY 17 1956

BASIS FOR FINAL PAYMENT

Total accepted cost	$13,054.00
Government participation at 50 percent	$ 6,527.00
Total prior payments	6,449.00
	$78.00

78

5/9/56 DMA 56-107

Balance due the Operator under the terms of the contract----------$78.00

However, in lieu of reimbursing the Operator the amount of $78.00, please have a check prepared in favor of the Defense Minerals Exploration Administration in the amount of,---------- 70.11

as the balance of royalties due in conformance with the Report of Royalty Review by the Contract Administration and Audit Division dated April 23, 1956 which was released to this office May 8, 1956.

Therefore, the actual balance due the Operator after deducting the amount of royalty due is the amount of----------$ 7.89

Please have the check in favor of the Defense Minerals Exploration Administration forwarded to this office for later disposition.

W. M. TRAVER

W. M. Traver

JWT:jy

cc: Reg. III MF-104 File
Corresp. E578
Royalty File E578
Sec. Op. Comm. (2)
Shaw (2)
Townsend
Chron.

400

May 2, 1956

Memorandum

To: W. S. Martin, Chief, Iron & Ferroalloys Division, DMEA

From: Assistant Chief, Branch of Ferrous Metals & Ferroalloys

Subject: Docket DMEA 2964 - Iron
Schroeder Mining Company
Good Fortune and Nightingale Group
Platte County, Wyoming
Final Report, Contract No. Idm-E578

The exploration work did not develop enough iron ore in thoroughly exploring the deposit to prove a significant reserve. I concur with the Field Team that certification of discovery is not warranted.

Horace T. Reno

HTReno/jbr

Copy to: Ferrous Metals (2)
FILES

RECEIVED
MAY 3 - 1956

Mr. C. A. Thompson
Assistant Secretary-Treasurer
Schroeder Mining Company
Guernsey, Wyoming

Re: Docket No. DMEA 2964 - Iron
Good Fortune and Nightingale Mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. Thompson:

This is with reference to the subject exploration contract between you and the Government.

It is not our intention to issue a certification of discovery or development which would create a lien against the subject property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to the provisions of the contract which require the operator to keep and preserve certain records for the period indicated.

We regret that the exploration work performed did not result in a discovery or development. Your participation in the exploration program, however, is sincerely appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

TLChapman/fcc
4-23-56
cc to: Docket
Code 400
Admr. Read. File
Operating Comm.
FT. REG. III
Walter Lewis, USBM
Thor Kiilsgaard, USGS

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE .....

REFERRED TO:

1. .....
2. .....
3. .....
4. .....

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: See memorandum of Nov. 28, 1955
Net smelter value $37,558.00 for
10,952 tons. average value $3.43 per
ton. Royalty 1½ percent

Check (X) before the items needing attention.

Initials of sender.

GPO 16—63815-1

See page 11 of report

Smelter value:

$95,398.36

Allowable deductions:

NET VALUE $37,558

Basis for royalty

@ 1½%

= $560.18

Paid in Full

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

400

RECEIVED
APR 9 - 1956

24 New Customhouse
Denver 2, Colorado

March 30, 1956

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket DMEA 2964 (Iron) Contract No. IdM-8578, Schroeder Mining Company (Good Fortune and Nightingale Group), Platte County, Wyoming

Enclosed are the original and three copies of a final joint engineering and geologic report from D. R. Maclaren, Geologist, Geological Survey, and C. M. Harrer, Mining Engineer, Bureau of Mines, and memorandum in transmittal thereof dated March 27, 1956, from E. N. Harshman and John F. Shaw.

The contract was terminated prior to the completion of all the work authorized, by a Termination Agreement effective September 1, 1954, which was executed November 30, 1955.

Final payment to the Operator was processed by this office March 30, 1956, in conformance with the final Report of Review by the Contract Administration and Audit Division, dated February 6, 1956.

The exploration work completed consisted of 2,000 feet of access roads and 1,994 feet of churn drilling at a total accepted cost of $13,054.00, in which the Government participated to the extent of 50%, or an amount of $6,527.00.

The exploration work did not result in a discovery or development of significant reserves of iron ore. Therefore, no certification of such is recommended.

W. M. Traver
W. M. Traver

Enclosures

E. N. Harshman
E. N. Harshman

Reviewed by
DMEA OPERATING COMMITTEE
4-13-56
(date)

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APR 9 - 1956

DMEA
Date Rec'd.
MAR 30 1956
BUREAU OF MINES
Denver, Colorado

Region III

Building 20
Denver Federal Center
Denver 2, Colorado
March 27, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: E. N. Harshman
John F. Shaw

Subject: Final Examination Report, Docket DMEA 2964, Contract Idm-E578, Schneeder Mining Co., (Iron), Platte County, Wyoming

Enclosed are the original and 7 copies of the Joint Final Report by D. R. MacLaren, Geologist and G. M. Harrer, Mining Engineer covering the work done under Contract Idm-E578.

Contract Idm-E578 provided for churn drilling a total of 7,100 feet at an estimated cost of $48,100.00. Stage I of Phase A, which provided for churn drilling on the Good Fortune group of claims was completed with 15 churn drill holes totaling 1,762 feet. Stage I of Phase B which provided for churn drilling on the Nightingale group of claims was completed with 3 churn drill holes totalling 232 feet.

The contract was terminated by mutual consent on Sept. 1, 1954. The amount of Government participation was $6,777.00. The operator paid the Government $560.18 in royalties from ore mined during the life of the contract. The property is inactive at the present time.

It is concluded that the target areas on the Good Fortune and Nightingale group of claims have been thoroughly explored and no significant reserves of iron ore have been disclosed as a result of the exploration work.

E. N. Harshman
E. N. Harshman
Member Field Team

Scott W. Hagen Jr.
for John F. Shaw
Supv. Mining Engineer

Enclosures

cc 7
EHHarshman
DMEA 2964
Chron.

Reviewed by
DMEA OPERATING COMMITTEE
4-13-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

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APR 9 - 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY EXAMINING FIELD TEAM
REGION III

DMEA 2364, Exploration Assist Contract Idm-2572

SEDGWICK MINING COMPANY

Good Fortune and Nightingale Groups

Platte County, Wyoming

Iron

Final Joint Geologic and Engineering Report

By

. R. MacLaren, Geologist
eological Survey

C. M. Harrer, Mining Engineer
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
4-13-56
(date)

March 26, 1956

DM[redacted]2944, Exploration Contract Nu[redacted]78

SCHROEDER MINING COMPANY
GOOD FORTUNE AND NIGHTINGALE GROUPS
PLATTE COUNTY, WYOMING

CONTENTS

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Location, topography and physical features 2
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Property rights 4
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Expenditures under the contract 9
Efficiency of project operations 10
Description of discovery 10
Production from discovery 11
Conclusions and recommendations 11

ILLUSTRATIONS

Figure		Follows Page
1.	Location map, Schroeder Mining Co., Good Fortune and Nightingale groups, Platte County, Wyo.	11
2.	Claim and Exploration Map, Schroeder Mining Co., Good Fortune and Nightingale groups, Platte County, Wyo.	11
3.	Plan showing location of open cut pit, churn drill holes and ore zone, Good Fortune claim group, Schroeder Mining Co., Platte County, Wyo.	11
4.	Plan showing location of churn drill holes, Nightingale claim, Schroeder Mining Co., Platte County, Wyo.	11

DMEA 2964, Exploration Contract Idm-2578

RECEIVED
APR 9 - 1956

SCHROEDER MINING COMPANY
Good Fortune and Nightingale Groups
Platte County, Wyoming

Joint Geological and Engineering Final Report

By

D. R. MacLaren and C. M. Harrer

INTRODUCTION AND SUMMARY

Schroeder Mining Co. controls the Good Fortune and Nightingale groups of patented lode claims (figs. 1 and 2) under a 99-year lease arrangement with the owner W. M. Collins. The property is in sec. 1, T. 27 N., R. 66 W., and in secs. 4, 5, 7 and 8, in T. 27 N., R. 65 W., in the Hartville Mining District of Platte County, Wyoming. Altitudes on the property are between 4,800 and 5,000 feet above sea-level.

On August 7, 1953, exploration project contract Idm-2578 was activated between E. G. Schroeder Co., Inc. of MacGregor, Iowa and the Defense Minerals Exploration Administration, to explore the Good Fortune and Nightingale groups of claims for iron ore.

A multi-stage program of churn drilling on part of the property totalling 7,100 feet, at an overall cost of $48,100.00 was approved. The project was to be completed within one year.

On December 4, 1953, the E. G. Schroeder Co., Inc. assigned their property and the DMEA Exploration contract to Schroeder Mining Co. of 500 Wesley Temple Bldg., Minneapolis 3, Minn. This arrangement was approved by DMEA on January 28, 1953.

Drilling started on the property during November, 1953. Stage I drilling of Phase A, on the Good Fortune group of claims (fig. 2) was completed with 15 churn drill holes aggregating 1,762 feet, during May, 1954.

Stage I drilling of Phase B, on the Nightingale group of claims (fig. 2) was completed during July 1954 with three shaft drill holes, totalling 232 feet.

The contract was terminated by mutual consent on Sept. 1, 1954. Stage II on the Good Fortune group and Stages II and III on the Nightingale group of claims were not accomplished. By the date of termination, the total cost of the contract was $13,554.00 of which the Government's share was $6,777.00. Royalties paid the Government from ore mined during the life of the contract were $560.18.

Rocks of the area are steeply dipping quartzites, schists, and siliceous limestones of the Whalen group, Precambrian in age, overlain by the gently dipping Guernsey and Hartville formations of carboniferous age. These rocks are encircled by Arikaree formation (Miocene), while Pleistocene alluvium and terrace gravels fill erosional depressions. The main iron ore deposits are found as lenses in the schist of the Whalen group while small high grade localized deposits are found in a hematitic conglomerate at the base of the Guernsey formation and in an iron-stained shale at the base of the Hartville formation.

It is concluded that target areas on the Good Fortune and Nightingale claims groups have been conclusively explored, and that any reserve which might be calculated from the results of this program would be insignificant in size and low in grade.

It is recommended that no more Government funds be spent on these claims.

LOCATION, TOPOGRAPHY AND PHYSICAL FEATURES

Schroeder Mining Company has 43 patented lode claims under lease in T. 27 N., R's. 65-66 W., in the Hartville Mining District of Platte County, Wyoming (fig. 1). The claims are known as the Good Fortune and Nightingale

groups. The Good Fortune group which includes six claims pertinent to the contract (fig. 1 & 2) is in secs. 4, 5, 7 and 8, T. 27 N., R. 65 W. The Nightingale group which includes six claims pertinent to the contract, (fig. 1 & 2) is in secs. 6 and 7, T. 27 N., R. 65 W. and secs. 1 and 12, T. 28 N., R. 66 W. The property is 6 to 9 miles northeast of Guernsey by road and is readily accessible to the Chicago, Burlington and Quincy Railroad. The climate is semi-arid. Power is available in the vicinity of Guernsey, Wyo. The two groups of claims comprising the property are adjacent to the Sunrise iron mine of the Colorado Fuel and Iron Corp., which has produced over 25,000,000 tons of iron ore.

Altitudes on the property are between 4,800 and 5,000 feet above sea-level.

HISTORY AND PRODUCTION

The claims are part of a larger group located during 1887. Attention was directed to the properties as a potential source of iron ore during 1888. Iron ore was first produced from the Good Fortune group during 1897 and 1898 when approximately 30,000 tons of ore was shipped to the iron smelter at Pueblo, Colo.[1]

The Bureau of Mines investigated the Good Fortune property in June 1944.[2] The R. G. Schroeder Co. became interested in the property during 1952 and in 1953 made several shipments of iron ore to Birmingham, Ala. During 1953, a total of 9,540.330 dry, long tons of iron ore concentrates were produced with a smelter value of $89,949.10 and this was subject to DMEA royalty. During 1954, a total of 1,412.128 dry, long tons of iron ore concentrates were produced with a smelter value of $5,449.26, which was also subject to DMEA royalty. There has been no production from the Nightingale group of claims to date.

1/ Ball, S. H., Hartville Iron Ore Range, Wyo.; U.S. Geol. Survey Bulletin 315B, 1907, p. 193.

2/ Fray, Eugene, Hartville Iron Dist., Platte County, Wyo., Bur. of Mines Report of Investigation 4086, June 1947, 3 pp.

PROPERTY RIGHTS

E. C. Schroeder Co. of McGregor, Iowa has a 99 year lease on two large groups of patented lode claims (fig. 1) known as the Good Fortune and Nightingale groups. This lease dates from Dec. 22, 1952 and comprises 43 claims. Owner of the claims is W. H. Collins.

On August 7, 1953, E. C. Schroeder Co., signed an exploration project contract (DMa-2578) with the Defense Minerals Exploration Administration.

On December 4, 1953, E. C. Schroeder Co. assigned all his rights in 12 of the above-mentioned claims to the Schroeder Mining Co. of 500 Wesley Temple Bldg., Minneapolis 3, Minn., together with all his rights in the DMEA exploration project contract DMa-2578 thereon. The Government approved this assignment on Jan. 28, 1953, without releasing E. C. Schroeder Co. from any obligations of the subject contract.

E. C. Schroeder Co. and Schroeder Mining Co. guarantee the payment of royalties to the Government on all production from the following claims for a period of 10 years from the signing of the contract (8/7/53).

The Good Fortune Group (fig. 1)	U.S. Mineral Certificate	U.S. Mineral Survey	Location Sec.	R. T.
Good Fortune claim	140	194	7	65 W.,27 N.
Good Fortune Annex	140	194	7	65 W.,27 N.
Apex claim	140	194	7-8	65 W.,27 N.
Nine Mile claim	140	194	7-8	65 W.,27 N.
Beaver and Half claim	140	194	8	65 W.,27 N.
Cottonwood claim	140	194	8	65 W.,27 N.
The Nightingale Group (fig. 2)				
Nightingale claim	137	196	6	65 W.,27 N.
Origen claim	137	196	6	65 W.,27 N.
O.K. claim	137	196	6	65 W.,27 N.
Rustler claim	137	196	6-7	65 W.,27 N.
Columbia claim	137	196	6	65 W.,27 N.
			1	66 W.,27 N.
Black Cloud claim	137	196	6	65 W.,27 N.

This is in lieu [illegible] of a "consent to lien" agreement.

GEOLOGY

The rocks of the area are steeply dipping quartzites, schists, and siliceous limestones of the Whalen group (Precambrian) overlain by the gently dipping Guernsey and Hartville formations of Carboniferous age. These rocks are encircled by the Arikaree formation of Miocene age, while Pleistocene alluvium and terrace gravels fill erosional depressions.

The main iron ore deposits are found in the Whalen group as lenses in the schist, from which they appear to have been derived, on a footwall of impervious limestone. The hangingwall is ill-defined, usually being a zone 10 to 15 feet wide in which low grade hematite grades into fairly fresh schist. Localized deposits, some of excellent grade but too small to be of much economic importance, have been found in a hematitic conglomerate at the base of the Guernsey formation. At the base of the Hartville formation is an iron-stained shale on which lies the typical Hartville sandstone. Where the shale has been folded into gentle synclines, iron derived by solution from the sandstone has been redeposited forming blanket beds of low grade hematite.

On the Good Fortune and Blue Bird claims (fig. 2) an open cut about 800 feet long indicates that the main ore zone on those claims is a series of pod-shaped bodies up to 250 feet long and 75 feet wide. The ore consists of a high grade (60 percent or better) core of hard, bluish-black hematite flanked by zones of soft red hematite that decrease in iron content toward the walls. The ore zone, parallel to the foliation of the schist, strikes about N. 80 degrees W. and dips 70 degrees to 85 degrees N. In the open cuts the ore appears to plunge 20 degrees to 25 degrees towards the east, but drilling under the DMEA contract indicates that the apparent plunge is due to the pinching out of the ore body. The east end of the ore body has apparently been offset to the south a distance

of about 110 feet by a fault that strikes N. 10 degrees E. and dips 80 degrees E. The offset portion has been well delineated by churn drill holes Nos. 6 through 13. Of these holes only Nos. 6, 8 and 9 showed an iron content of more than 30 percent. When these three holes are plotted to scale in their proper relationship they show a band of ore averaging about 18 feet thick and about 170 feet long that strikes about N. 60 degrees W. and dips about 60 degrees NE. The average iron content of this band is 33.5 percent.

To test the continuity of the ore down the dip, churn drill holes Nos. 14, 15, and 16 were drilled north of the open-cut pit, in which the best ore was found. Hole No. 14 entered ore at a depth of 298 feet. The ore continued to the bottom of the hole at a depth of 331 feet. The average grade of this 33-foot zone is 33.5 percent iron. Holes Nos. 15 and 16, drilled to depths of 330 feet and 202 feet, respectively, found no material of ore grade. Hole No. 16 was drilled north of the Blue Bird claim and was not included for payment under the contract.

To explore the westward continuation of the ore zone, churn drill holes Nos. 1 through 5 were drilled. None of these holes encountered any material of ore grade, the best being a shallow zone, in hole No. 1, from 12 to 20 feet deep, having an iron content of 17.2 percent, and another in hole No. 3 from 8 to 20 feet deep, having an average iron content of only 15.0 percent.

On the Nightingale claim (fig. 4) only three churn drill holes were drilled. Of these, hole No. 1 penetrated an 18-foot zone, from 14 to 32 feet below the surface, having an average grade of 31.4 percent iron, while holes Nos. 3 and 4 (No. 2 was not drilled) did not encounter any material worth sampling.

Because all holes were churn drilled no lithologic logs were attempted. Sample logs are tabulated in the section describing the work completed under the contract.

WORK COMPLETED UNDER THE CONTRACT

DMEA contract 14m-2576 provided for a maximum of 7,100 feet of churn drilling, 5000feet of access road and 500 samples to be analyzed for iron content. The contract was a multi-stage program divided between the Good Fortune group as phase A and the Nightingale group of claims as phase B (fig. 2).

Stage I on the Good Fortune group of claims (phase A) was completed between Nov. 1953 and May 1954. During this time 15 churn drill holes totalling 1,762 feet; 1,000 feet of access road; and 86 churn drill sludge analyses for iron content were completed (fig. 2). There was no further exploration of the Good Fortune group under the contract.

Stage I on the Nightingale group of claims (phase B) was stopped by the operator during July 1954. During the month, 3 churn drill holes totalling 232 feet; 1,000 feet of access road; and 5 churn drill sludge analyses for iron were completed (fig. 2). Although 4 holes were authorized, there was no further exploration of the Nightingale group of claims under the contract.

Total work approved under the terms of the contract included 1,994 feet of churn drilling in 18 holes, 2,000 feet of access road construction and 91 iron assays from sludge samples. Hole No. 16 and 4 iron assays therefrom were disallowed as not conforming to the terms of the contract. This hole was drilled on the Blue Jay Fraction claim (fig. 2) which is not on property included in the contract.

The following is a compilation of data on holes drilled under the contract and includes data on hole 16, which was disallowed as not conforming to the terms of the contract:

Hole[3] No.	Collar Elev.	Depth feet	Claim location	Contract Identity	No. of samples	Iron Content	Contract Status
1	5057.6	100	Good Fortune	Phase A, Stage I	6	9-18%	Approved
2	5047.4	60	" "	" " " "	1	9.6%	"
3	5047.8	114	" "	" " " "	6	8-17%	"
4	5017.2	100	" "	" " " "	6	7-15%	"
5	4499.6	100	" "	" " " "	5	6-18%	"
6	4905.5	102	Apex	" " " "	16	5-42%	"
7	4834.3	34	Blue Bird	" " " "	0	0	"
8	4869.6	100	Blue Bird	" " " "	9	9-45%	"
9	4859.5	100	Apex	" " " "	5	16-35%	"
10	4802.3	95	Blue Bird	" " " "	0	0	"
11	4827.8	61	Apex	" " " "	0	0	"
12	4846.1	65	"	" " " "	3	5-6%	"
13	4944.0	70	"	" " " "	2	19-25%	"
14	4947.9	331	Blue Bird	" " " "	20	4-40%	"
15	4946.8	330	" "	" " " "	7	2-20%	"
16	4954.3	202	Blue Jay Fraction	" " " "	4	3-9%	Disallowed
Hole[4] No.							
1	4890.0	38	Nightingale	Phase B, Stage I	5	14-33%	Approved
2	4890.0	86	"	" " " "	None	None	"
3	4890.0	102	"	" " " "	"	"	"

More specific data on the iron analyses of sludge samples from the respective holes is tabulated as follows:

Hole No.	Sample depth in feet	Percent iron (Fe)	Hole No.	Sample depth in feet	Percent iron (Fe)
Good Fortune group			Good Fortune gr.		
1	0-6	11.0	5	55-61	14.0
	6-12	10.0		79-85	7.8
	12-16	17.0		85-91	10.8
	16-18	17.0		91-97	18.0
	18-20	17.6		97-100	6.2
	20-23	9.4	6	0-12	39.0
2	0-6	9.6		12-18	39.0
3	8-11	16.0		18-24	31.0
	11-14	15.8		24-30	20.6
	14-17	17.0		30-33	18.1
	17-20	11.5		33-39	6.1
	101-104	8.2		39-45	4.8
	104-107	10.3		45-51	6.0
4	0-6	7.6		51-57	20.5
	8-11	7.0		57-63	25.0
	11-14	7.4		63-69	12.2
	14-17	9.4		69-75	20.2
	17-20	14.7		75-81	18.4
	26-29	11.8		81-87	41.8

3/ These holes are designated on fig. 2, by a circle and a central dot.
4/ These holes are designated on fig. 2 by a triangle and central dot.

Hole No.	Sample depth in feet	Percent iron (Fe)
Good Fortune group		
6	87-93	16.2
	93-102	20.6
7	None	None
8	54-60	13.0
	60-63	13.8
	63-66	9.0
	66-72	14.4
	72-75	36.0
	78-81	42.0
	81-84	45.0
	84-87	29.2
	87-90	17.8
9	66-69	26.1
	69-72	35.0
	72-75	34.8
	75-78	24.2
	78-81	16.2
10	None	None
11	"	"
12	6-9	5.0
	9-12	5.2
	12-15	6.2
13	0-6	19.0
	6-12	25.2
14	36-42	4.3
	72-78	7.9
	96-102	12.6
	126-132	4.0
	144-150	7.2
	156-162	6.0
	180-186	9.6

Hole No.	Sample depth in feet	Percent iron (Fe)	
Good Fortune group			
14	198-204	8.2	
	216-222	3.6	
	276-280	18.4	
	298-303	27.8	
	303-306	40.0	
	306-309	30.8	
	309-311	36.2	
	311-314	39.0	
	314-317	37.0	
	317-320	39.2	
	320-323	33.2	
	323-326	35.5	
	326-331	26.0	
15	48-54	6.8	
	96-102	19.6	
	150-156	16.1	
	198-204	2.0	
	246-252	5.0	
	294-300	5.5	
	318-324	5.4	
16	48-54	3.4	Disallowed under the contract.
	96-102	6.6	
	144-150	9.3	
	198-202	4.8	
Nightingale Group			
1	8-14	18.4	
2	14-20	32.4	
	20-26	29.2	
	26-32	32.6	
	32-38	14.2	
3	None	None	
4	"	"	

EXPENDITURES UNDER THE CONTRACT

Exploration under the contract (fig . 2) was for the period November 1953 through July 1954. Exploration of the Good Fortune group of claims, known as phase A of the contract was completed at the end of May 1954. Exploration of the Nightingale group was completed during July 1954. This work is designated as phase B under the contract.

Total expenditures approved total $13,554.00 and Government participation of 50 percent is $6,777.00. Costs of exploration are distributed as follows:

Items	Contract designation	Located on Claims	Cost	Unit Cost
15-churn drill holes aggregating 1762 ft.	Phase A, Stage I	Good Fortune, Apex, and Blue Bird	$10,572.00	$6.00
1,000 ft. of access road construction	" "	" " "	1,000.00	1.00
85 analyses of churn drill sludges for iron	" "	" " "	85.00	1.00
3-churn drill holes aggregating 232 feet	Phase B, Stage I	Nightingale	1,392.00	6.00
1,000 ft. of access road construction	" "	"	1,000.00	1.00
5 analyses of churn drill sludges for iron	" "	"	5.00	1.00
Total			$14,054.00	
Less deduction for failure to submit a final report			- 500.00	
Total cost of exploration as approved by audit review (T.H.Brading 2/6/56).			$13,554.00	

Iron ore produced during 1953-54 was subject to $560.18 in DMEA royalties. There was no production in 1955. The Government's participating share in exploration costs is reduced by this amount to a remainder of $6,216.82.

EFFICIENCY OF PROJECT OPERATIONS

Exploration drilling was integrated with iron ore production. The engineer writer never visited the operation during the life of the contract and is therefore not familiar with work conditions. Judging from meager information in the monthly reports, the operation was conducted efficiently.

DESCRIPTION OF DISCOVERY

No certificate of discovery has been issued on the property and none is recommended. However, all rights of Government provided for in the contract with respect to a certification of discovery or development and a percentage royalty and lien for its payment are preserved.

PRODUCTION FROM DISCOVERY

A total of 9,540.330 dry long tons of iron ore concentrates were produced during 1953. The ore had a smelter value of $89,949.10. Production was from an existing open pit on the Good Fortune group of claims and was subject to DMEA royalty. During 1954, iron ore concentrates subject to DMEA royalty totalled 1,412.122 dry, long tons. This production was also from the Good Fortune group of claims. The smelter value of the concentrates was $5,449.26. There has been no production from the Nightingale group of claims.

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that the target areas on the Good Fortune and Nightingale claim groups have been conclusively explored and that any reserve which might be calculated from the results of this program would be insignificant in size and low in grade.

It is recommended that no more Government funds be spent on these claims.

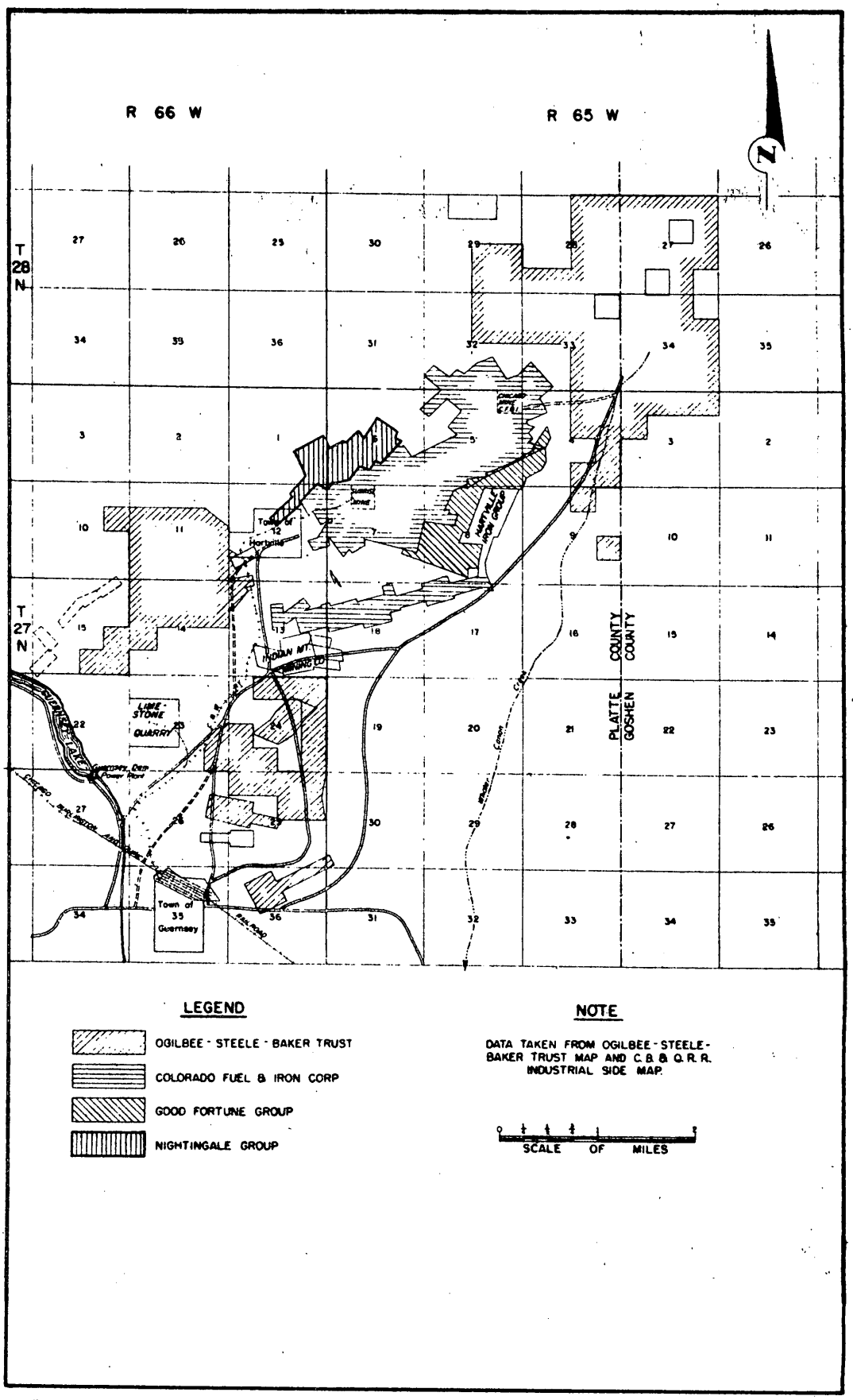

FIGURE 1 - LOCATION MAP, SCHROEDER MINING CO., GOOD FORTUNE AND NIGHTINGALE GROUPS, PLATTE COUNTY, WYO.
DMEA 2964, CONTRACT Idm-E578

2/14/56

Re: DMEA 2964 - E. C. Schroeder

We have mutual termination signed 11/30/55; now audit received 2/14/56. Shall we require an Operator's final report and a Field Team final report, or is all the data Field Team has written us re certification possibilities sufficient so you plan to waive FT final? At any rate I've put a follow-up on this to try to close out the docket.

This is the one where we ~~took~~ 1s $500.00 in lieu of final report - The audit report is now being reviewed Go slow on sending out any follow ups till we see better

JAN 17 1956

460

TELETYPE

Mr. W. N. Traver, Executive Officer
DMEA Field Team, Region III
224 New Custom House
Denver, Colorado

Reurtwx January 10 and Operator's letter to you of January 6, Contract Ion-[illegible], Docket [illegible]-2964, Schroeder Mining Company. After determining correct amount to be withheld for other items, please request Operator to sign and return termination agreement, in which $500 is withheld in lieu of rendering final report.

George C. Selfridge

Chairman, Operating Committee

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
W. E. Lewis, USBM
FT, Reg. 3-confirmation

TLChapman/WSMartin/ls
1/16/56

400

RECEIVED

JAN 12 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

January 10, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2964 (Iron) Contract Idm-E578
Schroeder Mining Company, Platte County, Wyoming

WBM

In conjunction with the Termination Agreement forwarded by your letter of December 1, 1955, which we forwarded on to the Operator December 7, 1955, we are enclosing original and three copies of the Operator's letter of January 6, 1956.

The Operator indicates in the last paragraph of the letter that they will agree to the termination of the contract by mutual agreement with the understanding that the Government may deduct the sum of $500.00 from monies due them in lieu of making and rendering a final report required under the contract. The Operator is incorrect in the statement in the second paragraph of the letter of January 6, as this office has withheld from payment to the Operator amounts as follows:

Withheld from the Operator's report for the period of June and July, 1954 - - - - - - -	$500.00
Withheld from the Operator's supplemental progress report for July, 1954, dated October 21, 1954 - - - -	78.00
Total Government Contribution Withheld - - - -	$578.00

If it is legally possible to waive the Operator's final report and in lieu thereof to accept the $500.00 offered by the Operator, we recommend that it be done, as it is doubtful that the Operator's report would contribute anything of value not provided in the report of the examining engineer and geologist.

W. M. TRAVER,

Enc.

W. M. Traver

SCHROEDER MINING CO

P.O. BOX 487
CHATFIELD, MINNESOTA

RECEIVED
JAN 12 1956

DMEA
Date Rec'd
JAN 10 1956
BUREAU OF MINES
Denver, Colorado

January 6, 1956

Mr. E. N. Harshman
Acting Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver, 2, Colorado,

Re: DMEA 2964, Contract
Idm-E578 - Iron

Dear Mr. Harshman:

Referring to your letter of December 7, 1955, in which you enclosed copies of a Termination Agreement prepared in Washington and signed by the Administrator, DMEA, whereby the contract would be terminated by mutual agreement.

Our records show claims of $568.00 and $156.00 which were held up pending release of Final Audit or Report of Review or mutual termination of the above contract.

We agree to termination of the contract by mutual agreement with the understanding that the Government may deduct the sum of $500.00 from any monies due us in lieu of making and rendering the final report and final account required under the contract.

Very truly yours,

SCHROEDER MINING COMPANY

By G. A. Thompson
Asst. Secy. Treas.

CT/1

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 28, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket DMEA 2541 (Iron) Contract Ida-8576
Schroeder Mining Company, Platte County, Wyoming

Reference is made to your letter of December 1, 1955, in the last paragraph of which you request that we advise you as to whether this office agrees that the target has been effectively disproved.

The joint memorandum from D. L. Emerson and H. M. Salsbury dated October 4, 1955, which was forwarded by our memorandum of October 7, 1955, outlines the results of the drilling performed in the most favorable areas. This office agrees that the "target" has been effectively disproved by the drilling performed.

By J. W. Townsend
J. W. Townsend
Acting Executive Officer
DMEA Field Team, Region III

Division copy

EXPLORATION PROJECT CONTRACT
SCHROEDER MINING CO.
DOCKET NO. DMEA-2964

AMENDMENT NO. 4

It is agreed this 8th day of September, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Schroeder Mining Co., that Exploration Project Contract Idm-E578 (Docket No. DMEA-2964), dated August 7, 1953, as amended, is further amended, effective August 7, 1953, as follows:

The following patented mining claims are added to the land referred to in Article 2 of the Contract:

Good Fortune group (Mineral Certificate 140) surveyed under U. S. Survey 194:

Blue Jay Fraction
Golden Rule
Juneau
Valley

Nightingale group (Mineral Certificate 137) surveyed under U. S. Survey 196:

Hoosier
Crown
Nollie Gibson

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C. D. Mitchendon
Administrator, Defense Minerals
Exploration Administration

SCHROEDER MINING CO.

By _____

12/21/55
Rec'd
unsigned.

Burton
Rutledge
Martin
Talbot

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC 12 1955

224 New Customhouse
Denver 2, Colorado

December 7, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 2964 (Iron), Contract IdM-2378, Schroeder Mining Company, Good Fortune and Nightingale mines, Platte County, Wyoming

Enclosed are the original and five copies of Amendment No. 4 to Contract IdM-2378, which was forwarded by your letter of September 9, 1954, for signature by the Operator.

In your letter of September 9, 1954, you instructed us that before the execution of the Amendment it would be necessary for the Operator to furnish copies of an assignment from the Schroeder Mining Company, Inc. to the Schroeder Mining Company of the leases covering the claims involved in the Amendment.

As the assignment requested was never furnished by the Operator, and as the Amendment has been signed by the Administrator, DMEA, for the Government, and, further, because the contract is to be terminated as per the Termination Agreement forwarded by your letter of December 1, 1955, we are returning all copies of the Amendment to you for your disposition.

E. W. Barshman

E. W. Barshman

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC 12 1955
400

224 New Customhouse
Denver 2, Colorado

CERTIFIED MAIL

December 7, 1955

WSM

Mr. C. A. Thompson
Assistant Secretary-Treasurer
Schroeder Mining Company
Guernsey, Wyoming

Re: DMEA Docket 2964 (Iron)
Contract Idm-E578

Dear Mr. Thompson:

Enclosed are the Governments, Division, Docket, Finance Office and Field Team copies of a Termination Agreement which was prepared in Washington and has been signed by the Administrator, DMEA for the Government to effect termination of Contract Idm-E578 by mutual agreement. If the Termination Agreement is satisfactory to your company, all copies are to be signed by an authorized official of the company and returned to this office. Upon receipt of the properly executed copies of the Termination Agreement, the "Operator's Copy" will be forwarded to you.

Very truly yours,

E. N. Harshman

E. N. Harshman
Acting Executive Officer, DMEA
Field Team, Region III

Enclosures
JWT:jy
cc: Chair. Opr. Comm. (2)
Harshman
Shaw
Townsend
Corresp. File E578
Chron.

Government's copy

EXPLORATION PROJECT CONTRACT
SCHROEDER MINING CO.
DOCKET NO. DMEA-2964

AMENDMENT NO. 3

It is agreed this 8th day of September, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Schroeder Mining Co., that Exploration Project Contract Idm-E578 (Docket No. DMEA-2964), dated August 7, 1953, as amended, is further amended, effective August 7, 1953, as follows:

The following patented mining claims are added to the land referred to in Article 2 of the Contract:

Good Fortune group (Mineral Certificate 140) surveyed under U. S. Survey 194:

Blue Jay Fraction
Golden Rule
Juneau
Valley

Nightingale group (Mineral Certificate 137) surveyed under U. S. Survey 196:

Hoosier
Crown
Mollie Gibson

Executed in sextuplicate the day and year first above written.

Corrected

THE UNITED STATES OF AMERICA

By O. Meadors
Administrator, Defense Minerals Exploration Administration

SCHROEDER MINING CO.

By _____

_____

DEC - 1 1955

Mr. W. M. Trever, Executive Officer
DMEA Field Team, Region III
224 New Custom House Building
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Company
Good Fortune & Nightingale Mines
Platte County, Wyoming
Contract No. Idm-2578

Dear Mr. Trever:

Enclosed are the original and five copies of a "Termination Agreement" for the referenced project, signed by the Administrator for the Government.

If the proposed agreement is agreeable to you and the Operator, please have all six copies signed and make the usual distribution.

If any part of the proposed "Termination Agreement" does not have your approval or that of the Operator, the original and all copies are to be returned to this office, together with the proposed changes for consideration.

While the "Termination Agreement" preserves all rights of certification, it is not our present intention to issue a certification of discovery or development.

Judging by M. H. Salsbury's report to you of March 3, 1954, the only mineralization of any interest was found in Hole No. 6; and Holes Nos. 12 and 13, drilled to explore a possible extension of this same mineralization, entered barren limestone a few feet below the surface. Please advise us whether you agree that the "target" has been effectively disproved.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

APPROVED:

/s/ Robert W. Geehan
Member, Bureau of Mines

/s/ N. E. Nelson
Member, Geological Survey

cc to: Mr. Lewis, USBM
T. Killsgaard, USGS

cc to: Adm. Read. File
Operating Comm.
Ft. REG. III

TLCHAPMAN:fcc
9-15-55
cc to: Docket
Data 400

400

November 28, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Termination of Contract
Docket No. DMEA 2964, Iron
E. C. Schroeder Co., Inc.
(Assigned to: Schroeder Mining Co.)
Good Fortune and Nightingale groups of claims
Platte County, Wyoming
Contract No. Idm-E578

Termination of the subject contract is recommended by this Division based on the following information:

Operator: Schroeder Mining Co., assignee from E. C. Schroeder Co., Inc., McGregor, Iowa.

Contract: Dated August 7, 1953.

To explore for iron ore, churn drill approximately 40 churn drill holes to a maximum of 7,100 feet at an estimated cost of $48,100.00, with Government participation at 50 percent - $24,050.00. A maximum of 5,000 feet of access roads to be bulldozed to drill sites. Three amendments were written to change location of drill holes and time was extended from 12 months to 16 months.

Expiration date, December 7, 1954.

Ownership: The Operator controls by a lease dated December 26, 1952, from the owner, W. H. Collins, the following 12 patented lode mining claims, located in sections 4, 5, 7, and 8, T. 27 N., R. 65 W.:

Nightingale Group, U. S. Survey 196, Certificate 137 - Nightingale, Origan, O. K., Rustler, Columbia, and Black Cloud.

Good Fortune Group, U. S. Survey 194, Certificate 140 - Good Fortune, Good Fortune Annex, Appex, Denver and Gulf, Blue Bird, and Cottonwood.

Work Accomplished:

There were 18 holes drilled to a total depth of 1,994 feet, 2,000 feet of access road constructed, and 90 samples assayed for iron, at a cost of $14,054.00, Government participation at 50 percent, $7,027.00.

Eight holes were barren, 5 holes showed a limited tonnage of marginal ore, and 5 holes showed ore that might be beneficiated, but mining costs would be excessive because of depth of ore and small isolated bodies.

A memorandum dated October 4, 1955, by D. L. MacLaren Geological Survey, and M. H. Salsbury, Bureau of Mines, advises as follows:

" . . . hole No. 6 drilled east of the open pit on the Good Fortune group from 0 to 24 feet penetrated a zone of material having an average grade of 37.0 percent iron, and from 81 to 87 feet penetrated another zone having an average grade of 41.8 percent iron. None of the other samples taken from this hole assayed higher than 20.6 percent iron, while the average for the entire 102 feet of depth of the hole is only 11.1 percent iron. Hole No. 14 drilled north of the open pit penetrated a zone that, from a depth of 298 feet to the bottom of the hole at a depth of 331 feet, ranges in grade from 26 percent to 40 percent iron and has an average grade of 33.5 percent iron. Hole No. 8 penetrated a 12-foot zone, from 72 to 84 feet, having an average grade of 39.7 percent iron, and hole No. 9 penetrated a 6-foot zone with an average grade of 34.9 percent iron. Three holes were drilled on the Nightingale claim. Hole No. 1 penetrated on 18-foot zone, from 14 to 32 feet below the surface, having an average grade of 31.4 percent. All other holes drilled on both claims groups indicated material containing less significant amount of iron.

"Considering the large quantities of ore which must be present to make an iron deposit profitable, any reserve which might be calculated from DMEA drilling results would be insignificant. Moreover the average grade of the mined ore was about 30 percent. The operator was planning to upgrade this ore to about 55 percent in a sink and float plant in which they were treating open pit and dump ore last year. They stated that this ore could be sold profitably because it was a premium grade which supplemented ore they were producing in their Alabama operation. However, it is understood that they sold their Alabama interests and the Wyoming operation could not be operated profitably alone."

"The exploration has not resulted in the discovery of a significant amount of iron ore. It is, therefore, recommended that the project be terminated without a certification of discovery."

The commodity divisions of the Geological Survey and the Bureau of Mines concur in the termination without certification of discovery.

Comments: This Division concurs with the Field Team and believes that there is smallprobability of making a significant discovery of iron ore by future work at the project site.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

TLChapman/ls
11/28/55

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File

400

COPY

Teletype

DN 235 BUR MINES 10-12-55 2-20

G. C. SELFRIDGE, CHAIRMAN, OPERATING COMMITTEE, DMEA WSM

RE SCHROEDER MINING COMPANY, DOCKET DMEA 2964. JOINT MEMORANDUM BY SALSBURY AND MACLAREN RECOMMENDING TERMINATION WITHOUT CERTIFICATE OF DISCOVERY WITH MEMORANDUM OF TRANSMITTAL AND CONCURRENCE BY W M. TRAVER MAILED TO YOUR OFFICE OCTOBER 10.

J. W. TOWNSEND FOR W M TRAVER

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
OCT 12 1955

224 New Customhouse
Denver 2, Colorado

October 7, 1955

Copy [illegible] 400

Memorandum

To: Chairman of the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2964 (Iron), Contract Idm-2578, Schroeder Mining Company (Good Fortune and Nightingale Group), Platte County, Wyoming.

Enclosed please find three copies of a joint memorandum, dated October 4, 1955, prepared by the inspecting engineer and geologist with initialed approval by E. W. Herrmann, Member, Field Team, Region III, and J. F. Shaw, Supervising Engineer. This memorandum was prepared in conformance with your teletype dated September 20, 1955, whereby you requested additional information relative to possible certification on completed project work and if any worthwhile target remains.

Work completed under the contract consisted of 1,194 feet of churn drilling completed in 18 holes. Eight of these holes encountered essentially barren ground. Five of the holes encountered very low-grade submarginal iron. The remaining five holes encountered mineralization which also must be considered submarginal due to thinness, depth, or lack of continuity between holes. Because the program was initiated to explore the most favorable areas, the chances of finding a worthwhile deposit by future work becomes considerably less.

Relative to any producing deposit, no reserves of consequence can be calculated and Certification of Discovery or Development is not recommended.

The Operator has paid $560.18 in royalty to the Government on 10,958.46 long tons of iron ore produced from land subordinated in the contract. This ore was produced from existing known deposits, 78 percent produced prior to the start of contract work.

W. M. Traver

W. M. Traver

Enclosures
WMTapri
cc: Herrmann
Shaw (2)
[redacted]
Corres. File
Chron.

DMEA
Info Rec'd
BUREAU OF MINES
Denver Station

Building 20
Denver Federal Center
Denver 2, Colorado

October 4, 1955

RECEIVED
OCT 12 1955

Region III

Memorandum

To: W. M. Traver, Executive Officer

Through: E. N. Harshman, Member Field Team E.N.H.
John F. Shaw, Supervising Mining Engineer JFS

From: D. L. MacLaren
M. H. Salisbury

Subject: DMEA 2964 Contract Idm-E578 (Iron) Schroeder Mining Company (Good Fortune and Nightingale group) Platte County, Wyoming-Recommendations on Certification of Discovery.

In reference to the teletype on the subject project from the chairman of the Operating Committee to the Executive Officer Region III dated September 20, 1955, hole No. 6 drilled east of the open pit on the Good Fortune group from 0 to 24 feet penetrated a zone of material having an average grade of 37.0 percent iron, and from 81 to 87 feet penetrated another zone having an average grade of 41.8 percent iron. None of the other samples taken from this hole assayed higher than 20.6 percent iron, which the average for the entire 102 feet of depth of the hole is only 11.1 percent iron. Hole No. 14 drilled north of the open pit penetrated a zone that, from a depth of 298 feet to the bottom of the hole at a depth of 331 feet, ranges in grade from 26 percent to 40 percent iron and has an average grade of 33.5 percent iron. Hole No. 8 penetrated a 12-foot zone, from 72 to 84 feet, having an average grade of 39.7 percent iron, and hole No. 9 penetrated a 6-foot zone with an average grade of 34.9 percent iron. Three holes were drilled on the Nightingale claim. Hole No. 1 penetrated an 18-foot zone, from 14 to 32 feet below the surface, having an average grade of 31.4 percent. All other holes drilled on both claims groups indicated material containing less significant amount of iron.

Considering the large quantities of ore which must be present to make an iron deposit profitable, any reserve which might be calculated from DMEA drilling results would be insignificant. Moreover the average grade of the mined ore was about 30 percent. The operator was planning to upgrade this ore to about 55 percent in a sink and float plant in which they were treating open pit and dump ore last year. They stated that this ore could be sold profitably because it was a premium grade which supplemented ore they were producing in their Alabama operation. However, it is understood that they sold their Alabama interests and the Wyoming operation could not be operated profitably alone.

The exploration has not resulted in the discovery of a significant amount of iron ore. It is, therefore, recommended that the project be terminated without a certification of Discovery.

D R MacLaren
D. R. MacLaren, Geologist

for J. R. Salsbury
J. R. Salsbury, Mining Engineer

MHS: vt

cc: 9
R.N.Harshman
B576
Chron.

C O P Y

TELETYPE

October 12, 1955

To: G. C. Selfridge, Chairman, Operating Committee, DMEA

VSM

Subject:

Re Schroeder Mining Company, Docket DMEA 2964. Joint memorandum by Salsbury and MacLaren recommending termination without certificate of discovery with memorandum of transmittal and concurrence by W. M. Traver mailed to your office October 10.

J. W. Townsend for
W. M. Traver

Confirmation

402

Interior Department
Defense Minerals Expl. Administration
14X4401(01) Revolving Fund
Defense Production Act, Interior
(Allocated Working Fund to the
Office of the Secretary)

OCT 12 1955

TELETYPE

W. N. Traver, Executive Officer
DMEA Field Team, Region 3
224 New Custom House
Denver 2, Colorado

Re Schroeder Mining Company, Docket DMEA 2964. Please advise when we may expect reply ourtt September 20.

George C. Selfridge

Chairman, Operating Committee

CC: Docket
Adm. Read. File
Oper. Comm.
Code 400
Thor Kiilsgaard, USGS
Walter E. Lewis, Rm. 3517, USBM
FT, Reg. 3 - confirmation

WSMartin/ls
10/10/55

400

Defense Minerals Exploration
Administration
Dept. of the Interior
14X4401(01) Revolving Fund, Defense
Production Act, Interior
(Allocated Working Fund to the
Office of the Secretary)

T E L E T Y P E

2964

Mr. W. M. Traver, Executive Officer
DMEA Field Team, Region 3
224 New Custom House
Denver 2, Colorado

Reference is made to Schroeder Mining Company, Docket DMEA-2964, and M. H. Salsbury's report of March 3, 1954, which states the only mineralization of interest was found in Hole No. 6; and Holes Nos. 12 and 13, drilled to explore possible extension of same mineralization, entered barren limestone close to surface. Please advise if you believe certification is justified and if any worthwhile target remains.

George C. Selfridge
Chairman, Operating Committee

cc: Docket
FT, Reg. 3 -confirmation
Code 400
Oper. Comm.
Adm. Read. File
Thor Kiilsgaard, USGS
Walter E. Lewis, Rm 3517, USBM

TLChapman/ls
9/19/55

400

Confidential 100

September 9, 1955

Memorandum

WSM

To: W. S. Martin, Chief, Iron and Ferroalloys Division, DMEA

From: Commodity Industry Analyst, Branch of Ferrous Metals and Ferroalloys

Subject: Termination Agreement
Docket No. DMEA 2964
Schroder Mining Company
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

The Executive Office, DMEA, Region III has recommended by a memorandum dated August 8, 1955, that the subject contract be terminated. The memorandum lists four reasons as to why the contract should be terminated. I am in agreement with the reasons for termination.

I approve the Termination Agreement as written and have surnamed two copies indicating my approval.

Sgd

Walter E. Lewis

August 26, 1955

MEMORANDUM

To: Acting Assistant Solicitor, Defense Minerals

From: Iron and Ferro-Alloys Division, DMEA

Subject: Termination without final report
Docket No. DMEA 2964 - Iron
Schroeder Mining Company
Good Fortune and Nightingale Mine
Platte County, Wyoming
Contract No. Idm-E578

It will be appreciated if you will review the referenced docket and write a termination agreement to cover same.

Many attempts have been made to obtain a final report from the operator, but they continue to ignore our requests. $578.00 has been withheld from payments due. It is suggested that we withhold $500.00 in lieu of final report.

Thos. L. Chapman, Actg. Chief
Iron and Ferro-Alloys Division

TLChapman:foc
8-26-55
cc to: Docket
Code 400
Adm. Read. File

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

400

224 New Customhouse
Denver, Colorado

August 8, 1955

Memorandum

RECEIVED
AUG 11 1955

To: Chairman of the Operating Committee, DMEA

From: Executive Officer, DMEA, Region III

Subject: Docket DMEA 2964 (Iron), Contract Idm-E578, Schroeder Mining Company (Good Fortune and Nightingale Mine), Platte County, Wyoming

Project work ceased under Contract Idm-E578 in July 1954. Much correspondence has passed between our office, your office and the Operator in an attempt to assist him, learn of his plans and to remind him of certain contract provisions. This contract has never been officially terminated and we believe your office should initiate action to do so at once. To assist you in quickly reviewing past correspondence relative to this recommendation we outline the following:

9-9-54: Letter from Chairman to Executive Officer, Region III, forwarding Amendment No. 3 for signature of Operator. This amendment provided for the addition of seven mining claims to Article 2 of the contract. Your instructions were to have the Operator furnish the necessary assignment of these claims, as in the original Assignment of Contract, before execution of the amendment.

9-16-54: Letter from Executive Officer, Region III, to Operator notifying them of the amendment and requesting the assignment. (No reply.)

10-21-54: Letter from Executive Officer, Region III, to Operator again requesting the assignment with the reminder of the contract expiration date. (No reply.)

12-7-54: Memorandum from Executive Officer, Region III, to the Chairman suggesting that Washington write the Operator for information regarding the assignment, and to learn of the Operator's plans for continuing work under the contract.

12-8-54: Letter from Chairman to Executive Officer, Region III, asking what the status of royalty payments were, questioning the reason why the amendment was still in the field, and asking that this office expedite the completion or closing out of the contract.

12-13-54: Memorandum from Executive Officer, Region III, to Chairman with same information as in our letter of December 7, 1954.

12-17-54: Administrator's letter to Operator requesting the same information. (No reply.)

12-21-54: Washington's letter to M. M. Cooney requesting the same information.

1-25-55: Letter from M. M. Cooney to Washington explaining that the original contract holder or assignor had died. He also stated that the "operation has been shut down for some time due to the company's inability to sell the ore at a profit...."

1-31-55 and 2-11-55: Washington's Letters to Cooney acknowledging letters from Cooney which stated that the Operator's auditor from Guernsey, Wyoming would contact Region III and supply requested information.

4-20-55: Memorandum from Executive Officer, Region III, to the Chairman informing him that Region III had not heard from the Operator's auditor.

4-29-55: Letter from Washington to Cooney with same information.

4-26-55: Letter to Executive Officer, Region III, from G. A. Thompson, Assistant Secretary-Treasurer, with Operator's check for all of royalty payments due the Government.

4-26-55: Letter from Thompson to fiscal office, Region III, requesting release of $500.00 withheld from June and July 1954 progress report pending receipt of Operator's final report.

4-29-55: Letter from Executive Officer, Region III, to Thompson explaining why $500.00 was withheld and requesting their final report. We are actually withholding $578.00; the additional $78.00 was claimed in a supplemental progress report dated October 21, 1954.

6-1-55: Letter from Executive Officer, Region III, to Thompson again requesting the Operator's final report and account.

Although we have asked the Operator for a final report and accounting, the contract has never been officially terminated. We will continue to withhold the $578.00 until the Operator's final report is received, but believe that the contract should be officially terminated for the following reasons:

1) The original contract holder or assignor is deceased, and to incorporate the seven additional claims in the contract with an assignment may now involve considerable legal difficulties.

2) The completion period of the contract expired on December 7, 1954 and the Operator has not shown any interest in an extension.

3) Cooney reports that the Operator has not been able to sell any ore at a profit for some time, so we assume that he no longer is interested in continuing the project.

4) The indifferent attitude of the Operator toward DMEA assistance and failure to reply to recent correspondence.

W. M. Traver

W. M. Traver

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

AUG - 2 1955

Hon. Frank A. Barrett
United States Senate
Washington 25, D. C.

Re: Docket No. DMEA-2964 (Iron)
Schroeder Mining Co.
Platte County, Wyoming
Contract Idm-E578

My dear Senator Barrett:

Under date of July 25 you referred to us a letter dated July 23 to you from D. N. Sherard, an attorney representing W. H. Collins. The letter states that Dr. Collins is the owner of certain mining claims that are the subject of the exploration project contract above referred to, which contract is now held by Schroeder Mining Co. by assignment from the original operator, E. C. Schroeder Co., Inc. The attorney, in behalf of Dr. Collins, expresses doubt as to whether the exploration work described in the contract has been performed, and asks if it was performed that he be advised of the results.

The facts are that the estimated cost of the work provided for in the contract is the sum of $48,100.00 to which the Government agreed to contribute 50 per cent or $24,050.00; that work under the contract has been discontinued by the operator since August 1954; that up to that time only a part of the work had been performed at a cost represented by the operator at $13,898.00; and that the operator remains in default with respect to performance.

In view of the limited amount of work that has been performed, and the failure of the operator to achieve the goals fixed by the contract, this administration cannot at this time supply any worthwhile information with respect to the results of the work. If the project is ever completed this agency may be able to provide Dr. Collins with the factual results of the work performed.

Mr. Sherard's letter is returned herewith.

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge/JLHofflund/emd
7/29/55
Copy to: DMEA Docket
Adm. R. File
Op. Comm.
W. S. Martin (2)
Field Reg. III

J. L. Hofflund
chron pending

C O P Y

D. N. SHERARD

Attorney at Law

Wheatland, Wyoming

July 23, 1955

The Honorable Frank Barrett
United States Senator
Washington, D. C.

Dear Senator Barrett:

I represent W. H. Collins of Wheatland, Wyoming whom I think you know quite well. At the present time Dr. Collins is very ill from a heart attack and is confined in a hospital here in Wheatland.

Dr. Collins is the owner of what is known as the Nightingale and Good Fortune Iron Mining Claims here in Platte County which comprise approximately 700 acres.

Several years ago Dr. Collins leased these mining claims to the K. C. Schroder Company, Inc. whereby the latter was to mine the iron therefrom. Since that time this company has apparently abandoned these claims, so they did not furnish the Doctor with any core drilling data or other exploratory results.

We noticed in an issue of the Denver Post dated December 30, 1953, it was reported that the United States had advanced to this company the sum of $24,500.00, which sum was to be matched by the company, for exploratory work and core drilling on these claims.

The Doctor is doubtful that this exploratory work or core drilling was ever done and he would appreciate any assistance that you might be able to give in determining whether or not $49,000.00 worth of exploration was carried on and if so we would very much like to know the results of it.

Kindest personal regards.

Sincerely yours,

/s/ D. N. Sherard

D.N. Sherard

DNS:mb

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Hon. Frank A. Barrett
United States Senate
Washington 25, D. C.

My dear Senator Barrett:

This will acknowledge receipt of your letter of July 25, 1955, and an attached letter from Mr. D. N. Sherard, Wheatland, Wyoming, inquiring about the exploration completed under Contract No. Idm-E578, Schroeder Mining Co., Assignor, our Docket No. DMEA 2964, on the Good Fortune and Nightingale properties. The referenced information was requested in behalf of Dr. W. H. Collins, Wheatland, Wyoming, owner of the Nightingale and Good Fortune claims.

The Defense Minerals Exploration Administration entered into a contract with the E. C. Schroeder Co., Inc. on August 7, 1953, that authorized the drilling of 7100 feet of churn drill holes for the exploration of iron. Total cost of the exploration project was $48,100.00. Of this amount the Government would contribute 50 percent of the approved costs or $24,050.00, and the project work was to be completed within twelve months of the date of the contract.

On January 28, 1953, the Government consented to the assignment of Contract No. Idm-E578 to the Schroeder Mining Co., 500 Wesley Temple Building, Minneapolis 3, Minnesota.

By Amendment No. 2, dated August 30, 1954, the period for completion of the exploration was extended to sixteen months from the date of the contract.

Since August 1954, the project has been in unauthorized recess. By that time, 1968 feet of the authorized drilling had been completed at a total cost of $13,898.00.

At the conclusion of the project if the owner or someone having his power of attorney will apply directly to us, we can probably furnish him for his personal use but not for publication the factual results of the exploration.

As you requested Mr. Sherard's letter is returned herewith.

Sincerely yours,

Administrator

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

402

224 New Customhouse
Denver 2, Colorado

June 1, 1955

Mr. C. A. Thompson
Assistant Secretary-Treasurer
Schroeder Mining Company
Guernsey, Wyoming

Re: Docket DMEA 2964 (Iron)
Contract Idm-E578

W3a

Dear Mr. Thompson:

Your attention is directed to the provisions of Article 3 of Exploration Project Contract Idm-E578, as amended by Amendment No. 2, which establishes the period within which the project work is to be completed as 16 months from the date of the contract, or in effect by December 7, 1954.

Inasmuch as the contract has expired, and apparently you are not desirous of continuing operations under the contract, your attention is therefore directed to the provisions of Article 5(b) regarding your responsibility for the rendering of a final engineering and geologic report pertaining to work completed under the contract.

We are desirous of closing this account at an early date, therefore we will appreciate your rendering the final engineering and geologic report at your earliest convenience.

Very truly yours,

/s/ W. M. Traver

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

JWT:jp
cc: Subject
Chron
Chairman, Op. Comm.
Harshman
Shaw
Townsend

Olmen 2964

Copied from MINING WORLD, May 1955- Vol. 17 No. 6, Page 91

The Schroeder Mining Company of McGregor, Iowa has announced plans for opening an iron ore strip mine 6½ miles west of Chatfield, Minnesota, about 18 miles southeast of Rochester. Schroeder recently sold properties they were operating in Alabama and Wyoming. Plans are to ship about 15 cars of washed ore a day starting July 1. The grade of ore and type of operation will be similar to that now handled by M. A. Hanna Company at Spring Valley, Minnesota.

400

MAY - 4 1955

Mr. M. M. Cooney
Clewell, Cooney & Fuerste
705 Roshek Building
Dubuque, Iowa

Re: Docket No. DMEA 2964 Iron
Schroeder Mining Co. (Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Judge Cooney:

Please disregard our letter of April 29, 1955. We have received from the Field Team, Region III, copy of an acknowledgment bearing that same date of a letter of April 26 from Mr. C. A. Thompson, Assistant Secretary Treasurer, Schroeder Mining Co., Guernsey, Wyoming.

From the tone of the above mentioned copy, we assume that no further intervention from your office or this office will be necessary.

Sincerely yours,

W. S. Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Code 400
Adm. Read. File
Robt. Holliday, USBM
Thor Kiilsgaard, USGS
FT, Reg. 3, Denver

WSMartin/ls
5/3/55

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 29, 1955

Mr. C. A. Thompson
Assistant Secretary-Treasurer
Schroeder Mining Co.
Guernsey, Wyoming

Re: Docket DMEA 2964 (Iron)
Contract Idm-E578

Dear Mr. Thompson

Receipt is acknowledged of your letter of April 26, 1955, and your check in the amount of $560.18 in payment of royalties as per our calculation sheet of February 24, 1955.

In the last paragraph of your letter of April 26 you request that we release the sum of $500.00 withheld from reimbursement to you on Forms MF-104 for the months of June and July 1954.

The sum of $500.00 was withheld for the reason stated on the Administrative Audit Difference Statement which is returned herewith for your records.

Upon resumption of drilling under the contract or receipt of your final engineering and geologic report, the amount withheld will be released for reimbursement to you.

Very truly yours,

W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

JWT:jp
cc Subject
Royalty
Chron
Chairman, Op. Comm. (3)
Harshman
Shaw
Townsend

APR 29 1955

400

Mr. M. M. Cooney
Clewell, Cooney & Fuerste
705 Roshek Building
Dubuque, Iowa

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Idm-K578

Dear Judge Cooney:

A review of our files on the subject contract shows that Mr. W. M. Trever, Executive Officer, DMEA Field Team, Region III, 224 New Custom House, Denver, Colorado, has not yet heard from the auditor at Guernsey, as outlined in your letter to us of February 4, 1955.

We feel sure that you will agree that by this time Mr. Trever should have had some word from the auditor, as Mr. Schroeder instructed.

Sincerely yours,

SIGNED

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Code 400
Adm. Read. File
R. Holliday, USBM
T. Kiilsgaard, USGS
FT, Reg. 3 - Denver

WSMartin/ls
4/29/55

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 20, 1955

WSM

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2964 (Iron), Contract Idm-E578, Schroeder Mining Co., Good Fortune and Nightingale Mine, Platte County, Wyoming

Reference is made to the post script instructions to this office in the letter dated February 11, 1955 from W.S. Martin, Chief, Iron and Ferro Alloy Division, to Mr. M. M. Cooney.

The data to be furnished this office by the auditor at Gurnsey has never been received, therefore the matter is again referred to you for appropriate action.

W. M. Traver

W. M. Traver

400

FEB 11 1955

Mr. M. M. Coomey
Clewell, Coomey & Fuerste
705 Roshek Building
Dubuque, Iowa

Re: Docket No. DMSA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Ida-8578

Dear Judge Coomey:

This will acknowledge your reply of February 4, 1955, to our letter of January 21, 1955. We note that Mr. Schroeder has instructed the auditor at Guernsey to furnish Mr. King with the information requested and trust that the difficulties pertaining to the subject contract will soon be resolved.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

FARutledge:foc
2-9-55
cc to: Docket
Code 400
Adm. Reading File
FT. REG. III**
Myrdm R. Halliday, USBM
Thor H. Kiilsgaard, USGS

(**) If you do not receive the requested data from the auditor within a reasonable period, please advise us so that we can write again to Judge Coomey.

C O P Y

CLEWELL, COONEY AND FUERSTE
LAW OFFICES
705 Roshek Building
Dubuque, Iowa

February 4, 1955

Mr. W. S. Martin, Chief
Iron and Ferro-Alloys Division
U. S. Department of the Interior, DMEA
Washington 25, D. C.

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. Martin:

This will acknowledge receipt of your letter of January 31, 1955, with copies of Mr. King's letters of September 8, September 16 and October 21 and October 22, 1954, enclosed. Mr. Schroeder has instructed the auditor at Guernsey to furnish Mr. King with the information requested.

Very truly yours,

CLEWELL, COONEY & FUERSTE

By M. M. Cooney

MMC:C

JAN 31 1955

400

Mr. M. M. Cooney
Clewell, Cooney & Fuerste
705 Roshek Building
Dubuque, Iowa

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co.(Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Idm-2578

Dear Judge Cooney:

This is to thank you for your reply of January 25, 1955, to our letter of January 21. Your cooperation in this matter is certainly appreciated. Please give our condolences to Mr. Paul E. Schroeder.

For your convenience we are enclosing two copies of each of the letters referred to in our letter of December 17, 1954, and dated as follows: September 8, September 16, October 21, and October 22, 1954.

Sincerely yours,

SIGNED

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Enclosures

cc: DOCKET
FT. REG. III-Denver, Colo.
CODE 400
ADM. READ. FILE
T. KIILSGAARD, USGS
R. HOLLIDAY, USBM

FARutledge/WSMartin/ls
1-28-55

C O P Y

400

CLEWELL, COONEY AND FUERSTE
705 Roshek Building
DUBUQUE, IOWA

January 25, 1955

Mr. W. S. Martin, Chief
Iron and Ferro-Alloys Division
Defense Minerals Exploration
Administration
United States Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune and Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. Martin:

I have your letter of January 21, 1955, together with the copy of Mr. Mittendorf's letter to Paul E. Schroeder dated December 17, 1954. Mr. Schroeder does not have any recollection of receiving any letters that he has not answered except Mr. Mittendorf's letter of December 17, 1954, which came to the McGregor office of E. C. Schroeder Co., Inc. while he was in Kansas on a job and the letter was not forwarded to him.

The Wyoming operation has been shut down for some time due to the Company's inability to sell the ore at a profit and it is possible that the letters in question came to the Guernsey office of the Schroeder Mining Co. and were not forwarded to Mr. Schroeder. During this period Mr. Schroeder states that he or some company representative had various conferences with members of the Denver DMEA office.

I am assuming that the letters of September 16, October 21, and October 22, 1954, came out of your office, and if you will send me copies I will see that you get an answer by return mail.

Mr. E. C. Schroeder, who was in charge of the E. C. Schroeder Co., Inc. and Schroeder Co. operations, died during the holidays and Paul Schroeder has been on the road most of the time since.

When I receive copies of your letters I will get Mr. Schroeder in and get you the information you desire.

Sincerely,

Signed: M. M. COONEY
M. M. COONEY

MMC:C

400

JAN 21 1955

400

Mr. M. M. Cooney
Clewell, Cooney & Fuerste
705 Roshek Building
Dubuque, Iowa

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune and Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Judge Cooney:

Enclosed is a copy of our letter of December 17, 1954, to Mr. Paul C. Schroeder, President, Schroeder Mining Company, with regard to the above-referenced exploration contract. No reply has been received from Mr. Schroeder.

Considering the interest which you showed in obtaining the contract for E. C. Schroeder Co., Inc., we believe it is now in order to mention this matter to you. We chiefly need to determine:

When replies will be received to the referenced letters;
When royalty payments will be made; and
Whether continuation of the exploration program is planned.

Your comments on any or all of the foregoing questions will be appreciated.

Sincerely yours,

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Enclosure

cc: Docket
FT, Reg. 3 - Denver, Colo.
Code 400
Adm. Read. File
T. Kiilsgaard, USGS
Robert Holliday, USBM

FARutledge/WSMartin/ls
1-21-55

DEC 17 1954

Mr. Paul C. Schroeder, President
Schroeder Mining Company
McGregor, Iowa

Re: Docket No. DMEA 2964 - Iron
Good Fortune and Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. Schroeder:

Reference is made to the subject docket. Records in this office indicate that the last correspondence received relating to the exploration program under Contract No. Idm-E578 was the progress report and voucher for July 1954. We have had no answers to our letters of September 8, September 16, October 21, and October 22, 1954.

In the interest of expediting the DMEA program, it will be appreciated if you will give these matters your prompt attention.

Sincerely yours,

G. O. Mittendorf

Administrator

FARutledge:foc
12-16-54
cc to: Docket
Code 400
Adm. Reading File
FT. REG. IV
Robert Holliday, USBM
Thor H. Kiilsgaard, USGS

456

Department of the Interior
Defense Minerals Administration
RECEIVED
DEC 15 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 13, 1954

AIRMAIL

WSM

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 2964 (Iron), Contract Idm-E578, Schroeder Mining Company (Assignee), Good Fortune and Nightingale Mines, Platte County, Wyoming

Reference is made to your letter of December 8, 1954 and our memorandum of the same date, which passed enroute, relative to matters concerning the subject contract.

As we have been unable to obtain a reply to any of our letters to the operator, or settlement of the matters concerned, we recommend that the Washington office, DMEA, contact the operator in an effort to obtain a solution of the problems involving work and payment of delinquent royalty due the Government under the terms of the contract.

In conjunction with royalty matters we are enclosing for your information two copies each of our letters to the operator dated September 8 and October 22 to which we have received no reply.

W H King
W. H. King

Encls.

[illegible] New Customhouse
Denver 2, Colorado

October 22, 1954

Mr. Paul C. Schroeder, Manager
Schroeder Mining Company
McGregor, Iowa

Re: Royalty Payments
IMA Docket 2964 (Iron) Contract Ir-2578
Coal Fortune and Nightingale groups
Platte County, Wyoming

Dear Mr. Schroeder:

Reference is made to our letter to you dated September 1, 1954, of which is enclosed. We were in error in your receipt of royalty from you [illegible] are disapproved from the [illegible] in accordance with our letter of August 1, 1954.

[illegible]

[illegible]
Executive Director, IMA
[illegible]

Enclosure

Oct. 22

224 Low Gulchenouro
Denver 2, Colorado

September 8, 1954

Mr. Paul C. Schroeder, Manager
Cenrecdor Utility Company
Nebraska, Iowa

Re: Royalty Payment
[illegible]
Cenrecdor Utility Company
[illegible]
[illegible]

Dear Mr. Schroeder:

[illegible]

[illegible]

[illegible]

[illegible] Burlington office for their information. [illegible] attract any to proceed to create [illegible] recently filed before August 7, 1954.

If royalty is paid on all concentrates [illegible] so will require four copies of all [illegible]. [illegible] production is excluded from royalty payment by an agreement as stated above, so this requires four copies only, [illegible] total production of concentrates [illegible] the portion of this total production which is subject to this royalty payment.

In the enclosing form copies of MMA Order 1 dated, [illegible] 1[illegible] of which explains the method of royalty calculation under MMA Contracts.

Please make your check payable to the Defense Minerals Exploration Administration and mail it with copies of settlement sheets, etc. to L. F. Ray, Executive Officer, MMA, Region IV, Room 224 Post Office Building, Denver 2, Colorado.

Yours very truly,

[illegible]
[illegible]
Executive Officer, [illegible]
[illegible], Region IV

Enclosures

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEC 10 1954

224 New Customhouse
Denver 2, Colorado

December 7, 1954

WSM

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, Platte County, Wyoming

Reference is made to our letters to the operator dated September 16 and October 21, 1954, copies of which were forwarded to you, relative to the proposed amendment to add additional ground under Article 2 of the contract, which was prepared in Washington and forwarded by your letter of September 9, 1954 for signature by the operator.

In our letter of October 21, 1954 we also requested to be advised as to the status of work under the contract.

Inasmuch as we have received no reply to our letters of September 16 and October 21, and as the contract expires today, it appears that some action by the Government is indicated. Therefore, it is suggested that the Washington office, DMEA, contact the operator in an effort to obtain information relative to future work under the contract.

W. H. King

400

DEC - 8 1954

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Custom House
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. King:

Reference is made to the subject docket. To date we have received no payments of royalty under this contract though Mr. M. H. Salsbury stated in his memorandum of June 10, 1954, to the Chief, Mineral Resources Branch, Mining Division, Region IV, that production had been made from the lands set forth in the referenced contract.

In addition, we have received no further correspondence relating to our letter of August 4, 1954, to the Field Team on the question of royalty.

On September 9, 1954, Amendment No. 4 adding several claims to the land set forth in the contract was forwarded to you for execution by the Operator. This amendment is still in the field.

It will be appreciated, therefore, if you will again call these matters to the attention of the Operator and expedite the completion or closing out of the subject contract.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

cc: Docket
FT, Region 4
Code 400
Oper. Comm.
Adm. Read. File
Robert Holliday, USBM
Thor Kiilsgaard, USGS

FARutledge/ls
12/7/54

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse Building
Denver 2, Colorado

October 21, 1954

WSM

Mr. Paul E. Schroeder
Schroeder Mining Company
Douglas, Wyoming

Re: Docket DMEA 2964 - (Iron)
Contract Idm-E578

Dear Mr. Schroeder:

Reference is made to our letter of September 16, 1954 wherein we requested advice and data in conjunction with a proposed amendment to Contract Idm-E578 prepared by the Washington office, DMEA, to include additional ground under Article 2 of the contract.

As to date we have received no reply to our letter of September 16 we will appreciate it if the matter be given prompt attention.

Records in this office indicate that Form MF-104 Operator's Monthly Progress Report and Voucher for the period June and July 1954 is the last accounting report submitted relative to work performed under the contract. In that regard please advise as to the status of work under the contract. In the event work has been suspended, an unauthorized suspension of work operations under the contract which will necessitate or involve an extension of the period for completion of the project work is a default of the contract.

In that respect, the contract expires December 7, 1954 and it appears that there will be insufficient time prior to that date in which to complete the balance of work authorized. Therefore, any suspension will in effect involve an extension of the completion period which is permissible under justifiable circumstances.

We will appreciate advice on all of the above matters at your earliest convenience.

Very truly yours,

/s/ W. H. King

W. H. King
Executive Officer, DMEA
Field Team, Region IV

JWT:jp
cc Subject
Chron
Chairman, Op Comm.
Koschmann
Traver
Townsend

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

September 16, 1954

224 New Customhouse
Denver 2, Colorado

Mr. Paul E. Schroeder
Schroeder Mining Company
Douglas, Wyoming

Re: Docket DMEA 2964 - (Iron)
Contract Idm-E578

Dear Mr. Schroeder:

The Washington office, DMEA, have deemed it to be in the best interests of both parties to the contract that additional ground be included under Article 2 of the contract.

In conjunction therewith they have prepared an amendment to add the following claims to the ground presently described under Article 2:

Good Fortune Group

Blue Jay Fraction
Golden Rule
Juneau
Valley

Nightingale Group

Hoosier
Crown
Mollie Gibson

Before the amendment can be executed to include the additional ground it is necessary that this office be supplied with a signed copy, or photostat thereof, of the assignment of the lease on the above claims from E. C. Schroeder Company, Inc., to the Schroeder Mining Company.

If an amendment of the nature outlined above is satisfactory to you please supply the copy of the assignment of the lease as mentioned above or advise us relative to your objections to including the additional ground. In any event, we will appreciate a reply at your earliest convenience.

Very truly yours,

/s/ John F. Shaw
John F. Shaw
For W. H. King
Executive Officer, DMEA
Field Team, Region IV

JWT:jp
cc Subject
Chron
WMTraver
AHKoschmann
Chairman, Oper. Comm.
JWTownsend

Inte[illegible]r Department

XXXXX XXXXXXXXXXXXXXXX

Defense Minerals Exploration Adm.

14X4401(01) Revolving Fund,
Defense Production Act, Interior
(Allocated Working Fund to the Office of
the Secretary)

T E L E T Y P E

SEP 1 4 1954

To: W. H. King, DMEA Executive Officer, Region IV, Denver, Colorado

Rett September 13, Contract Idm-E578, Schroeder Mining Company, Docket No. DMEA 2964, our proposed Amendment No. 3, prepared without knowledge of Operator should be renumbered 4 as requested by ourtt September 10. To accord with W. M. Traver's memorandum to you of June 21 - your progress report for May - we checked leases against General Land Office survey plats and added additional claims.

George C. Selfridge
Chairman, Operating Committee

CC: Docket
Confirmation - FT, REG. III
Code 400
Adm. Reading File
Operating Comm.
J. M. Forbes, USBM
Thor H. Kalsgaard, USGS

9/14/54

400

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 14 1954

BUR MINES DN 235 9-13-54 1-04 PM

CHAIRMAN OPERATING COMMITTEE DMEA

RE AMENDMENT NO. 3 CONTRACT OXXX NO. IDM-E578, DOCKET NO. DMEA 2964, SCHROEDER MINING COMPANY, COPIES OF WHICH WERE RECEIVED TODAY. THIS OFFICE HAD NO KNOWLEDGE OF PROPOSED AMENDMENT. PLEASE ADVISE BY TELETYPE IF AMENDMENT WAS PREPARED AT REQUEST OF OR WITH CONCURRENCE OF OPERATOR. THE MANNER IN WHICH THE MATTER IS PRESENTED TO THE OPERATOR IS DEPENDENT ON YOUR REPLY.

JOHN F SHAW FOR W H KING

ans. prepared 9-14-54

400

Interior Dept.
Defense Minerals Expl. Adm.

14X4401(01) Revolving Fund,
Defense Production Act,
Interior (Allocated Working Fund to
the Office of the Secretary)

SEP 10 1954

TELETYPE

To: W. H. King, DMEA Executive Officer, Region IV
Denver, Colorado

Reourlet September 9, Docket DMEA 2064-Iron, Schroeder Mining Co.

Please change our Amendment No. 3 to Amendment No. 4 prior to execution thereof in order to avoid confusion with your executed Amendment No. 3 received here subsequently.

George C. Selfridge
Chairman, Operating Committee

cc: DOCKET
FT, REG. IV
OPER. COMM.
ADM. READ. FILE
CODE 400
J. M. FORBES, USBM
THOR KIILSGAARD, USGS

WSMartin/ls
9-10-54

SEP 9 1954

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. King:

Enclosed are the original and five copies of Amendment No. 3 to the subject contract signed by the Administrator for the Government.

If the terms and conditions of this proposed amendment are satisfactory to you and the Operator, all six copies should be signed and the usual distribution made. However before execution of the subject amendment, it will be necessary for the Operator to furnish copies of an assignment from the Schroeder Mining Co., Inc., to the Schroeder Mining Co., of the lease covering the following seven claims:

Blue Jay Fraction, Golden Rule, Juneau, Valley, Hoosier, Crown, and Mollie Gibson.

In reviewing the land holdings covered by the Operator's leases, copies of the General Land Office survey plats were examined. The additional claims were included with the land covered by the contract because it was believed to be in the best interest of both parties to the contract.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

FARutledge:foc 9-3-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. IV
J. M. Fobbes, USBM
Thor H. Kilsgaard, USGS

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

August 31, 1954

Memorandum

To: The Administrator, DMEA
Through: Mr. W. S. Martin

From: Acting Assistant Solicitor, Defense Minerals

Subject: Schroeder Mining Co., Docket No. DMEA-2964 (Iron), Contract Idm-E578, Amendment No. 3

Attached is Amendment No. 3 to the above-described contract in satisfactory legal form for execution.

A copy of the assignment transferring the claims set forth in Amendment No. 3 from E. C. Schroeder Co., Inc., to Schroeder Mining Co., is required.

/s/ Henry C. Rubin

For J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments 9

HCRubin/emd

Copy to: Solicitor's Docket
DMEA Docket
W. S. Martin (2)
J. L. Hofflund
H. C. Rubin
chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co., (Assignee)
Good Fortune and Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. King:

Reference is made to your memorandum of June 14, 1954, transmitting a memorandum dated June 10, 1954, from M. H. Salsbury to W. M. Traver, Bureau of Mines, on certain production under the subject contract.

Enclosed are two copies of a memorandum dated July 2, 1954, from the Acting Assistant Solicitor, Defense Minerals, to The Administrator, DMEA, covering the question of royalty on production prior to the execution of the subject contract - August 7, 1953.

The above-referenced memorandum by Hofflund, however, does not cover the production from the material that was stripped after August 7. See 5th paragraph Salisbury's memorandum as follows: "However, R. G. Landmacher, the superintendent, believes that a small amount was stripped after August 7, but they do not have a record of the tonnage." Royalty would normally be due the Government on the production from the material stripped after the date of the contract. In the present case, if it is determined that such production is insignificant, or if there is no way to determine the ratio between the material stripped subsequently and that stripped prior to the contract's execution, royalty on the stockpiled stripped material may be waived.

In addition, all of the mine-run ore produced since the date of the contract is subject to the Government's royalty.

Sincerely yours,

Chairman, Operating Committee

Enclosures

452

August 17, 1954

MEMORANDUM

To: Acting Assistant Solicitor, Defense Minerals

From: Chief, Iron and Ferro-Alloys Division, DMEA

Subject: Preparation of amendment adding additional claims to the subject contract
Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. Idm-E576

A review of the subject docket has indicated that the addition of more claims would be in the interest of both parties to the referenced contract. The following claims should be added:

Good Fortune group

a. Blue Jay Fraction
b. Golden Rule
c. Juneau
d. Valley

Nightingale group

a. Hoosier
b. Crown
c. Mollie Gibson

An assignment of lease on the above claims by the Schroeder Mining Co., Inc., to the Assignee will also be required.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Adm. Reading File
Code 400

FARutledge/ls 8/17/54

Copied from MINING WORLD, Page 68, April 15, 1954 "Annual Catalog Issue Development and Directory Number.

The old Good Fortune mine, also in the Hartville uplift, in a group of claims located in 1857 and which produced some 5,000 tons of hematite ore in the winter of 1897-1898, was reactivated by the E. C. Schroeder Company. Although the main activity in 1953 was development work and a testing program with drilling equipment, some mining was started and approximately 55,000 tons of ore were produced during 1953.

AUG 4 - 1954

Mr. [illegible] M. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune & Nightingale mines
Platte County, Wyoming
Contract No. I[illegible]-1573

Dear Mr. King:

Reference is made to your memorandum of June 14, 1954, transmitting a memorandum dated June 10, 1954, from [illegible] Salsbury, Bureau of Mines, to [illegible] Traver, Bureau of Mines, on certain production under the subject contract.

In our letter of June 10, 1954, you are requested to advise the Operator that all production from the property set forth in Article 2 of the contract is subject to royalty payments. Production in this case resulting from the treatment of a stockpile of low-grade overburden stripped from the ore deposit is considered the same as that coming from a waste dump.

In several cases similar to the present one, where it was not the intention of either the Government or the Operator that the production from such sources would be subject to royalty payments, production from the waste dumps or detrital material have been excluded by suitable amendments from that on which royalty is to be paid. Therefore, as the low-grade material stripped was stockpiled prior to commencement of work under the subject exploration contract and did not benefit in any fashion from the DMEA program, the production resulting therefrom may be excluded from that on which the Government's percentage royalty is due by an amendment to carry out the real intention of both parties. Such exclusion, however, should be requested by the Operator, accompanied by the reasons for the exclusion and stating that, when the contract was executed, it was not the Operator's belief that the production from the stockpiled material would be subject to the Government's percentage royalty.

The Operator's request should then be forwarded to Washington with the Field Team's recommendations. If exclusion of this production or any other production from that on which royalty is due the Government is recommended by the Field Team, the Field Team's recommendations should be accompanied by justifications for the exclusion.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

cc: DOCKET
CODE 400
FIELD TEAM, REG. IV
OPER. COMMITTEE
MR. CHAMBERS
J. M. FORBES, USBM
E. T. NEWCOMB, USGS
ADM. READING FILE

FARutledge/ls
7/23/54

P.S. Attached hereto are copies of Counsel's memorandum dated July 19, which was prepared pursuant to the initial draft reply to your memorandum dated June 14. The text of the foregoing does not contain the "waiver of royalty claim" which Counsel objected to. He has surnamed the docket copy of this letter.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

July 19, 1954

Memorandum

To: The Administrator, DMEA
Through: Mr. W. S. Martin

From: Acting Assistant Solicitor, Defense Minerals

Subject: Docket No. DMEA-2964 (Iron), Schroeder Mining Company, Contract Idm-E578

I have not surnamed the attached memorandum for the signature of the Chairman of the Operating Committee to the Executive Officer, Region IV, because it seems erroneous to me. This letter would advise Mr. King that the Government may waive its claim to royalty on certain production—

> ... if it is determined that such production is insignificant, or if there is no way to determine the ratio between the material stripped subsequently and that stripped prior to the contract's execution ...

Under no circumstances has the DMEA any authority to waive royalty that may have accrued and become due to the Government, except pursuant to some new consideration running to the Government.

The proposed letter is intended to supplement my memorandum to you of July 2 in which I pointed out that stockpiled ore produced before the date of the exploration contract is not subject to the Government's royalty claim. The mere fact that ore which is subject to the Government's royalty claim may have been so handled as to make the computation of the royalty difficult, does not justify a waiver of the Government's claim. The last paragraph of the letter of Mr. M. H. Salsbury, Mining Engineer, to Region IV, dated June 10, states:

> "If it is determined that either or both classes of ore ... are subject to royalty, demand for settlement data should be made through the management."

In my opinion this suggestion should be carried out. It is the Operator's duty to keep a proper record and accounting of the production and disposition of ore in which the Government has a royalty interest. If no such record or accounting has been kept, the Government need not necessarily accept the Operator's estimate of the amounts, but at least demand should be made upon the Operator for the purpose of forming some basis for determining what may be due to the Government.

J. L. Hofflund

J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachment

JLHofflund:ep

Copy to: Solicitor's Docket
DMEA Docket
Mr. Martin (2)
Mr. Hofflund
Chron.

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co., (Assignee)
Good Fortune and Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. King:

Reference is made to your memorandum of June 14, 1954, transmitting a memorandum dated June 10, 1954, from M. H. Salsbury to W. M. Traver, Bureau of Mines, on certain production under the subject contract.

Enclosed are two copies of a memorandum dated July 2, 1954, from the Acting Assistant Solicitor, Defense Minerals, to The Administrator, DMEA, covering the question of royalty on production prior to the execution of the subject contract - August 7, 1953.

The above-referenced memorandum by Hoffland, however, does not cover the production from the material that was stripped after August 7. See 5th paragraph Salisbury's memorandum as follows: "However, R. G. Landmacher, the superintendent, believes that a small amount was stripped after August 7, but they do not have a record of the tonnage." Royalty would normally be due the Government on the production from the material stripped after the date of the contract. In the present case, if it is determined that such production is insignificant, or if there is no way to determine the ratio between the material stripped subsequently and that stripped prior to the contract's execution, royalty on the stockpiled stripped material may be waved.

In addition, all of the mine-run ore produced since the date of the contract is subject to the Government's royalty.

Sincerely yours,

Chairman, Operating Committee

Enclosures

FARutledge:fec
7-15-54
cc to: Docket
Code 400
Adm. Reading File
Operating Committee
FT. Reg. IV
J. M. Forbes, USBM
Mrs. Martha Carr, USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

July 2, 1954

Memorandum

To: The Administrator, DMEA
Through: Mr. W. S. Martin

From: Acting Assistant Solicitor, Defense Minerals

Subject: Docket No. DMEA-2964 (Iron), Schroeder Mining Company, Contract Idm-8578

A memorandum from the Executive Officer, Region IV, to the Administrator of June 14 to which is attached a memorandum from Mr. M. H. Salsbury, Mining Engineer, to the Chief, Mineral Resources Branch, Mining Division, Region IV, raises some questions as to the liability of the Operator for royalty on the proceeds from certain ore.

The contract is dated August 7, 1953, is on the short form, and contains a royalty annex which provides that the Operator shall pay royalty "...on all minerals mined or produced from the land described in Article 2 ... It appears from the correspondence that the ore in question was produced before the date of the contract by stripping operations from land described in Article 2, was stockpiled on land described in Article 2, and after the date of the contract was shipped to a concentrator, blended with ore produced from land not described in Article 2.

The legal question is whether ore produced before the date of the contract from land described in the contract, and stockpiled on that land, can thereafter be subject to the Government's royalty claim.

In my opinion, it cannot. I think that the ore was "mined or produced" within the meaning of the contract when it was stockpiled, and that nothing that occurs thereafter can subject it to the Government's royalty claim. I realize that this ore was not sold in its raw form, but was first shipped to a mill for concentrating. Under these circumstances, any royalty that might be due to the Government would be computed upon the returns from the concentrates, but this is not to say that the process of milling and concentrating is in itself mining or production within the

meaning of the contract. Rather, the milled and concentrated product is used as the basis for computing the royalty on the ores that were "mined or produced."

I believe that this covers the only matter in the correspondence for legal consideration.

J. L. Hofflund

J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

JLHofflund:ep

Copy to: DMEA Docket
Solicitor
Mr. Martin
Mr. Hofflund
Chron.

FAR
6-23-54

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE ELECTRIC POWER ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JUN 24 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune and Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. King:

Reference is made to ~~the question, raised in~~ your memorandum of June 14, 1954, transmitting ~~relevant~~ a memorandum dated June 10 from ~~by W. M. Trover and~~ M. H. Salsbury to Wm. Trover, Bureau of Mines, ~~and asking of what production from the land described in the above mentioned contract shall be subject to the~~ a question of the entitlement to Government's percentage royalty on certain production under the subject contract.

As set forth in Annex I of the contract, all minerals mined or produced after the date of the contract from the lands described in the contract are subject to the Government's percentage royalty up to the amount contributed by the Government with certain qualifications as to certification or non certification. Therefore royalty will be due the Government on the production from the Good Fortune stockpile of low-grade material subsequent to the contract's execution.

However if the low-grade material from the Good Fortune group mined prior to the date of the contract had been stockpiled on land other than that covered by the subject contract, no royalty would be due the Government thereon. ~~on that mined prior to the date of the contract.~~

The method proposed by Mr. Salsbury for calculating the proportion of the concentrates subject to the Government's royalty has our approval.

In addition, all of the mine-run ore produced since the date of the contract is subject to the Government's royalty.

Sincerely yours,

Chairman, Operating Committee

-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 6/18/54

REFERRED TO:

1. Mr. Martin, Rm. 3538
2.
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: 3 sets rec'd. Orig. set ret'd to M&R; attached 2 sets.

Check (X) before the items needing attention.

George C. Selfridge
Initials of sender.

GPO 16—63815-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

Royalty

June 14, 1954

Memorandum

WSM

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty payments, DMEA Docket 2904 (Iron) Contract Idm-E578, Schroeder Mining Company (Good Fortune and Nightingale groups) Platte County, Wyoming.

Enclosed is a copy of our memorandum dated May 27, 1954 requesting information concerning shipment of concentrates produced under DMEA Contract Idm-E578, and a copy of an answering memorandum prepared by M. H. Salsbury, mining engineer from the Colorado Branch Office of the Bureau of Mines.

Please review Salsbury's memorandum and advise us as to what royalty requests should be made to this operator.

We believe that ore produced before the date of the contract, August 7, 1953, and shipped at a later date does not require royalty payments. Your official ruling in this case will be appreciated.

W. H. King

Enclosures
RDB:
es

cc: Royalty File E578
Traver
Christensen w/copy memorandum
Sec. to Op. Comm. (2)w/copy memorandum
Berk "
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 10, 1954

Memorandum

To: Executive Officer, DMEA Field Team

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, contract Idm-E578 (Iron), Schroeder Mining Company (Good Fortune and Nightingale groups) Platte County, Wyoming

Enclosed are the original and seven copies of a memorandum by M. H. Salsbury regarding royalty payments on the above contract in response to your memorandum of May 27, 1954.

The memorandum requires no comment.

W. M. Traver

W. M. Traver

enclosures

cc 7
E578
DMEA Chron.

WMT/pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 10, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. E. Salsbury

Subject: DMMA 2964, contract Idm-E578 (Iron), Schroeder Mining Company (Good Fortune and Nightingale groups), Platte County, Wyoming - Royalty payments

The source and amount of ore shipments made from the contractor's operation on the subject property was checked during a regular progress examination on June 8, 1954.

The new heavy media concentration plant has been in operation since the middle of March 1954, at first on a one shift per day basis, but later on two shifts per day. Two sources of ore have been used, an old Sunrise mine dump located on property controlled by the contractors, and stockpiled low-grade ore from the Good Fortune group. The amount of ore coming into the plant is estimated by tabulating truck deliveries and using an average weight for each load. Prior to May 18, 1954, ore from both the Sunrise dump and the Good Fortune was being blended, but since that date only Sunrise dump ore has been treated. Following are the estimated tonnages of mill feed through May 31, 1954, and the source:

Source	Amount (tons)	Percent of total feed
Sunrise dump	20,181	67.65
Good Fortune stockpile	9,654	32.35
Total	29,835	100.00

Shipments of concentrates through May 31, 1954, with weights of shipments during the last few weeks estimated, totaled 7,336.8 tons. Seven cars, or an estimated 800 tons, went to an Illinois plant, and the balance to Birmingham, Alabama. Presumably the concentrate shipments should be credited to the sources in proportion to the raw ore obtained from each.

4,07 : 1

The Sunrise dump ore was hauled from the Clipper and Monitor claims, which are not included in contract Idm-E578, and are definitely not subject to DMEA royalty.

The ore from the Good Fortune group came from claims included in the DMEA contract. It was low-grade material stockpiled from stripping operations, largely carried on before August 7, 1953, the date of the contract. However, R. G. Landmacher, the superintendent, believes that a small amount was stripped after August 7, but they do not have a record of the tonnage. Whether or not this material is subject to Government royalty, inasmuch as most of it was produced prior to August 7, 1953, is a matter for determination by the Field Team, Region IV. The amount involved is 9,654 tons or 32.35 percent of the mill feed through May 31, 1954.

In addition to the ore treated and shipped in 1954, a considerable tonnage of mine run ore was excavated and shipped between August 7 and November 1, 1953, when operations were suspended for the winter. This ore was shipped under the original company, E. C. Schroeder Company, Incorporated. It came from claims of the Good Fortune group which are included in contract Idm-E578, and is probably subject to DMEA royalty.

The financial records of the E. C. Schroeder Company, Incorporated, were kept at the home office in MacGregor, Iowa. Landmacher only has the daily report sheets for the period which he agreed to tabulate and furnish this office.

The records of current ore shipments are kept at the plant office in Guernsey, Wyoming, and the tonnage records were furnished the Government representative without question. Landmacher or the accountant would not, however, furnish any financial data on ore settlements without authorization from Paul C. Schroeder, the manager, who was not in Wyoming at the time of the inspection.

If it is determined that either or both classes of ore from the Good Fortune group are subject to royalty, demand for settlement data should be made through the management.

M. H. Salsbury
M. H. Salsbury
Mining Engineer

cc 7
E578
DMEA Chron.

MHS/pam

224 New Customhouse
Denver 2, Colorado

May 27, 1954

Memorandum

To: W. M. Traver

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty Payments - DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, Platte County, Wyoming.

Reference is made to the inspecting engineer's memorandum accompanying MF-104 forms for the month of April 1954, which states in part:

"Four thousand tons of concentrates were shipped in April."

According to Annex III of the subject contract, royalty is to be paid on all production from the twelve claims listed in Article 2 and described in Annex I from the date of the contract, August 7, 1954.

Please have your engineer determine for us if any production has been made from lands described in the contract since August 7, 1954, and also tonnage approximate grade, and destination of the shipments.

This can be handled at the time of the next regular inspection.

(signed) W. H. King

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

June 14, 1954

Memorandum

To: C. D. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty payments, DMEA Docket 2904 (Iron) Contract Idm-E578, Schroeder Mining Company (Good Fortune and Nightingale groups) Platte County, Wyoming.

Enclosed is a copy of our memorandum dated May 27, 1954 requesting information concerning shipment of concentrates produced under DMEA Contract Idm-E578, and a copy of an answering memorandum prepared by M. H. Salsbury, mining engineer from the Colorado Branch Office of the Bureau of Mines.

Please review Salsbury's memorandum and advise us as to what royalty requests should be made to this operator.

We believe that ore produced before the date of the contract, August 7, 1953, and shipped at a later date does not require royalty payments. Your official ruling in this case will be appreciated.

W. H. King

W. H. King

Enclosures
es

cc: Royalty File E578
Traver
Christensen w/copy memorandum
Sec. to Op. Comm. (2)w/copy memorandum
Berk
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 10, 1954

Memorandum

To: Executive Officer, DMEA Field Team

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2964, contract Idm-2578 (Iron), Schroeder Mining Company (Good Fortune and Nightingale groups) Platte County, Wyoming

Enclosed are the original and seven copies of a memorandum by M. H. Salsbury regarding royalty payments on the above contract in response to your memorandum of May 27, 1954.

The memorandum requires no comment.

W. M. Traver

W. M. Traver

enclosures

cc 7
2578
DMEA Chron.

WMT/pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 10, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: M. K. Salsbury

Subject: DMEA 2964, contract Idm-5378 (Iron), Schroeder Mining Company (Good Fortune and Nightingale groups), Platte County, Wyoming - Royalty payments

The source and amount of ore shipments made from the contractor's operation on the subject property was checked during a regular progress examination on June 8, 1954.

The new heavy media concentration plant has been in operation since the middle of March 1954, at first on a one shift per day basis, but later on two shifts per day. Two sources of ore have been used, an old Sunrise mine dump located on property controlled by the contractors, and stockpiled low-grade ore from the Good Fortune group. The amount of ore coming into the plant is estimated by tabulating truck deliveries and using an average weight for each load. Prior to May 18, 1954, ore from both the Sunrise dump and the Good Fortune was being blended, but since that date only Sunrise dump ore has been treated. Following are the estimated tonnages of mill feed through May 31, 1954, and the source:

Source	Amount (tons)	Percent of total feed
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Total	29,835	100.00

Shipments of concentrates through May 31, 1954, with weights of shipments during the last few weeks estimated, totaled 7,336.8 tons. Seven cars, or an estimated 800 tons, went to an Illinois plant, and the balance to Birmingham, Alabama. Presumably the concentrate shipments should be credited to the sources in proportion to the raw ore obtained from each.

The Sunrise dump ore was hauled from the Clipper and Monitor claims, which are not included in contract Idm-E578, and are definitely not subject to DMEA royalty.

The ore from the Good Fortune group came from claims included in the DMEA contract. It was low-grade material stockpiled from stripping operations, largely carried on before August 7, 1953, the date of the contract. However, R. G. Landmacher, the superintendent, believes that a small amount was stripped after August 7, but they do not have a record of the tonnage. Whether or not this material is subject to Government royalty, inasmuch as most of it was produced prior to August 7, 1953, is a matter for determination by the Field Team, Region IV. The amount involved is 9,654 tons or 32.35 percent of the mill feed through May 31, 1954.

In addition to the ore treated and shipped in 1954, a considerable tonnage of mine run ore was excavated and shipped between August 7 and November 1, 1953, when operations were suspended for the winter. This ore was shipped under the original company, E. C. Schroeder Company, Incorporated. It came from claims of the Good Fortune group which are included in contract Idm-E578, and is probably subject to DMEA royalty.

The financial records of the E. C. Schroeder Company, Incorporated, were kept at the home office in MacGregor, Iowa. Landmacher only has the daily report sheets for the period which he agreed to tabulate and furnish this office.

The records of current ore shipments are kept at the plant office in Guernsey, Wyoming, and the tonnage records were furnished the Government representative without question. Landmacher or the accountant would not, however, furnish any financial data on ore settlements without authorization from Paul C. Schroeder, the manager, who was not in Wyoming at the time of the inspection.

If it is determined that either or both classes of ore from the Good Fortune group are subject to royalty, demand for settlement data should be made through the management.

M. N. Salsbury
M. N. Salsbury
Mining Engineer

cc 7
E578
DMEA Chron.

MNS/pam

224 New Customhouse
Denver 2, Colorado

May 27, 1954

Memorandum

To: W. M. Traver

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty Payments - DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, Platte County, Wyoming.

Reference is made to the inspecting engineer's memorandum accompanying MF-104 forms for the month of April 1954, which states in part:

"Four thousand tons of concentrates were shipped in April."

According to Annex III of the subject contract, royalty is to be paid on all production from the twelve claims listed in Article 2 and described in Annex I from the date of the contract, August 7, 1954.

Please have your engineer determine for us if any production has been made from lands described in the contract since August 7, 1954, and also tonnage approximate grade, and destination of the shipments.

This can be handled at the time of the next regular inspection.

(signed) W. H. King

400

JUN 10 1954

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Company
Good Fortune Group
Platte County, Wyoming
Contract No. Idm-2578

Dear Mr. King:

The engineer's narrative report for April 1954 states that the Heavy Media plant recently installed by the Operator has been in operation for more than a month treating low-grade ore previously stockpiled and material from an old Colorado Fuel and Iron Corporation dump that is located on property controlled by the contractor.

Will you kindly advise the Operator that all of this production is subject to royalty payments to the Government under the terms of the contract.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

J. H. Hedges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

cc: Docket
Code 400
Oper. Committee
Adm. Read. File
J. M. Forbes, USBM
Mrs. Martha Carr, USGS

JHopkins/ls
6/9/54

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Company
Good Fortune Group
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. King:

The engineer's narrative report for April 1954 states that the Heavy Media plant recently installed by the Operator has been in operation for more than a month treating low-grade ore previously stockpiled and material from an old Colorado Fuel and Iron Corporation dump that is located on property controlled by the contractor.

Will you kindly advise the operator that all of this production ~~us if any of this ore is to be considered~~ is subject to royalty payments to the Government under the terms of the contract.

Sincerely yours,

Chairman, Operating Committee

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Royalty

224 New Customhouse
Denver 2, Colorado

May 27, 1954.

Memorandum

To: W. M. Traver

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty Payments - DMEA Docket 2964 (Iron), Contract Idm-E578, Schroeder Mining Company, Platte County, Wyoming.

Reference is made to the inspecting engineer's memorandum accompanying MF-104 forms for the month of April 1954, which states in part:

"Four thousand tons of concentrates were shipped in April."

According to Annex III of the subject contract, royalty is to be paid on all production from the twelve claims listed in Article 2 and described in Annex I from the date of the contract, August 7, 1954.

Please have your engineer determine for us if any production has been made from lands described in the contract since August 7, 1954, and also tonnage approximate grade, and destination of the shipments.

This can be handled at the time of the next regular inspection.

W H King
W. H. King

RDB:cwm

cc: Royalty File E578
Secretary to the Oper. Comm. (2)
Chron.
RDBerkenkotter

JAN 28 1954

400

Schroeder Mining Company
c/o Mr. M. M. Cooney
Clewell, Cooney & Fuerste
705 Roshek Building
Dubuque, Iowa

Re: Docket No. DMEA 2964 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune and
Nightingale mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. Cooney:

Enclosed is the Operator's copy of an "Assignment of Contract, Assignee's Acceptance, and Government's Consent" executed by the Government.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

FARutledge/ls

1/27/54

cc: Docket
FT, Reg. 4
Code 400
Adm. Read. File
J. M. Forbes, USBM
Martha Carr, USGS

400

JAN 28 1954

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 2954 - Iron
Schroeder Mining Co. (Assignee)
Good Fortune and
Nightingale Mines
Platte County, Wyoming
Contract No. Idm-E578

Dear Mr. King:

Enclosed are the Field Team copy and the Finance Office copy of an "Assignment of Contract, Assignee's Acceptance, and Government's Consent" executed in full. The Operator's copy has been sent direct to the Schroeder Mining Co., c/o Mr. M. M. Cooney, Clewell, Cooney & Fuerste, 705 Roshek Building, Dubuque, Iowa.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

J. H. Hedges

Member, Bureau of Mines

s/ Philip W. Guild

Member, Geological Survey

cc; Docket
FT, Reg. 4
Code 400
Adm. Read. File
Operating Comm.
J. M. Forbes, USBM
Martha Carr, USGS

FARutledge/ls
1/27/54

CROSS REFERENCE

(See Official Docket for following)

Letter dated Jan. 21, 1954, to DMEA by M. M. Cooney,

sending us original and 5 copies of assignment from E. C. Schroeder Co., Inc., to Schroeder Mining Co. (& not Horizon Moning Co., as originally named).

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE ELECTRIC POWER ADMINISTRATION
WASHINGTON 25, D. C.

ORIGINAL TO DOCKET

C O P Y

400

CLEWELL, COONEY AND FUERSTE
LAW OFFICES
705 ROSHEK BUILDING
DUBUQUE, IOWA

RECEIVED 11/2/53

October 30, 1953

legal will [illegible]

WSM
11/4/53

Mr. C. O. Mittendorf, Administrator
Defense Minerals Exploration Administration
U. S. Department of Interior
Washington 25, D. C.

Dear Sir:

I am the attorney for the E. C. Schroeder Co., Inc. of McGregor, Iowa, who entered into an Exploration Project Contract, Number 1DM-E578, Docket No. DMEA 2964, on August 7, 1953, providing for the exploration for ~~iron ore~~ on the Good Fortune and Nightingale Groups of mining claims in Platte County, Wyoming.

The Company has been operating the Good Fortune mine situated on the Good Fortune group for a period of more than a year. The ore is being mined by the open pit method. It is crushed and shipped to the furnaces without beneficiation. The ore that is presently being shipped averages approximately 58% iron content. There is a considerable amount of iron ore in the deposit which, if beneficiated and the rock removed, would test up around 58% or 59%. Consequently the Company has decided to erect a beneficiation plant. This necessitates a considerable outlay of money and in order not to take working capital from its other operations the Company has decided to sell a one-half interest in its Wyoming operation and assets to the S. J. Groves & Sons Company, contractors and engineers of Minneapolis, Minnesota, who have had considerable mining experience. The assets of the Wyoming operation will be exchanged for stock in the Horizon Mining Co,, a Delaware corporation. One-half of the outstanding stock will be owned by E. C. Schroeder Co., Inc. and one-half by the S. J. Groves & Sons Company. The management will continue the same and the corporation will have adequate working capital.

In view of the proposed sale of its Wyoming assets to the Horizon Mining Co. the E. C. Schroeder Co., Inc. respectfully requests permission to assign its Exploration Project Contract to the said Horizon Mining Co.

We will appreciate hearing from you.

E. C. SCHROEDER CO., INC.

By: M. M. Cooney
Its Attorney

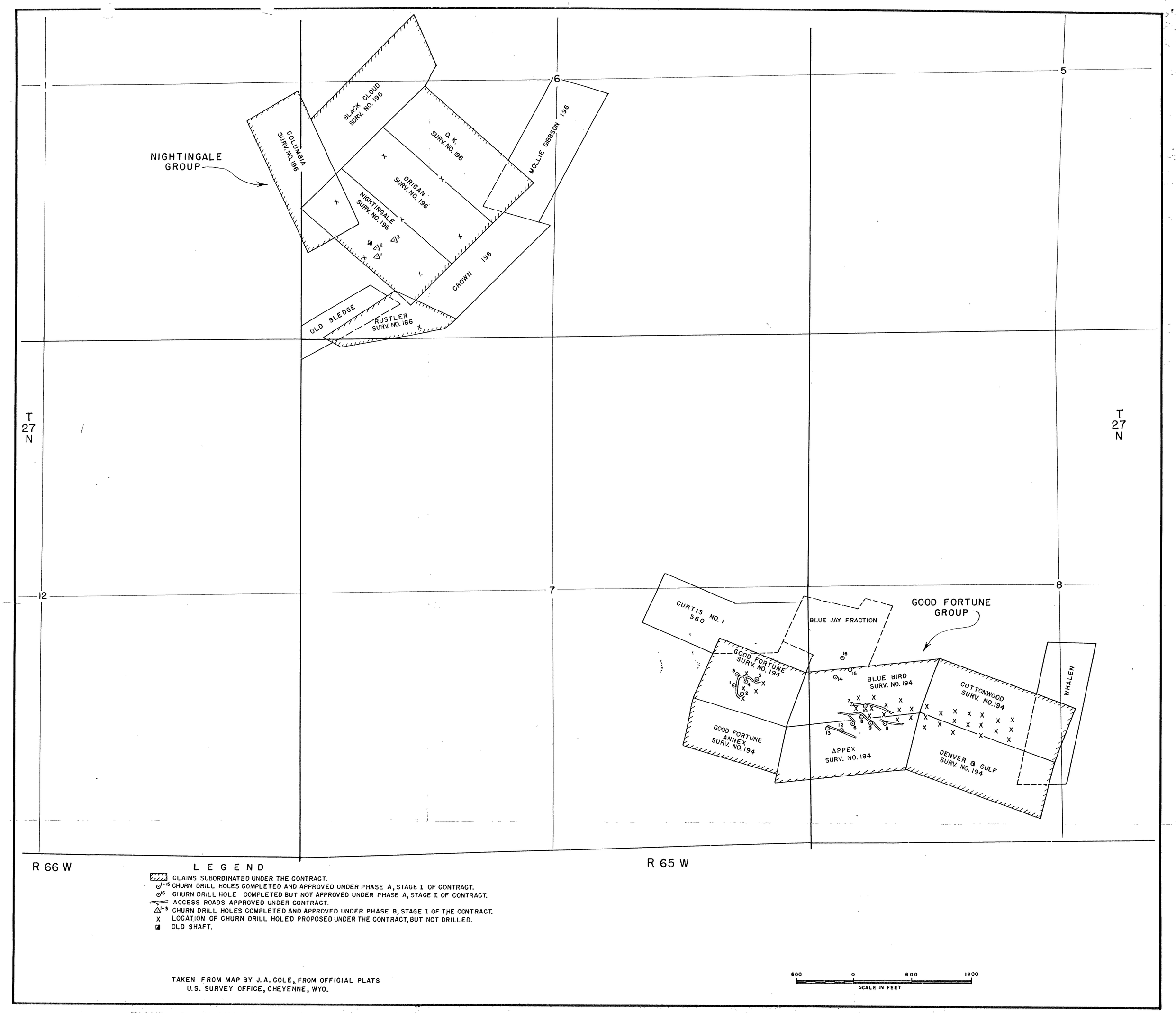


FIGURE 2 – CLAIM AND EXPLORATION MAP, SCHROEDER MINING CO., GOOD FORTUNE AND NIGHTINGALE GROUPS, PLATTE COUNTY, WYO. DMEA 2964

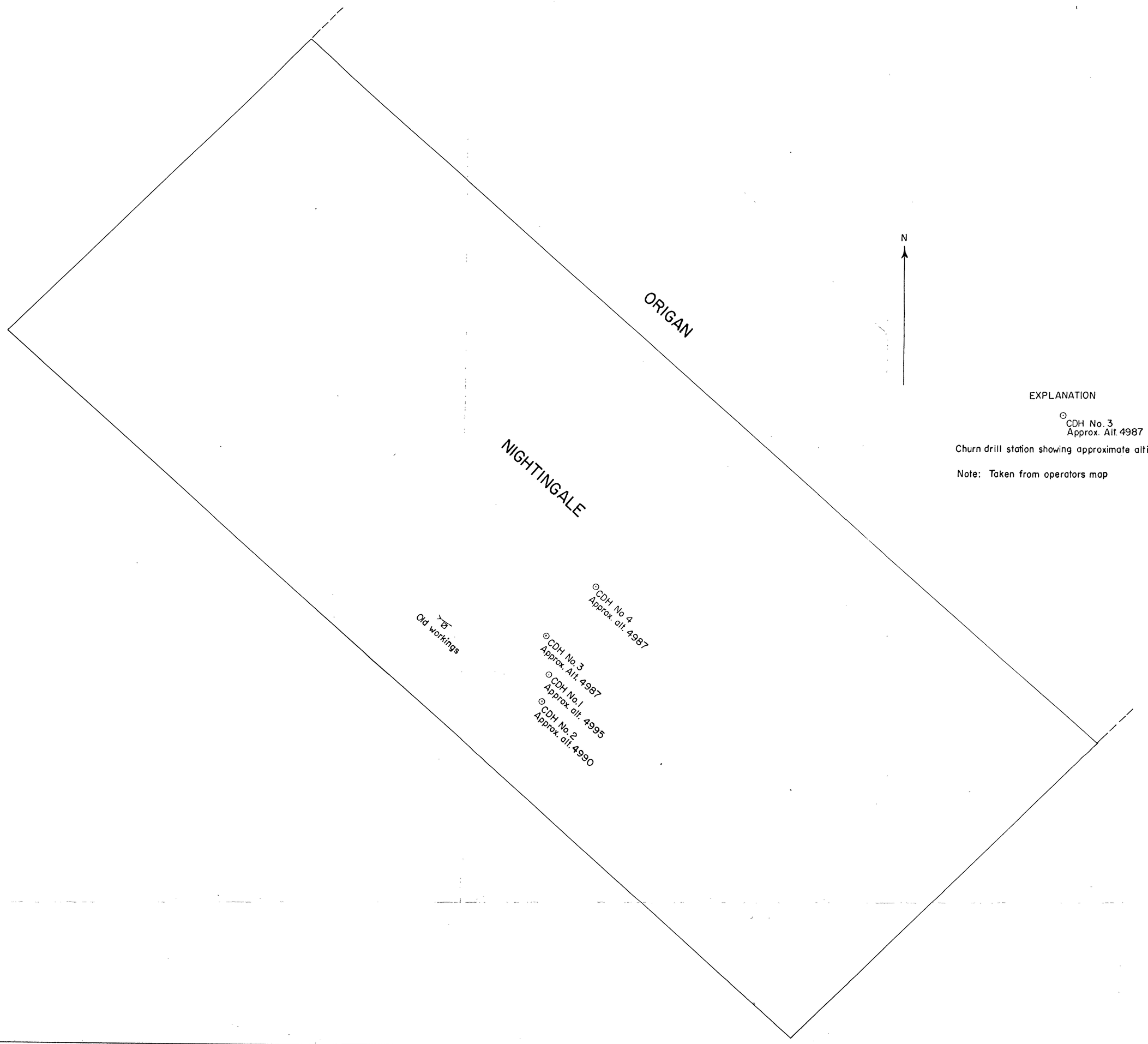


FIGURE 4—PLAN SHOWING LOCATION OF CHURN DRILL HOLES, NIGHTINGALE CLAIM, SCHROEDER MINING COMPANY, PLATTE COUNTY, WYOMING

100 50 0 100 Feet

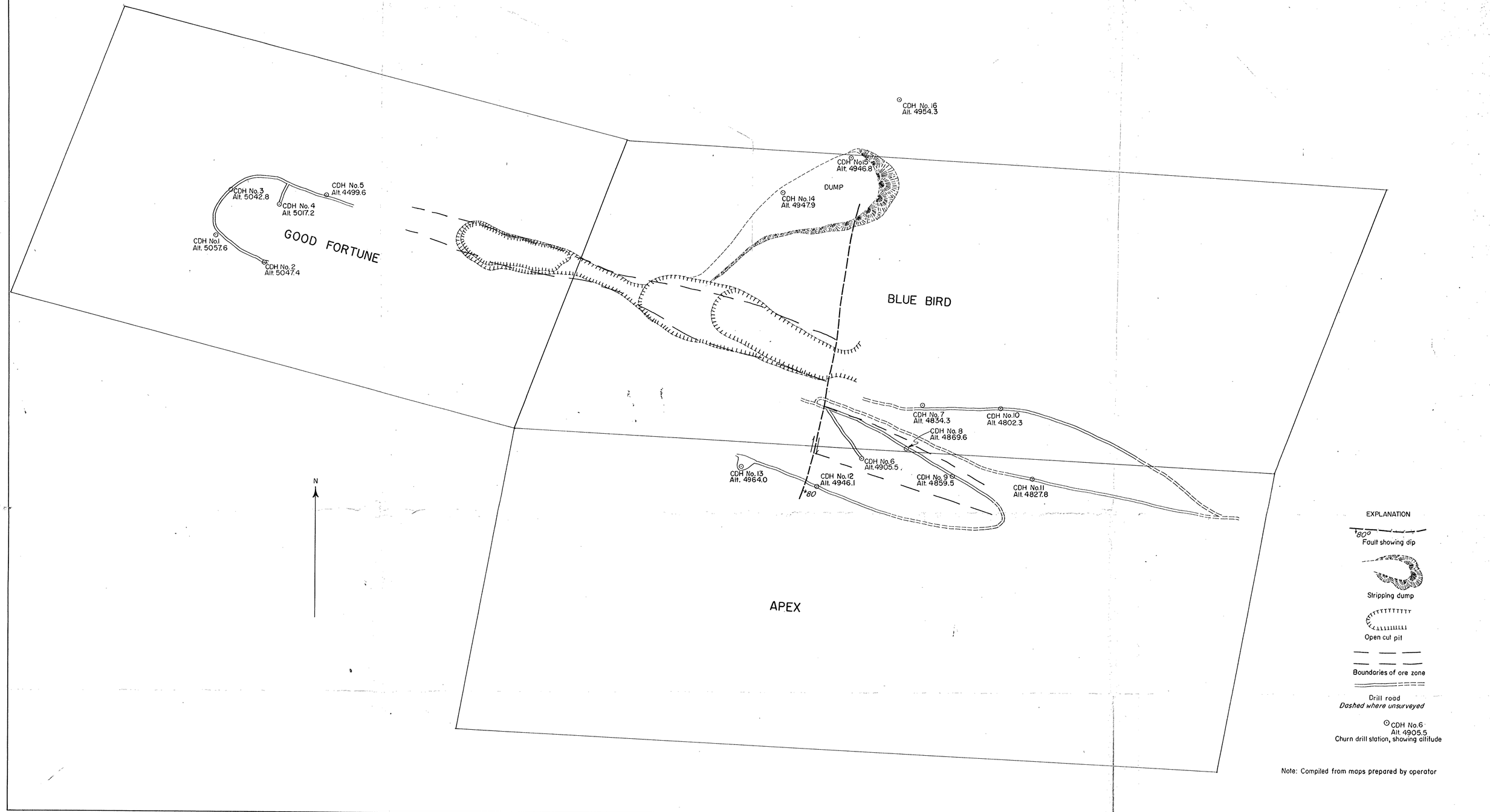
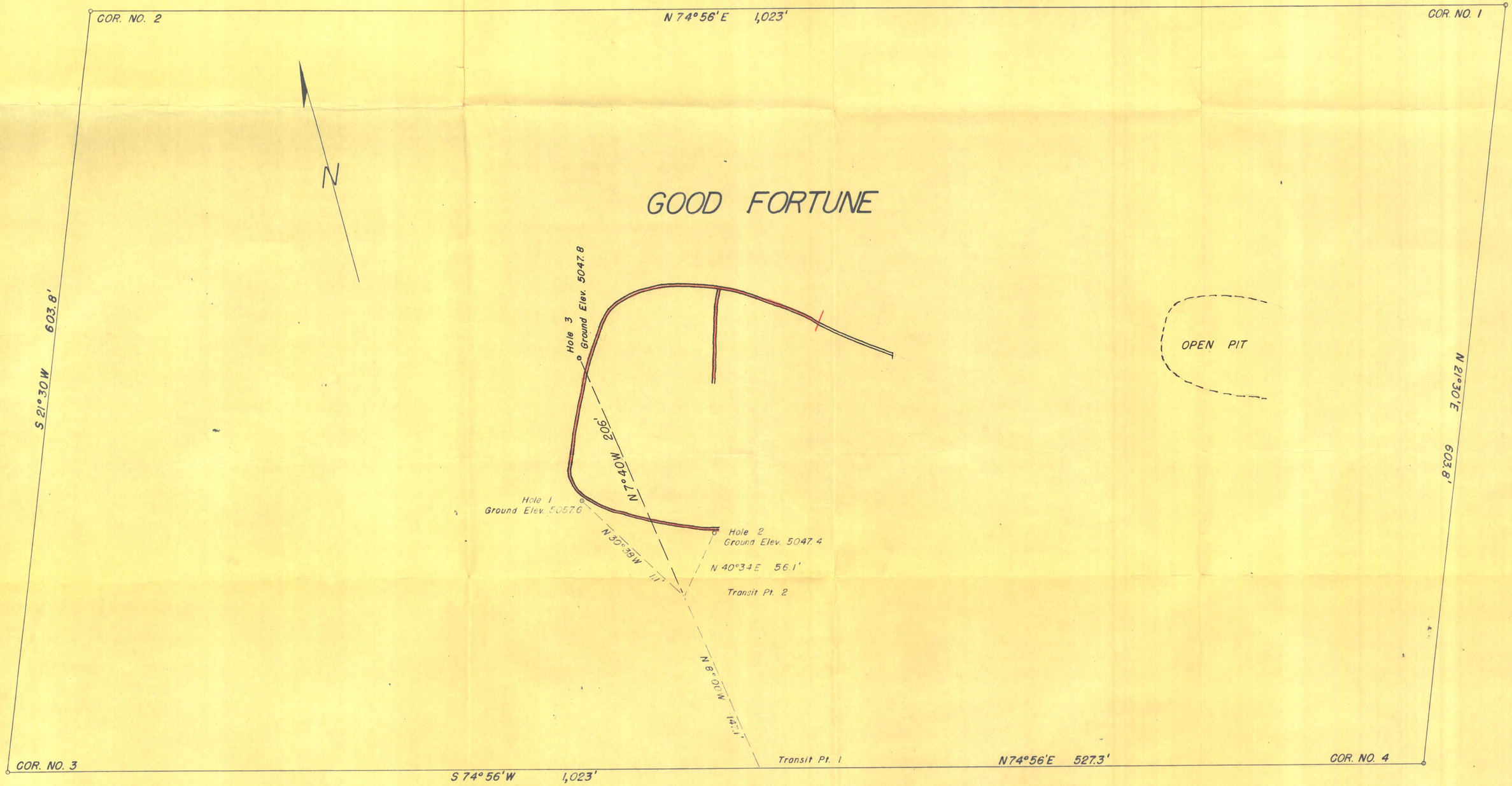


FIGURE 3 —. MAP SHOWING LOCATION OF OPEN CUT PIT, CHURN DRILL HOLES, AND ORE ZONE, GOOD FORTUNE CLAIM GROUP, SCHROEDER MINING COMPANY, PLATTE COUNTY, WYOMING



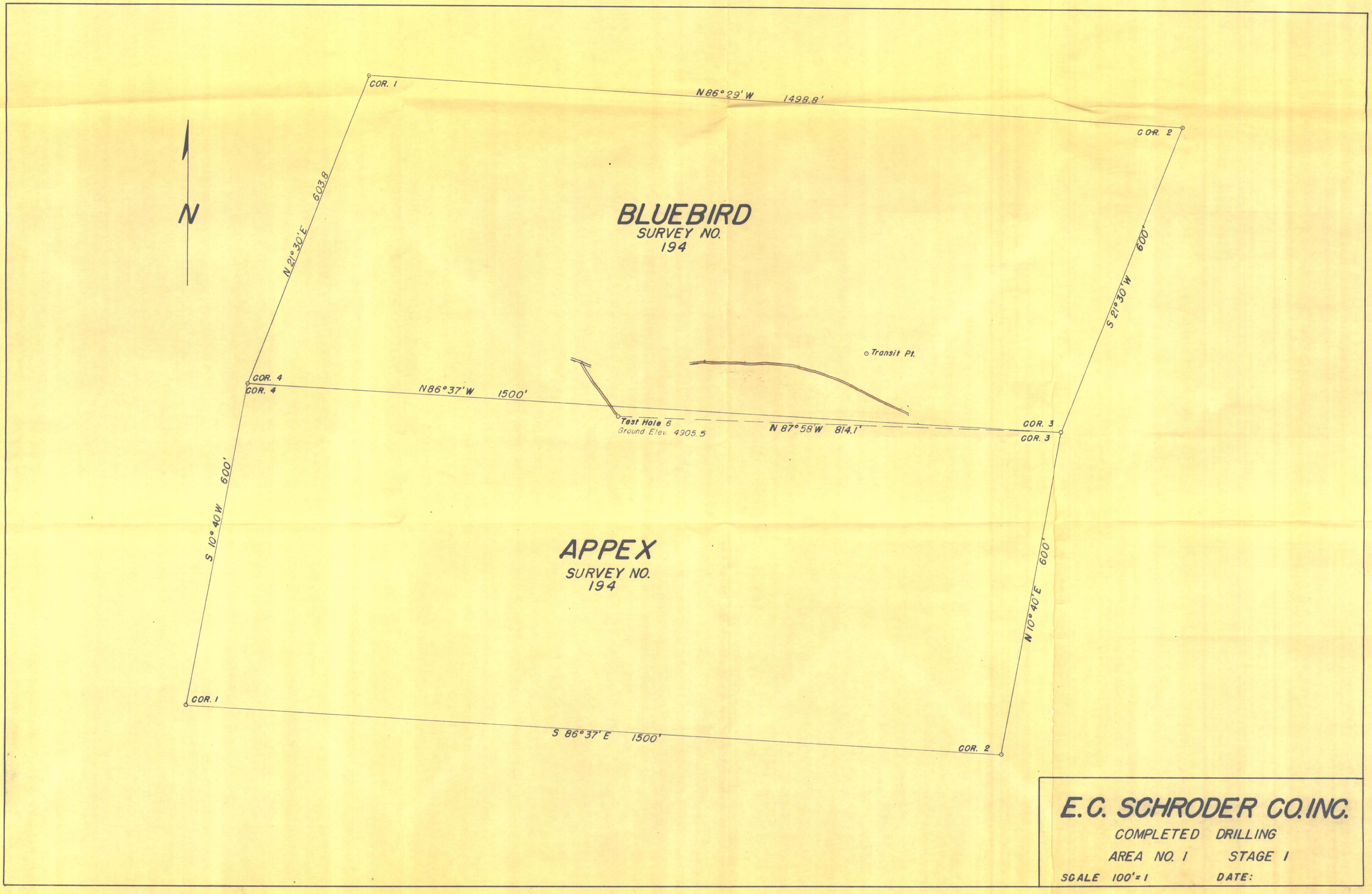
NOTE: BEARINGS AND DISTANCES OF CLAIM FROM MINERAL SURVEY NO. 194

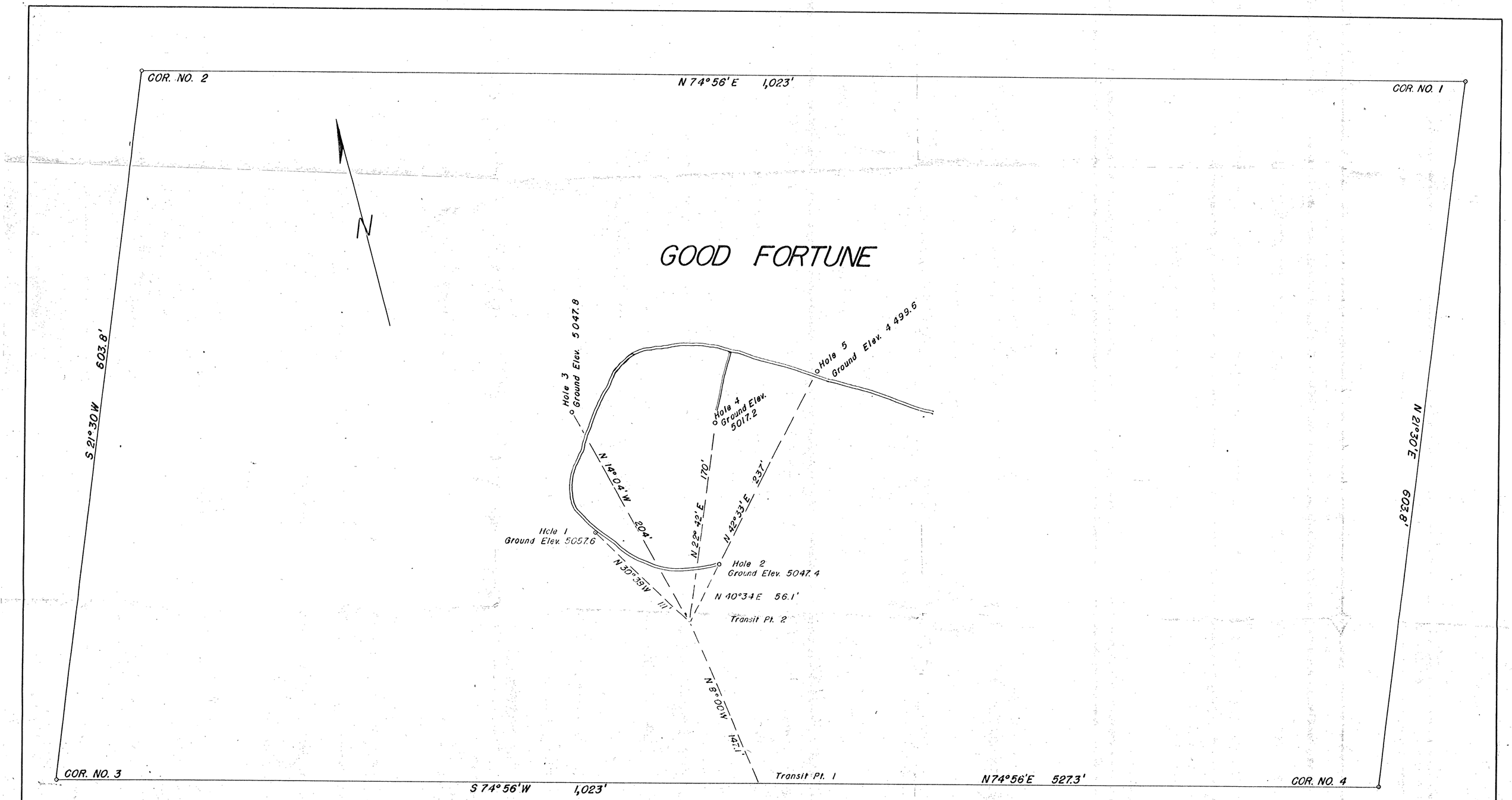
E. C. SCHRODER CO. INC.

COMPLETED DRILLING

AREA NO. 1 STAGE 1

SCALE 50' = 1 DATE NOV. 30, 1953


N
COR. 1
N 86° 29' W 1498.8'
COR. 2
N 21° 30' E 603.8
S 21° 30' W 600'
BLUEBIRD
SURVEY NO.
194
Transit Pt.
COR. 4
COR. 4
N 86° 37' W 1500'
Test Hole 6
Ground Elev. 4905.5
N 87° 58' W 814.1'
COR. 3
COR. 3
S 10° 40' W 600'
N 10° 40' E 600'
APPEX
SURVEY NO.
194
COR. 1
S 86° 37' E 1500'
COR. 2
E.C. SCHRODER CO. INC.
COMPLETED DRILLING
AREA NO. 1 STAGE 1
SCALE 100' = 1
DATE:



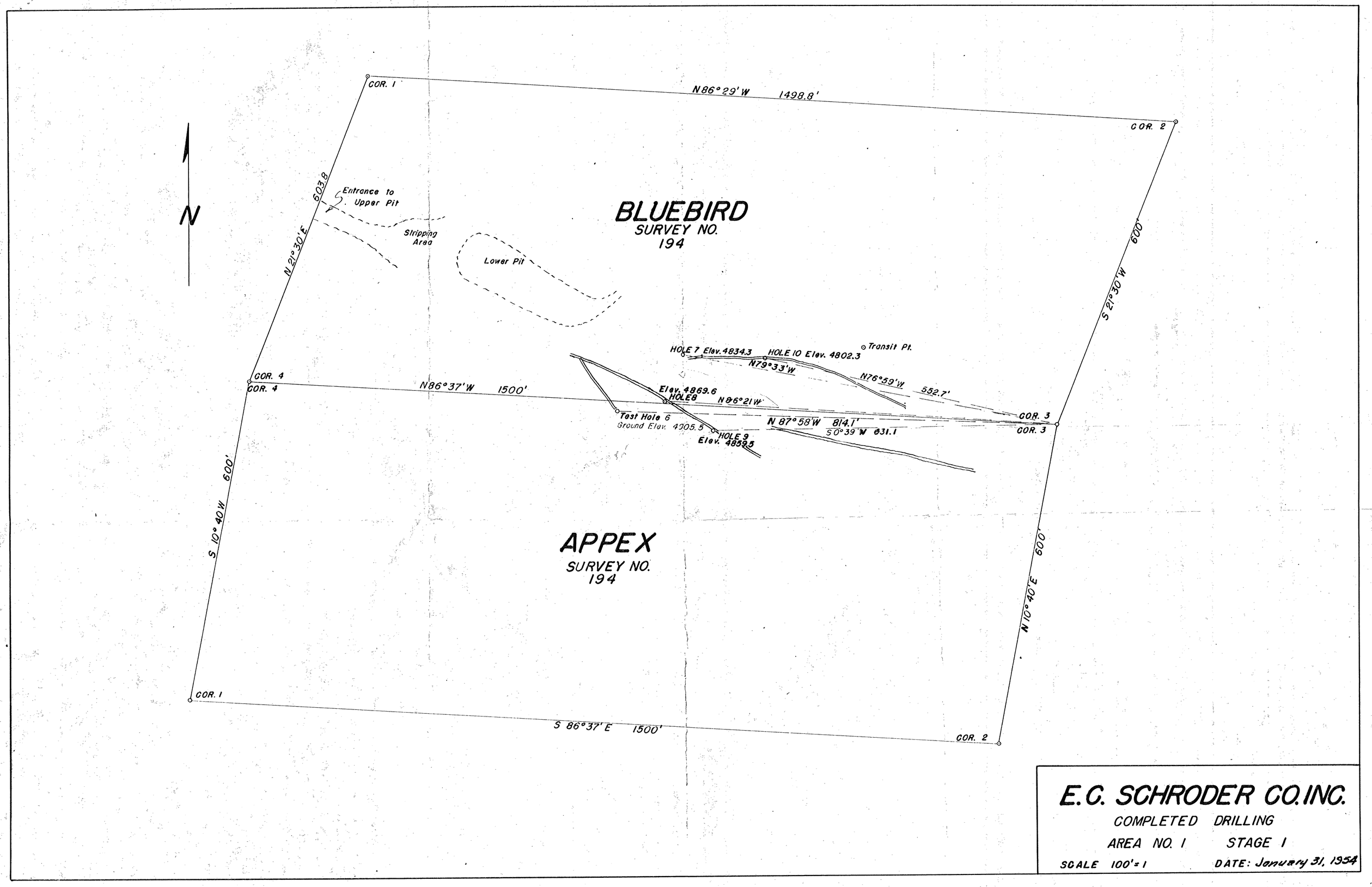
NOTE: BEARINGS AND DISTANCES OF CLAIM FROM MINERAL SURVEY NO. 194

E. C. SCHRODER CO. INC.

COMPLETED DRILLING

AREA NO. 1 STAGE 1

SCALE 50' = 1 DATE DEC. 31, 1953

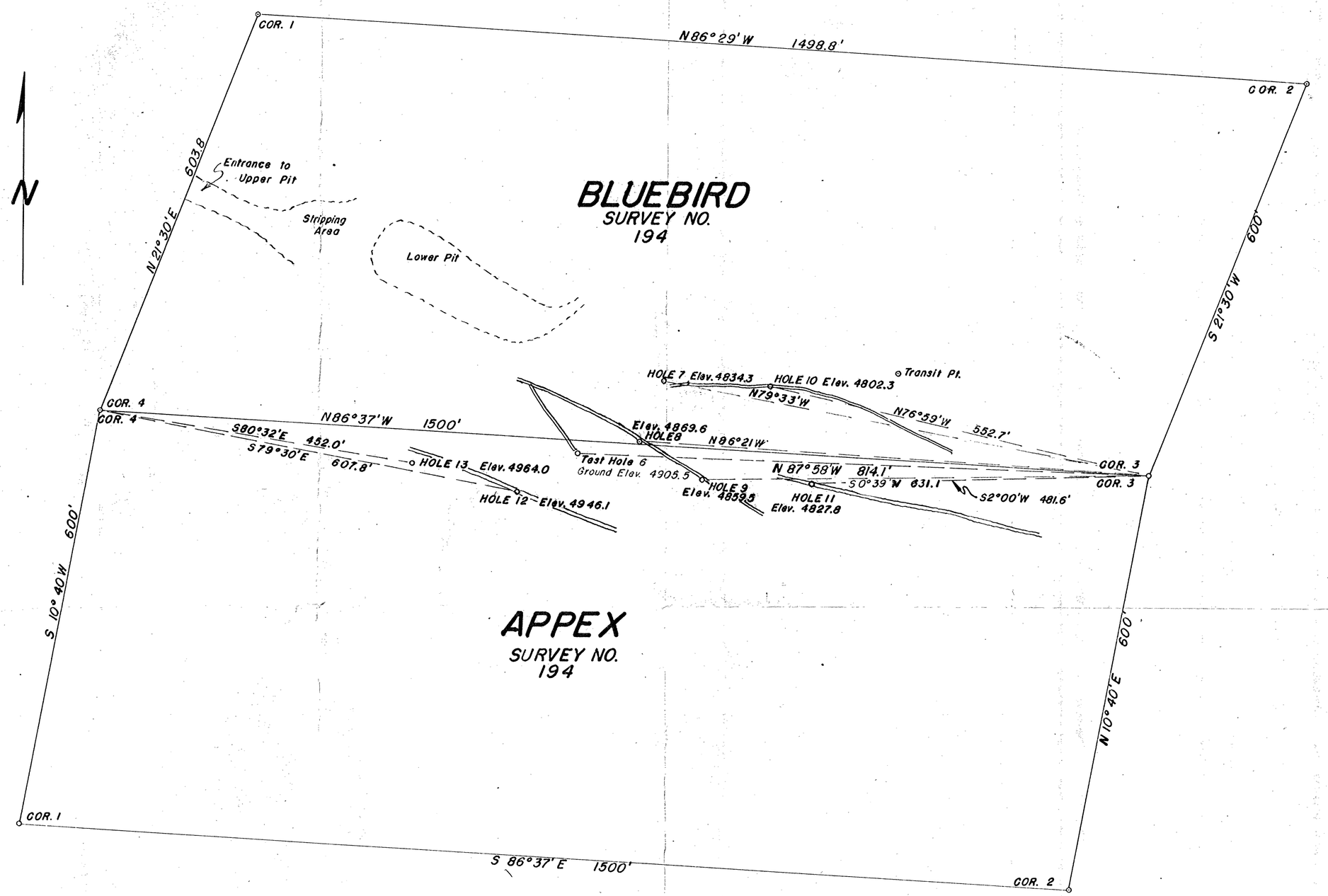


E.C. SCHRODER CO. INC.

COMPLETED DRILLING

AREA NO. 1 STAGE 1

SCALE 100' = 1 DATE: January 31, 1954

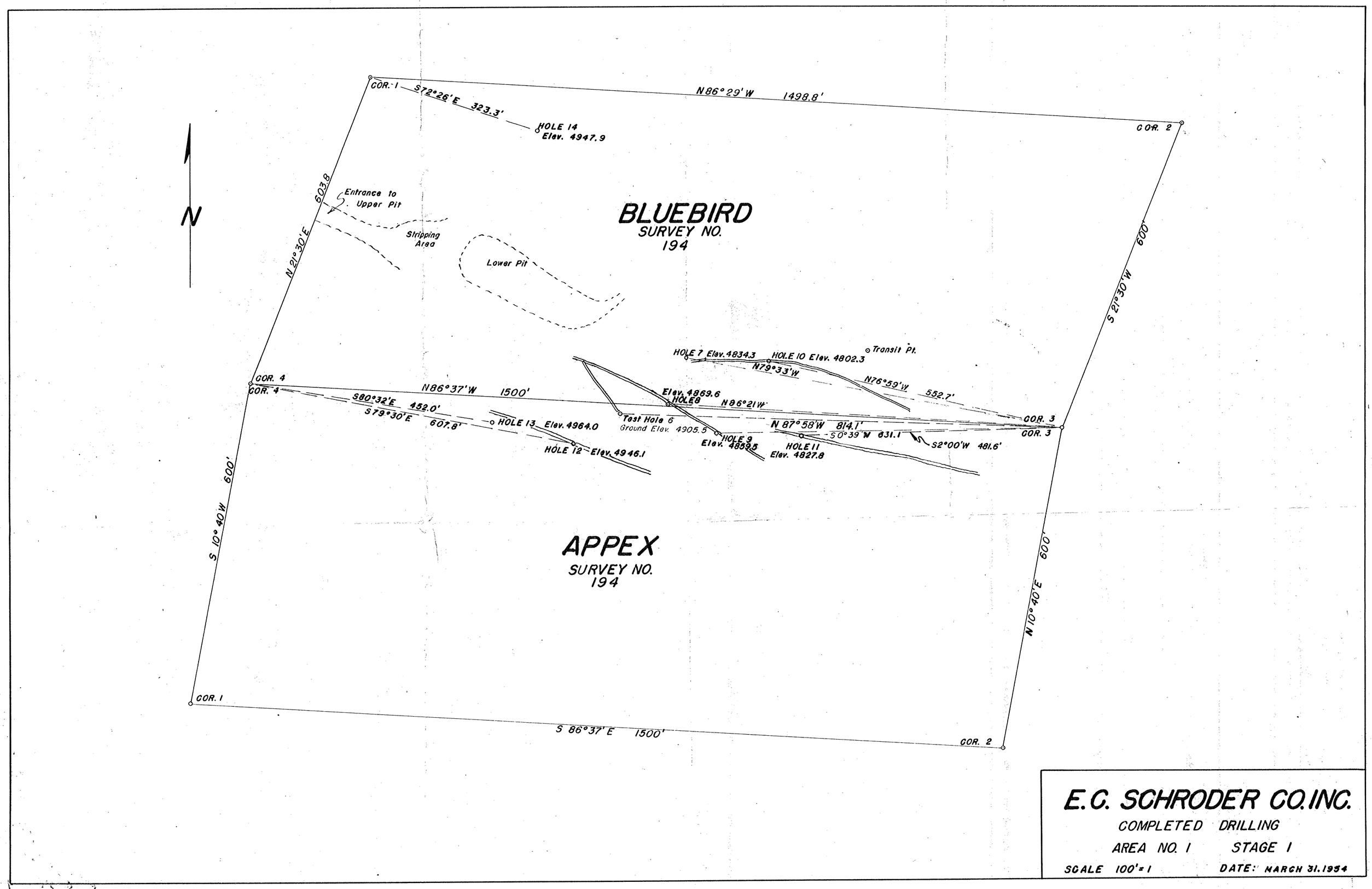


E.C. SCHRODER CO. INC.

COMPLETED DRILLING

AREA NO. 1 STAGE 1

SCALE 100' = 1 DATE: February 28, 1954

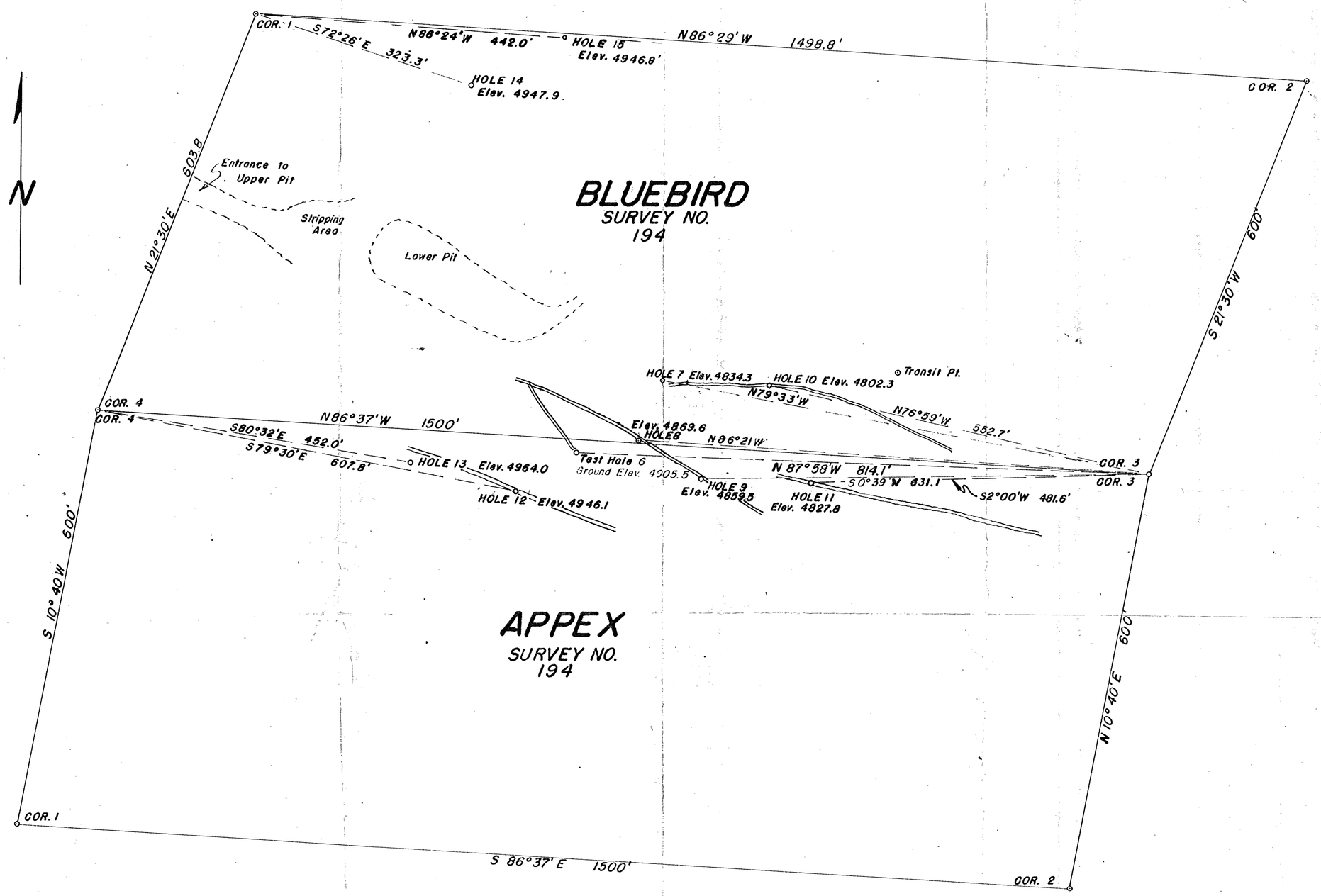


E.C. SCHRODER CO. INC.

COMPLETED DRILLING

AREA NO. 1 STAGE 1

SCALE 100'=1 DATE: MARCH 31. 1954

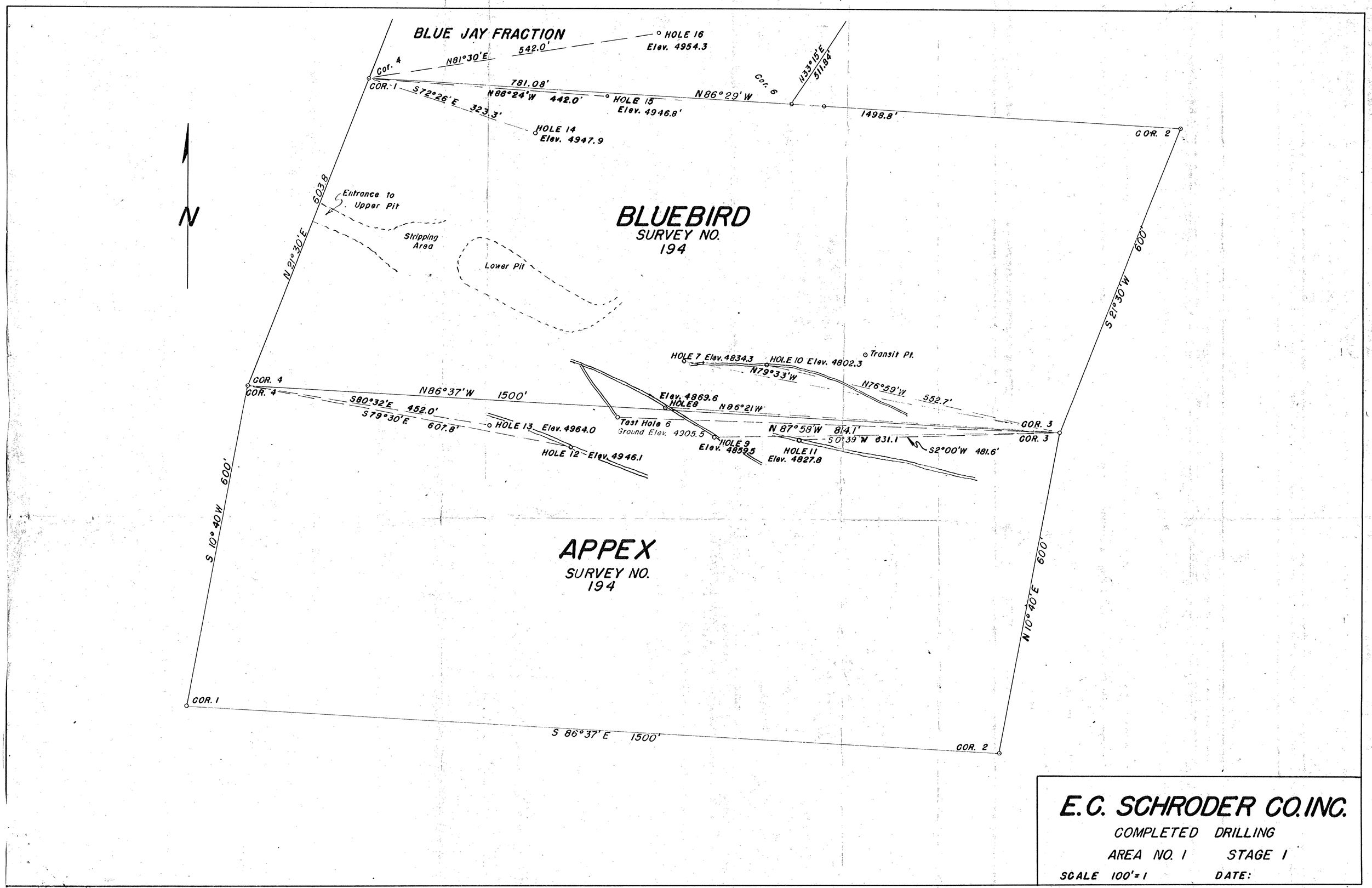


E.C. SCHRODER CO. INC.

COMPLETED DRILLING

AREA NO. 1 STAGE 1

SCALE 100'=1 DATE:

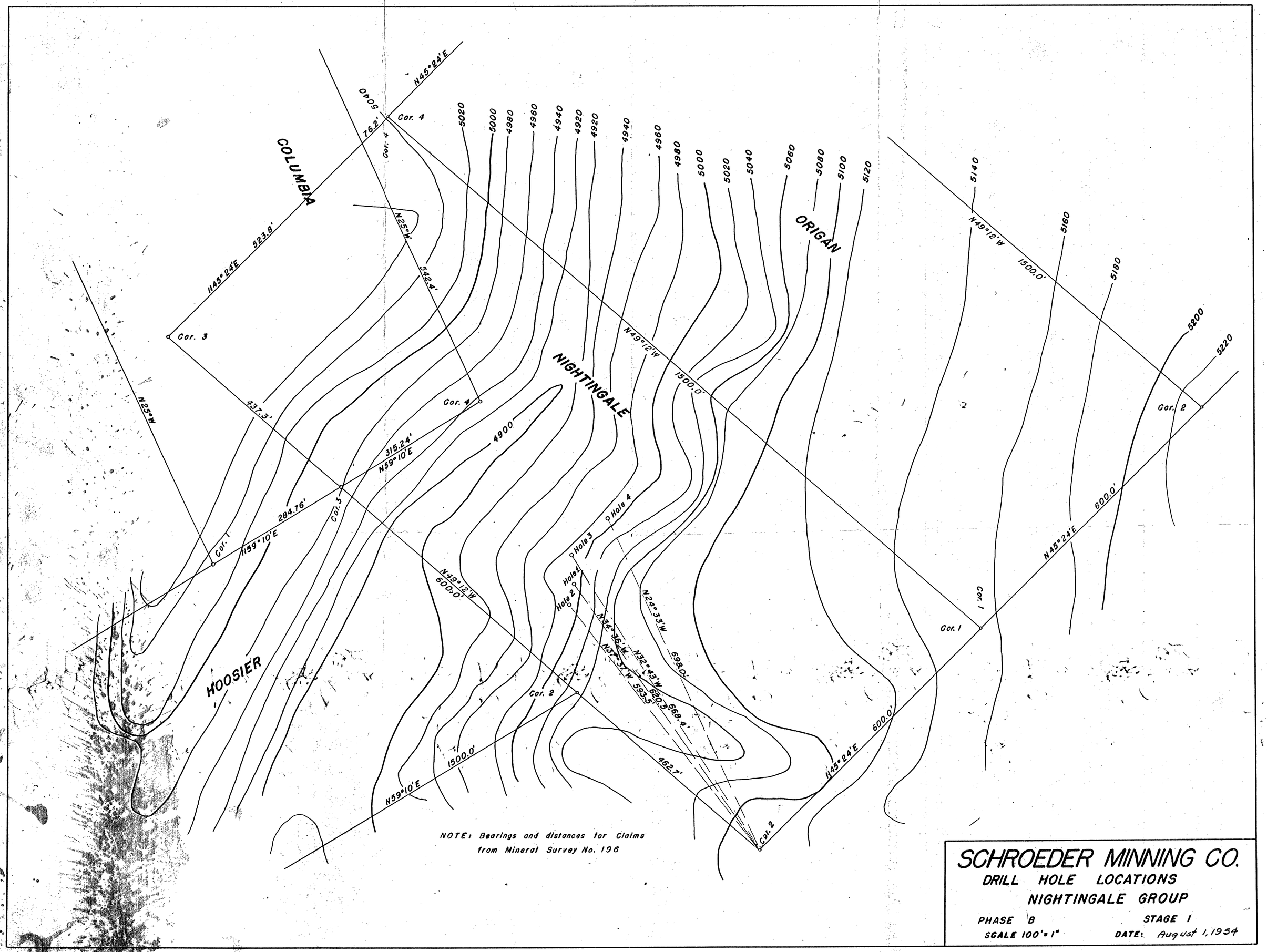


E.C. SCHRODER CO. INC.

COMPLETED DRILLING

AREA NO. 1 STAGE 1

SCALE 100'=1 DATE:



NOTE: Bearings and distances for Claims from Mineral Survey No. 196

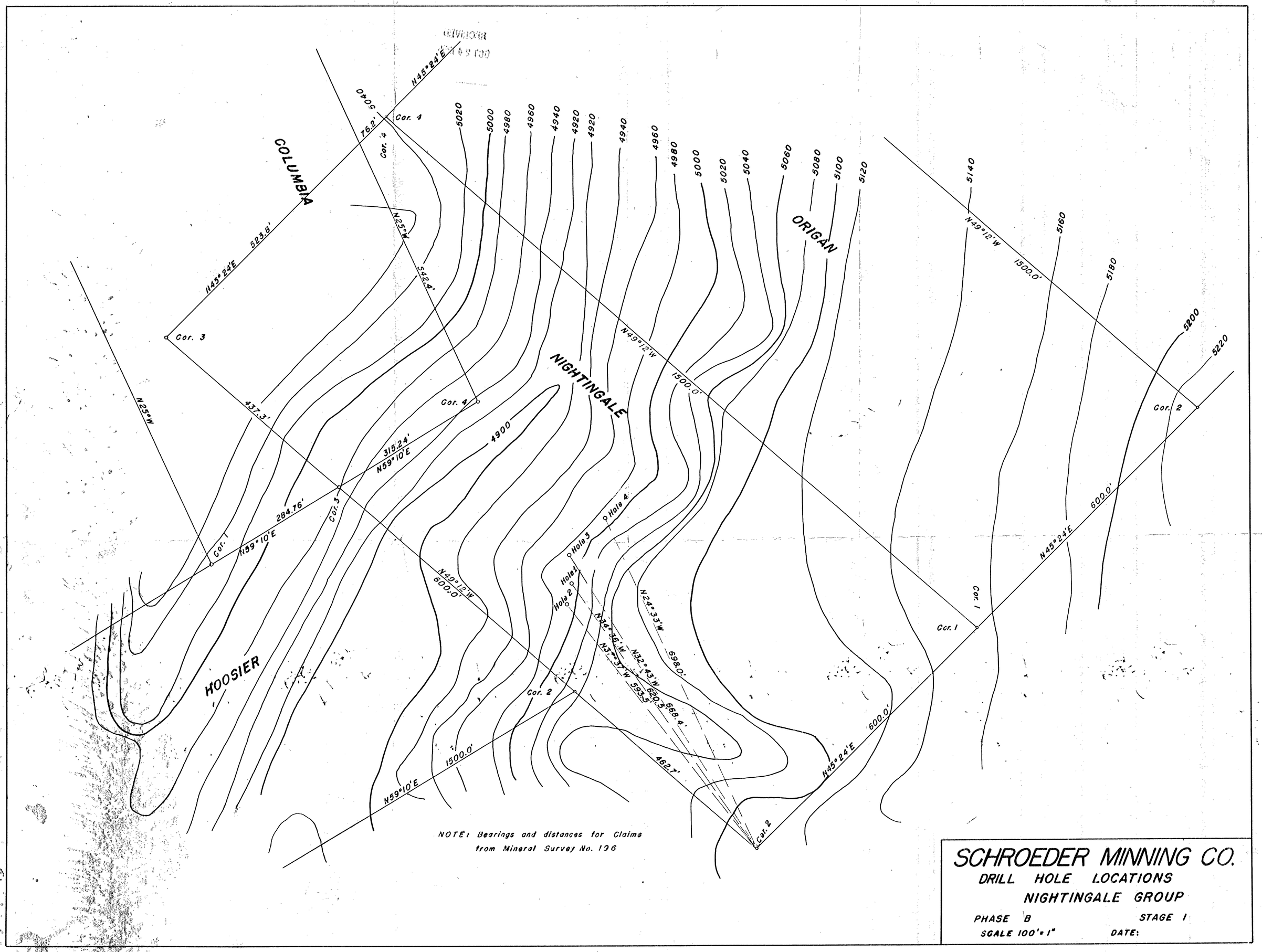
SCHROEDER MINNING CO.

DRILL HOLE LOCATIONS

NIGHTINGALE GROUP

PHASE B — STAGE 1

SCALE 100' = 1" — DATE: August 1, 1954



NOTE: Bearings and distances for Claims from Mineral Survey No. 196

SCHROEDER MINNING CO.

DRILL HOLE LOCATIONS
NIGHTINGALE GROUP

PHASE B STAGE 1

SCALE 100' = 1" DATE: