4981

E-1218

For royalty payment of $4,218.56, dated 1/14/66, see transmittal letter file.

4981

E-1218

For royalty payment of $5,046.73, dated 12/14/65, see transmittal letter file.

4981

E-1218

For royalty payment of $3,097.21, dated 11/15/65, see transmittal letter file.

4981

E-1218

For royalty payment of $2,236.01, dated October 11, 1965, see transmittal letter file.

For royalty payment of $2,601.13, dated September 16, 1965, see transmittal letter file.

E-1218

For royalty payment of $1,619.36, dated August 23, 1965, see transmittal letter file.

E-1218

For royalty payment of $484.89, dated July 27, 1965, see transmittal letter file.

E-1218

For royalty payment of $3,021.65, dated July 19, 1965, see transmittal letter file.

E-1218

For royalty payment of $3,328.93, dated June 16, 1965, see transmittal letter file.

ROYALTY
AUDIT REPORT

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT CERTIFICATE

I have examined the production and royalty accounts and records pertaining to the value of concentrates produced for the period April 10, 1964, through April 30, 1965, by Hecla Mining Company, Box 320, Wallace, Idaho, from ore mined from Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-E1218, Docket DMEA-4981 (lead-zinc-copper), dated June 23, 1958, as amended, with

New Park Mining Company
907 Walker Bank Building
Salt Lake City, Utah

My examination was made in accordance with generally accepted standards applicable in the circumstances.

This audit established the total value of concentrates applicable to mine production during this period subject to Government royalty to be $357,066.21. Royalty payable to the Government at the rates specified in the contract is $17,853.31.

A prior royalty audit report dated April 29, 1964, found the value of ore and concentrates subject to royalty reported through April 9, 1964, to be $938,303.11 which added to the sales for the subsequent period make a total of $1,295,369.32. The royalty account as of April 9, 1964, was

Total Royalty Payable	$46,784.35
Total Royalty Paid	46,784.35
Balance of Royalty Due	$ -0-

As of May 28, 1965, the royalty account of this project was found to be:

Total Royalty Payable	$64,637.66
Total Royalty Paid	64,328.61
Balance of Royalty Due	$ 309.05

C. E. Fisher

C. E. Fisher, OME Auditor

May 29, 1965

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT REPORT

I. INTRODUCTION

On May 28, 1965, an audit was made of the production and royalt accounts and records of Hecla Mining Company, Box 320, Wallace, Idaho, pertaining to the value of concentrates applicable to mine production during the period April 10, 1964, through April 30, 1965, from property known as Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-E1218, Docket DMEA-4981 (lead-zinc-copper), dated June 23, 1956, as amended, with

New Park Mining Company
907 Walker Bank Building
Salt Lake City, Utah

Exploration, development, and mining operatio s were conducted by the Operator (New Park Mining Company) through November 1961. Subsequent operations have been by Hecla Mining Company under an operating agreement with the Operator.

This audit was based on an examination of the production and assay records at the mine office at Heber, Utah, which are maintained by and under the supervision of Mr. John G. Simos, senior geologist, Hecla Mining Company. T. M. Romslo, mining engineer, U.S.B.M., Denver, Colorado, accompanied this auditor and rendered valuable assistance in the conduct of the audit.

II. GENERAL INFORMATION

Article 8 and Annex II of the contract provide that if the Government makes a certification of discovery or development the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2 and Annex I of the contract within a period of 15 years from the date of the contract, or until the total net amount contributed by the Government to the exploration costs without interest is fully repaid, whichever occurs first.

Annex II also provides for the payment by the Operator of royalty on any production, regardless of where it comes from, that is transported through any new workings to the cost of which the Government contributed, or any portion of said workings. Annex II further provides for the payment of a 5 percent royalty on the total transportation charges received by the Operator on any production from outside the boundaries of the land described in Article 2 of the contract transported through such workings, in the event that

neither the Operator nor any subsidiary or affiliate thereof has any interest in such production.

A certification of discovery or development was issued by the Government on April 5, 1962.

A Report of Review in lieu of final cost audit dated May 17, 1962, found acceptable costs under the exploration contract to be $266,044.06 with the Government's contribution, on a 50 percent basis, being $133,022.03.

The land under the contract consists of all or portions of 23 patented and 3 unpatented claims located in sec. 34, T. 2 S., R. 4 E., Salt Lake Meridian, Blue Ledge Mining District. Excluded, however, is the area of the claims above the 1380 level and east of a vertical plane at approximately 2,120 feet, S. 65 degrees W. of the Mayflower shaft. At the time the contract was executed the Operator owned part of the land and leased the remainder from the United States Smelting, Refining and Mining Company, which company executed a Consent to Lien and Subordination Agreement on June 13, 1958.

III. SCOPE OF AUDIT AND FINDINGS

Prior to the on-site audit a statement of royalty received during the period covered by this audit was prepared from copies of monthly statements received by the OME office in support of remittances by Hecla Mining Company during the period covered by this audit. All of the data included in the statement were confirmed by detailed recomputation. This statement, which is filed as part of my audit work papers, was reconciled with the production records in the mine office during the on-site audit.

In my opinion Mayflower Mine maintains adequate, reliable and precise production records based on tonnage and assays of crude ore recovered from the various stopes, raises, etc. The assays are adjusted monthly based on milling results and the value per ton of crude ore from each area is determined based on current receipts from sales of concentrate and applied to compute the value of ore taken from a stope, raise, etc. This is done throughout their operation and is their standard practice.

The mill records reflect such things as tons of concentrates produced, recovery factors, etc. However, the extra time and work required to convert per ton of ore values into per ton of concentrate values was not deemed justifiable for OME purposes only.

Mr. Romslo made an underground inspection of the mine in the company of Mr. George L. Wilhelm, general superintendent. The mine maps were inspected by those gentlemen and this auditor for the purpose of determining whether the production from all areas subordinated under the contract were being included in the production on which royalty was being paid to the Government. This investigation indicated that all production from subordinated areas has been assigned to the production on which royalty was paid.

It was determined that there has not been any production by the Operator or by others from outside of the subordinated area and transported through "new workings" to the cost of which the Government contributed on which royalty would be payable to the Government. Also, it was determined there had been no production above the 1880 level and east of a vertical plane at approximately 2,120 feet, S. 65 degrees W. of the Mayflower shaft, although Mr. Wilhelm stated there was a possibility of such production on the 1500 level at some future date and that royalty would be paid on such production, when and if, it should materialize.

It was noted that in computing and paying royalty for February, March, and April 1965, certain computations relating to development ore were made at rates of royalty of less than 5 percent resulting in underpayments to the Government aggregating $309.05 determined as follows:

Month	Production Area	Tons of Ore	Net Smelter Value Per ton ore	Net Smelter Value Total	Royalty Rate	Royalty Amount
Feb. 1965	20-917 Dr.	345	$ 8.78	$ 3,028.76	2%	$ 60.58
Mar. "	20-880 Rse.	599	8.58	5,136.43	2%	102.73
Apr. "	20-880 Rse.	427	3.84	1,638.83	1½%	24.58
" "	20-917 Rse.	63	10.70	673.85	4%	26.95
Total smelter value and royalty paid				$10,477.87		$214.34
Royalty due - Concentrate basis						523.89
Underpayment of royalty						$309.05

As set forth in my royalty audit report dated May 1, 1963, the Government's royalty should be computed on the basis of sales of concentrates rather than sales of ore and would warrant the application of the 5 percent rate as the value of the concentrates is well in excess of $11.50 per ton.

IV. CONCLUSION

A summary analysis of production, value thereof, and royalty payable and paid under the provisions of this exploration contract follows:

Period	Ore Tons	Value of Production	Royalty Payable
New Park Mining Company			
June 23, 1958, thru Nov. 30, 1961	20,779	$418,690.16	$20,880.97
Hecla Mining Company			
Dec. 1, 1961, thru Mar. 31, 1964	19,583	519,612.95	25,903.38
Totals - Prior audit	40,362	$938,303.11	$46,784.35
Apr. 1, thru Apr. 30, 1965	13,448	357,066.21	17,853.31
Totals	53,810	$1,295,369.32	$64,637.66
Royalty paid			64,328.61
Balance of Royalty Due			$ 309.05

This audit has determined that as of May 28, 1965, all production through April 30, 1965, on which the Government is entitled to royalty has been accounted for and proper royalty has been paid except as noted above.

C. E. Fisher, OME Auditor

May 29, 1965

Bldg. 20, Denver Federal Center
Denver, Colo. 80225

June 28, 1965

New Park Mining Co.
907 Walker Bank Bldg.
Salt Lake City, Utah

Subject: DMEA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Idm-E1218

Gentlemen:

Attached is a copy of the Royalty Audit Certificate and Royalty Audit Report dated May 29, 1965. This shows the balance of royalty due is $309.05.

Will you please forward this office your check for $309.05 to bring the royalty account to balance.

Yours very truly,

Hugh M. Connors
Acting Field Officer, OME
Region III

Enclosures

H.M.Connors (6-28-65)
cc: G. C. Selfridge
C. E. Fisher
E1218
Chron

Bldg. 20, Denver Federal Center
Denver, Colo. 80225

June 28, 1965

Memorandum

To: Fiscal Section, Office of Management Operations
Office of the Secretary, U.S. Department of the Interior
Washington, D. C. 20240

From: Acting Field Officer, OME, Region III

Subject: DMRA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Idm-E1218

Attached is the original Royalty Audit Certificate and Royalty Audit Report dated May 29, 1965.

Hugh M. Connors

Attachment

H.M.Connors (6-28-65)
cc: G. C. Selfridge
C. E. Fisher
E1218
Chron

JUN 8 2 [illegible]

Memorandum

To: Acting Field Officer, Region III

From: Contract Administration and Audit Division /s/ C. E. Fisher

Subject: DMEA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Idm-E1218

The original and two copies of a Royalty Audit Certificate and Royalty Audit Report covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Office of Management Operations, Office of the Secretary, U. S. Department of the Interior, Washington, D. C. 20240;

(b) One copy for the Operator; and

(c) One copy for your files.

As evidence of your concurrence, a copy of your letter transmitting the Operator's copy of the report should be furnished to this Division. If for any reason you do not concur, the original and both copies of the report should be returned to this Division with your comments.

Enclosures

CEFisher/fh/6/11/65

cc:
Docket
Director's reading file
CA & A Division
Fiscal Section

MME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address

New Park Mining Company

Mayflower Mine

Wasatch County, Utah

Contract No.	Docket No.
Idm-E 1218	DMEA-4981

Prepared by (Signature)	Date
T. M. Romslo TMR	June 1, 1965

Yes	No		
	X	1.	(a) Does the Operator stockpile ore subject to royalty repayment?
			(b) If so, is segregation and identification procedure adequate?
X		2.	(a) Does the Operator commingle production subject to DMEA or OME royalties with exempt production?
X			(b) If so, is the allocation of the commingled production equitable?
	X	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?
			(b) If so, are adequate records maintained on such material to protect the Government's interest?
X		4.	Are the assay controls in effect adequate?
	X	5.	Does the manner of disposing of production give the Government its fair royalty returns?
		6.	Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?
	X	7.	Does the Operator buy from or sell to other Operators?

8. Current status of property. (Check one).

- [X] Operating.
- [ ] Inactive.
- [ ] Abandoned.

_____ Date of last production if not operating.

Comment on items 1(b), 2(b), 3(b), and 4 to 6, if answer is No:

(See attached sheet)

cc: Chief, Division of Field Operations
C. E. Fisher, Contract Administration and Audit Division
Royalty Corres. 1218
Chron

84861-60

(2b) Tonnage production is first determined from a record of the number of cars of ore produced from each working place except a stope above the 2005 level that extends to both sides of the property's east boundary lines. Production from this stope, which was recently completed to the 1880 level, was determined from transit surveys and was distributed on a volume basis. Grade production is first determined from grab-sample assays. The tonnages and grades are then adjusted monthly to conform with milling results. A vertical raise driven from the 2200 level to the 2005 level on the property's east boundary line is used as a manway between two stopes. This arrangement allows production to be first determined from car records rather than transit surveys.

(5) Mr. Fisher found royalties were based on the value per ton of ore rather than on the per ton value of concentrates.

Additional information:

1. The 1380 and 1505 levels extend westward into DMEA ground from the vertical plane at approximately 2,120 feet, S 65° W of the Mayflower shaft. The DMEA ground on those levels has not been productive, but some DMEA ore may be produced from 1380 level.

2. The only DMEA ore remaining in a stope between the 2005 and 1880 levels that adjoins the property's east boundary line is a pillar that supports the 1880 drift. The pillar will be mined out when convenient. The stope follows a split off of the Pearl fissure that is designated as vein no. 3. The other veins in this area, nos. 1 and 2, are the Mayflower and Pearl, respectively.

3. Mr. George L. Wilhelm, General Superintendent, who accompanied me during the underground inspection, furnished information about future production from the Mayflower fissure in the area west of the Mayflower shaft. Two diamond drill holes drilled downward from the 2005 level encountered a thick section of D-4 diorite at depths of less than 200 feet. The same diorite was encountered by three horizontal holes (two wing holes and one straight ahead), that were drilled from the west face of the 2005 drift. As a result of these findings the two ore shoots now being worked can be expected to bottom at depths of about 200 feet and 20 feet for the easterly and westerly shoots, respectively. Also, D-4 diorite can be expected in the zone of the favorable Madison formation in the project's no. 2 target that was not reached. Thus, all DMEA Mayflower ore may be mined out within two years.

E-1218

For royalty payment of $1,886.54, dated May 21, 1965, see transmittal letter file.

E-1218

For royalty payment of $2,504.21, dated April 16, 1965, see transmittal letter file.

E-1218

For royalty payment of $2,606.43, dated March 19, 1965, see transmittal letter file.

E-1218

For royalty payment of $1,167.64, dated February 19, 1965, see transmittal letter file.

E-1218

For royalty payment of $905.10, dated January 22, 1965, see transmittal letter file.

E-1218

For royalty payment of $214.00, dated December 18, 1964, see transmittal letter file.

E-1218

For royalty payment of $401.53, dated November 20, 1964, see transmittal letter file.

E-1218

For royalty payment of $751.33, dated October 16, 1964, see transmittal letter file.

E-1218

For royalty payment of $648.72, dated September 25, 1964, see transmittal letter file.

E-1218

For royalty payment of $1,255.27, dated August 21, 1964, see transmittal letter file.

E-1218

For royalty payment of $1,655.70, dated July 17, 1964, see transmittal letter file.

E-1218

For royalty payment of $1,351.74, dated June 26, 1964, see transmittal letter file.

E-1218

For royalty payment of $2,196.05, dated May 28, 1964, see transmittal letter file.

ROYALTY
AUDIT REPORT

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT CERTIFICATE

I have examined the production and royalty accounts and records pertaining to the value of concentrates produced for the period April 6, 1963, through April 9, 1964, by Hecla Mining Company, Box 320, Wallace, Idaho, from ore mined from Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-E1218, Docket DMEA-4981 (lead-zinc-copper), dated June 23, 1958, as amended, with

New Park Mining Company
907 Walker Bank Building
Salt Lake City, Utah

My examination was made in accordance with generally accepted standards applicable in the circumstances.

This audit established the total value of concentrates during this period subject to Government royalty to be $449,869.99. Royalty payable to the Government at the rates specified in the contract is $22,493.52.

A prior royalty audit report dated May 1, 1963, found the value of ore and concentrates subject to royalty reported through April 5, 1963, to be $488,433.12 which added to the sales for the subsequent period make a total of $938,303.11. The royalty account as of April 5, 1963, was:

Total Royalty Payable	$24,290.83
Total Royalty Paid	24,145.93
Balance of Royalty Due	$ 144.90

As of April 9, 1964, the royalty account of this project was found to be:

Total Royalty Payable	$46,784.35
Total Royalty Paid	46,784.35
Balance of Royalty Due	$ -0-

C. E. Fisher

C. E. Fisher, OME Auditor

April 29, 1964

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT REPORT

I. INTRODUCTION

On April 9, 1964, an audit was made of the production and royalty accounts and records of Hecla Mining Company, Box 320, Wallace, Idaho, pertaining to the value of concentrates produced during the period April 6, 1963, through April 9, 1964, from property known as Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-E1218, Docket DMEA-4981 (lead-zinc-copper), dated June 23, 1958, as amended, with

New Park Mining Company
907 Walker Bank Building
Salt Lake City, Utah

Exploration, development, and mining operations were conducted by the Operator (New Park Mining Company) through November 1961. Subsequent operations have been by Hecla Mining Company under an operating agreement with the Operator.

This audit was based on an examination of the production and assay records maintained at the mine office at Heber, Utah, which were made available for my inspection by John G. Simos, senior geologist, and Harry C. McMillan, office manager, Hecla Mining Company.

II. GENERAL INFORMATION

Article 8 and Annex II of the contract provide that if the Government makes a certification of discovery or development the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2 and Annex I of the contract within a period of 15 years from the date of the contract, or until the total net amount contributed by the Government to the exploration costs without interest is fully repaid, whichever occurs first.

Annex II also provides for the payment by the Operator of royalty on any production, regardless of where it comes from, that is transported through any new workings to the cost of which the Government contributed, or any portion of said workings. Annex II further provides for the payment of a 5 percent royalty on the total transportation charges received by the Operator on any production from outside the boundaries of the land described in Article 2 of the contract transported through such workings, in the event that

neither operator nor any subsidiary or affiliate thereof has any interest in such production.

A certification of discovery or development was issued by the Government on April 5, 1962.

A Report of Review in lieu of final cost audit dated May 17, 1962, found acceptable costs under the exploration contract to be $266,044.06 with the Government's contribution, on a 50 percent basis, being $133,022.03.

The land under the contract consists of all or portions of 23 patented and 3 unpatented claims located in sec. 34, T. 2 S., R. 4 E., Salt Lake Meridian, Blue Ledge Mining District. Excluded, however, is the area of the claims above the 1880 level and east of a vertical plane at approximately 2,120 feet, S. 65 degrees W. of the Mayflower shaft. At the time the contract was executed the Operator owned part of the land and leased the remainder from the United States Smelting, Refining and Mining Company, which company executed a Consent to Lien and Subordination Agreement on June 13, 1958.

At the time of my prior royalty audit, covered by report dated May 1, 1963, royalty had not been paid on value of concentrates produced from certain ore mined on the 2000 level pending the determination of the boundary between the land under the contract and other land. On July 26, 1963, H. J. Vander Veer and Associates, Consulting Engineers and Geologists, 701 Judge Building, Salt Lake City, Utah, furnished a report on their investigation and survey of the 2000 level to Hecla Mining Company.

An adjustment of the royalty account retroactive to November 1962 was made and royalty was paid in October 1963 on previously unreported production from the land determined to be under the contract. Royalty is being paid currently on all production within the boundaries established by the survey. Also, the amount of $144.90 reported in my previous audit as additional royalty due because of payments made on basis of per ton value of ore rather than on per ton value of concentrates was received by the Government during May 1963.

During the period covered by this audit no production which would be subject to Government royalty was made from beyond the boundaries of the land described in Article 2 of the contract and transported through new workings to the cost of which the Government contributed.

III. SCOPE OF AUDIT AND FINDINGS

A statement of royalty received during the period covered by this audit was prepared from copies of monthly statements received by the OME office in support of remittances by Hecla Mining Company during the period covered by this audit. All of the data included in the statement were confirmed by detailed recomputation. This statement, which is filed as part of my audit work papers, was reconciled with the production records in the mine office during the on-site audit.

Mayflower Mine keeps its production records based on tonnage and assays of crude ore recovered from the various stopes, raises, etc. The assays are adjusted monthly based on milling results and the value per ton of crude ore from each area is determined and applied to compute the value of ore taken from a stope, raise, etc. This is done throughout their operation and is their standard practice.

The mill records reflect such things as tons of concentrates produced, recovery factors, etc. However, the extra time and work required to convert per ton of ore values into per ton of concentrate values was not deemed justifiable for OME purposes only.

IV. CONCLUSION

A summary analysis of production, value thereof, and royalty payable and paid under the provisions of this exploration contract follows:

Period	Ore Tons	Value of Production	Royalty Payable
New Park Mining Company			
June 23, 1958, thru Nov. 30, 1961	20,779	$418,690.16	$20,880.97
Hecla Mining Company			
Dec. 1, 1961, thru Feb. 28, 1963	3,887	69,742.96	3,409.86
Totals - Prior audit	24,666	$488,433.12	$24,290.83
Mar. 1, 1963, thru Mar. 31, 1964	15,696	449,869.99	22,493.52
Totals	40,362	$938,303.11	$46,784.35

This audit has determined that as of April 9, 1964, all production through March 31, 1964, on which the Government is entitled to royalty has been accounted for and proper royalty has been paid. Royalty on the value of March 1964 production was remitted by the Operator to the OME Region III office on April 13, 1964, after the date of the audit but prior to the date of this report.

C. E. Fisher, OME Auditor

April 29, 1964

Bldg. 20 - Denver Federal Center
Denver, Colo. 80225

EXTRA COPY O. M. E RECEIVED MAY 11 1964		
DATE	INITIALS	CODE
	May 7, 1964	
		800

New Park Mining Co.
907 Walker Bank Bldg.
Salt Lake City, Utah

Subject: DMRA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Idm-E1218

Gentlemen:

Attached are copies of the Royalty Audit Certificate and Royalty Audit Report dated April 29, 1964 on the subject contract.

Very truly yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

Enc.

cc: G. C. Selfridge (2)
E1218
Chron

Bldg. 20 - Denver Federal Center
Denver, Colo. 80225

May 7, 1964

Memorandum

To: Fiscal Section, Office of Management Operations
Office of the Secretary
Department of the Interior
Washington, D. C.

From: Acting Field Officer, OMK, Region III

Subject: DMEA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Idm-X1218

Attached is the original Royalty Audit Certificate and Royalty Audit Report dated April 29, 1964 on the subject contract.

Original signed by
Hugh M. Connors

cc: G. C. Selfridge (2)
X1218
Chron

APR 30 1964

Memorandum

To: Acting Field Officer, Region III

From: Chief, Contract Administration and Audit Division (Signed) E. D. Taibert

Subject: DMEA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Idm-E1218

The original and two copies of a Royalty Audit Certificate and Royalty Audit Report covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Office of Management Operations, Office of the Secretary, U. S. Department of the Interior, Washington, D. C. 20240;
(b) One copy for the Operator; and
(c) One copy for your files.

As evidence of your concurrence, a copy of your letter transmitting the Operator's copy of the report should be furnished to this Division. If for any reason you do not concur, the original and both copies of the report should be returned to this Division with your comments.

Enclosures

CEFisher/ama 4-30-64

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

E-1218

For royalty payment of $3,301.04, dated April 17, 1964, see transmittal letter file.

For royalty payment of $2,957.58, dated March 27, 1964, see transmittal letter file.

Bldg. 20 - Denver Federal Center
Denver, Colo. 80225

March 11, 1964

Mr. George L. Wilhelm, Superintendent
Hecla Mining Co.
Star Route
Heber City, Utah

Re: DMRA-4981
Contract Idm-E1218
Mayflower Mine
Wasatch County, Utah

Dear Mr. Wilhelm:

I have been advised that Mr. Clarence E. Fisher will visit your office on or about April 9, 1964 to make a royalty audit of the captioned account.

Any courtesies shown Mr. Fisher will be greatly appreciated.

Yours very truly,

[illegible] SIGNED BY

Hugh M. Connors
Acting Field Officer, OME
Region III

cc: G. C. Selfridge
E. D. Talbert
C. E. Fisher
E1218

Chron

EXTRA COPY
O. M. E
RECEIVED MAR 13 1964

DATE	INITIALS	CODE
		800

E-1218

For royalty payment of $3,986.52, dated February 27, 1964, see transmittal letter file.

E=1218

For royalty payment of $1,076.04, dated January 7, 1964, see transmittal letter file.

E-1218

For royalty payment of $1,515.38, dated November 22, 1963, see transmittal letter file.

E-1218

For royalty payment of $1,098.32, dated November 6, 1963, see transmittal letter file.

E-1218

For royalty payment of $6,885.43, dated October 11, 1963, see transmittal letter file.

Building 20 - Federal Center
Denver 25, Colorado
80225

October 11, 1963

Mr. John G. Simos
Senior Geologist
Hecla Mining Company
Star Route - Box 18-A
Heber City, Utah

EXTR
O.
RECEIVED 3
DATE
800

Re: DMEA-4981 (Copper-Lead-Zinc)
Contract Idm-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Dear Mr. Simos:

The covering letter with your check for $6,885.43 dated September 30, 1963, stated that you had enclosed a copy of a final report submitted by H. J. Vander Veer and Associates who were commissioned by Hecla Mining Company to establish the eastern boundary of the DMEA participation area below the 1880 Level.

The copy of the final report was not attached to the letter. Will you please forward this office a copy of the final report submitted by H. J. Vander Veer and Associates.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
Royalty Corres. E1218
Chron
HMC/lm

E-1218

For royalty payment of $521.06, dated August 30, 1963, see transmittal letter file.

Building 20 - Federal Center
Denver 25, Colorado

August 12, 1963

EXTRA COPY
RECEIVED 1963
DATE
800

John G. Simos
Geologist
Hecla Mining Company
Star Route - Box 18-A
Heber City, Utah

Re: DMEA-4981 (Copper-Lead-Zinc)
Contract Idm-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Dear Mr. Simos:

Thank you for your letter of August 9, 1963 which contained the royalty calculations, amounting to $521.06. No check was enclosed with this letter. Similar letters in the past have always contained a check for the amount of royalty due.

Will you please advise.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations, OME
With 2 copies of Mr. Simos letter dated 8/9/63
Royalty Corres E1218
Chron

- Amc

MAYFLOWER MINE
HECLA MINING COMPANY

STAR ROUTE
HEBER CITY, UTAH

August 9, 1963

Acting Field Officer
O.M.E. Region III
Building 20, Federal Center
Denver 25, Colorado

OME
DEPARTMENT OF THE INTERIOR
AUG 12 1963
REGION III
DENVER, COLORADO

Re: Docket No. DMEA 4981
Contract E-1218
New Park Mining Company

Dear Sir:

During July a total of 413 tons of ore with a net smelter return value of $10,421.10 was produced from the 2005 Level west of the DMEA line. This does not include production from the 20-P-905 area as royalty on production from this area is being deferred until the DMEA boundary is established.

Royalty is as follows:

WEIGHTED ADJUSTED ASSAYS

Area	Dry Tons	Oz Au	Oz Ag	% Pb	% Cu	% Zn	Net Smltr Value	Value Per Ton
20-790 E	58	0.06	2.25	7.5	0.41	7.1	$1,131.70	$19.51
20-790 W	355	0.07	2.85	13.1	0.41	6.6	9,289.40	26.17
Total	413						$10,421.10	

The 413 tons of dry ore are equivalent in value to 86.59 tons of combined concentrates with a value of $120.34 per ton.

Value = 86.59 X $120.34 = $10,421.10

Royalty = $10,421.10 X 0.05 = 521.06

Very truly yours,

John G. Simos

John G. Simos
Senior Geologist

JGS/bl

E-1218

For royalty payment of $213.45, dated July 26, 1963, see transmittal letter file.

E-1218

For royalty payment of $517.82, dated July 2, 1963, see transmittal letter file.

E-1218

For royalty payment of $144.90, dated May 29, 1963, see transmittal letter file.

E-1218

For royalty payment of $252.47, dated May 21, 1963, see transmittal letter file.

E-1218

For royalty payment of $168.41, dated April 26, 1963, see transmittal letter file.

ROYALTY
AUDIT REPORT

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT CERTIFICATE

I have examined the production, sales, and royalty accounts and records pertaining to the sales of ore and concentrates for the period March 1, 1962, through April 5, 1963, by Hecla Mining Company, Box 320, Wallace, Idaho, from the Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-X1218, Docket DMEA-4981 (lead-zinc-copper), dated June 23, 1958, as amended, with

New Park Mining Company
907 Walker Bank Building
Salt Lake City, Utah

My examination was made in accordance with generally accepted standards applicable in the circumstances.

This audit established the total value of ores and concentrates during this period subject to Government royalty to be $48,117.41. Royalty payable to the Government at the rates specified in the contract is $2,328.58.

A prior royalty audit report dated June 1, 1962, found the value of ore subject to royalty through February 28, 1962, to be $440,315.71 which added to the sales for the subsequent period make a total of $488,433.12. The royalty account as of February 28, 1962, was:

Total Royalty Payable	$21,962.25
Total Royalty Paid	21,962.25
Balance of Royalty Due	$ -0-

As of April 5, 1963, the royalty account of this project was found to be:

Total Royalty Payable	$24,290.83
Total Royalty Paid	24,145.93
Balance of Royalty Due	$ 144.90

C. E. Fisher

C. E. Fisher, OME Auditor

MAY 1 1963

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT REPORT

I. INTRODUCTION

On April 11 and 19, 1963, an audit was made of the production, sales, and royalty accounts and records of Hecla Mining Company, Box 320, Wallace, Idaho, pertaining to the value of crude ore and concentrates sold during the period March 1, 1962, through April 5, 1963, from property known as Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-K1218, Docket BMA-4981 (lead-zinc-copper), dated June 23, 1958, as amended, with

New Park Mining Company
907 Walker Bank Building
Salt Lake City, Utah

Exploration, development, and mining operations were conducted by New Park Mining Company (hereinafter referred to as the Operator) through November 1961. Subsequent operations have been by Hecla Mining Company under an operating agreement with the Operator.

This audit was based on an examination of the production and assay records maintained at the mine office at Keber, Utah, which were made available on April 11 by George Wilhelm, plant superintendent, Hecla Mining Company, and the records in the main office at Wallace, Idaho, which were made available on April 19 by J. R. Mathews, secretary treasurer.

II. GENERAL INFORMATION

Article 8 and Annex II of the contract provide that if the Government makes a certification of discovery or development the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2 and Annex I of the contract within a period of 15 years from the date of the contract, or until the total net amount contributed by the Government to the exploration costs without interest is fully repaid, whichever occurs first.

Annex II also provides for the payment by the Operator of royalty on any production, regardless of where it comes from, that is transported through any new workings to the cost of which the Government contributed, or any portion of said workings. Annex II further provides for the payment of a 5 percent royalty on the total transportation charges received by the Operator on any production from outside the boundaries of the land described in Article 2 of the

contract transported through such workings, in the event that neither Operator nor any subsidiary or affiliate thereof has any interest in such production.

A certification of discovery or development was issued by the Government on April 5, 1962.

A Report of Review in lieu of final cost audit dated May 17, 1962, found acceptable costs under the exploration contract to be $266,044.06 with the Government's contribution, on a 50 percent basis, being $133,022.03.

The land under the contract consists of all or portions of 23 patented and 3 unpatented claims located in sec. 34, T. 2 S., R. 4 E., Salt Lake Meridian, Blue Ledge Mining District. Excluded, however, is the area of the claims above the 1880 level and east of a vertical plane at approximately 2,120 feet, S. 65 degrees W. of the Mayflower shaft. At the time the contract was executed the Operator owned part of the land and leased the remainder from the United States Smelting, Refining and Mining Company, which company executed a Consent to Lien and Subordination Agreement on June 13, 1958.

On all production through November 1961 the Operator made monthly payments of royalty based on the value of ore obtained from the exploration drifts and raises and from production beyond the boundaries of the land described in Article 2 of the contract in the manner set forth in my audit report dated June 9, 1961. This practice was continued by Hecla Mining Company on production through March 1962 with a slight modification in the method of computing the amount of royalty payable as explained in my audit report dated June 1, 1962.

Commencing with April 1962 production Hecla Mining Company stockpiled the ore pending completion of a flotation mill at the minesite. The mill was placed in operation on November 20, 1962, and since that date has been concentrating the ore from the stockpile and from mine production. Lead concentrates are sold to American Smelting and Refining Company, East Helena, Montana, and zinc concentrates are sold to The Bunker Hill Company, Kellogg, Idaho.

III. SCOPE OF AUDIT AND FINDINGS

A statement of royalty received during the period covered by this audit was prepared from copies of monthly statements received by

the GMK Washington, D. C., office in support of remittances by Hecla Mining Company during the period covered by this audit. All of the data included in the statement were confirmed by detailed recomputation. This statement, which is filed as part of my audit work papers, was reconciled with the production and sales records in the mine office during the on-site audit.

The royalty settlement for March 1962 production was computed and proper royalty was paid based on the sale of ore in the same manner as prior royalty payments were computed and paid. Thereafter, Hecla Mining Company has sold lead and zinc concentrates rather than crude ore. In the company's calculation of returns from mining operations the total net smelter returns for the production period, April through November 1962 with respect to ore stockpiled prior to placing the mill in operation, and on a monthly basis thereafter, have been allocated to the various areas from which the ore was obtained. This allocation gives effect to the mineral content of the ore as determined by sampling and assaying as is more fully explained in my royalty audit report dated June 1, 1962.

Article 8 of the exploration contract provides that the Government's royalty shall be a percentage of the gross proceeds from the production sold, in the form sold (ore, concentrates, metal, or equivalent). Accordingly, such royalty properly is based on the tonnage of concentrates sold and the proceeds from the sale of the concentrates since milling operations have been conducted at the Mayflower Mine. The Operator, however, has based its computations on the tonnage of ore.

The ore produced from the area subject to Government royalty and stockpiled prior to opening of the mill was determined to have had a value in excess of $11.50 per ton and the maximum royalty rate of 5 percent was used in computing the Government's royalty. However, the value per ton of ore produced during the months immediately thereafter was less than $11.50 per ton and royalty was paid at less than the 5 percent rate. The concentration ratio at the Mayflower mill is 4 or 5 tons of ore to produce a ton of concentrates which would indicate a value per ton of concentrates far in excess of $11.50 per ton and the 5 percent royalty rate would be applicable.

The improper computation method used has resulted in the underpayment of royalty in the amount of $144.90, computed as follows:

Period	Tons of ore	Net smelter value Per ton ore	Net smelter value Total	Royalty Rate	Royalty Amount
Nov. 21 thru Dec. '62	204	$7.58	$1,546.55	1½%	$ 23.20
January 1963	460	9.87	4,538.69	3%	136.16
Total smelter value and royalty paid			$6,085.24		$159.36
Royalty due - Concentrate basis				5%	304.26
Underpayment of royalty					$144.90

IV. CONCLUSION

A summary analysis of reported production, sales, and royalty payable and paid during the period covered by this audit and the totals since the date of the contract is attached hereto as Exhibit "A".

In addition to the balance of $144.90 found to be due as a result of computing the royalty payments on a basis of the per ton value of ore rather than on a basis of the per ton value of concentrates, it was ascertained that certain production, identified as being from the 20-P-905W and 20-P-903E stopes, has not been reported pending a determination as to the exact boundary between the land under the contract and other land. However, records are being maintained pertaining to such production.

Mr. Wilhelm assured this auditor that the boundary line should be established within a few weeks and the applicable portion of the production would then be reported and royalty paid under provisions of the contract. I was further advised that such ore is not moved through "new workings", to the cost of which the Government contributed, and no royalty will be paid on production from beyond the boundary when it is established.

Except as indicated above the audit has established that all of the sales of production settled during the period covered by the audit has been reported and royalty paid thereon.

C. E. Fisher

C. E. Fisher, OGE Auditor

MAY 1 1963

Exhibit "A"

Operator and Production Period	This Period Ore Tons	This Period Proceeds	This Period Royalty Payable	Since June 23, 1958 Ore Tons	Since June 23, 1958 Proceeds	Since June 23, 1958 Royalty Payable
New Park Mining Co.						
To Nov. 30, 1961				20,779	$418,690.16	$20,890.97
Hecla Mining Co.						
Dec. 1961 through Feb. 1962				1,362	21,625.55	1,081.28
Totals - Prior audit				22,141	$440,315.71	$21,962.25
Hecla Mining Co.						
March 1962	403	$ 3,864.90	$ 115.95	403	3,864.90	115.95
April to Nov. 20, 1962	1,138	32,159.97	1,608.00)			
Nov. 21 through Dec. 1962	204	1,546.55	77.33)	2,122	44,252.51	2,212.63
January 1963	460	4,538.69	226.93)			
February 1963	320	6,087.30	300.37)			
Totals	2,525	$48,117.41	$2,328.58	24,666	$488,433.12	$24,290.83
Royalty paid			2,183.58			24,145.93
Balance of royalty due			$ 144.90			$ 144.90

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED
May 9, 1963
1963
800

Hecla Mining Company
Star Route
Heber City, Utah

Re: DMVA-4981 (Copper-Lead-Zinc)
Contract Idm-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Gentlemen:

Enclosed is a copy of the Report of Royalty Review on the subject contract dated May 1, 1963, covering the period March 1, 1962, through April 5, 1963.

Please note that the balance due the Government according to this Report of Review is $144.90. Your prompt payment of $144.90 to this office will be appreciated.

Sincerely yours,
Original signed by
T. M. Romslo

T. M. Romslo
Acting Field Officer, OME
Region III

Enclosure
cc New Park Mining Company
904 Walker Bank Building
Salt Lake City 11, Utah

Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E1218
Chron
TMR/lm

Building 20 - Federal Center
Denver 25, Colorado

May 8, 1963

EXTRA COPY
RECEIVED MAY 1963
DATE

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMEA-4981 (Copper-Lead-Zinc)
Contract Idm-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Attached is the original Report of Royalty Review dated May 1, 1963, on the subject property covering the period March 1, 1962, through April 5, 1963.

T. M. Romalo

Attachments

cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E1218
Chron
TMR/lm

MAY 1 1963

Memorandum

To: Acting Field Officer, Region III

From: E. D. Talbert, Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: [redacted]-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Idm-21218

The original and three copies of a Royalty Audit Certificate and Royalty Audit Report covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington 25, D. C.;
(b) One copy for the Operator (New Park Mining Co.);
(c) One copy for the producer (Hecla Mining Co.); and
(d) One copy for your files.

As evidence of your concurrence, a copy of your letter transmitting the Operator's copy should be furnished this Division. If for any reason you do not concur, the original and all copies of the report should be returned to this Division with your comments.

Enclosures

CEFisher/ama 4-30-63

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

Excerpt - Letter from C. E. Fisher dated April 19, 1963

While in Wallace I called on Hecla on the pretext that I wanted confirmation of some of the matters I had noted at the Mayflower Mine. My audit report will need to be corrected to show that I also visited J. R. Mathews, Sec. Treas., in Wallace. Wilhelm had already told the Wallace people that I said royalty should be computed on the basis of concentrates rather than ore. I pointed out to Mathews that dollar-wise not too much was involved as the royalty paid to date has averaged out very close to 5%. His answer was that if that is true the Government should forget about it and allow things to continue as in the past. Of course, Hecla is not one of our best friends and they are losing money at the Mayflower.

Excerpt - Letter from C. E. Fisher dated April 10, 1963

Bob Archer, their geologist, has left the company. Their new man - Seymour - is a young fellow who has been at the mine about 2 weeks. He took me on the $1.00 tour of thenew mill. It was nice looking and had not yet had time to get dirty. I gathered that there are still some bugs to be worked out and that the principal one wa that the mine was not producing fast enough to keep ;up with the mill. They were disappointed that March still indicated a loss.

The plant superintendent, George Wilhelm, appears to be rather young for the job. Under their cost accounting system they spread net smelter returns over the various working areas based on tons of ore and assays. In computing our royalty they divide the tons of ore into the applicable portion of the net smelter return and then apply the percentage indicated by such value per ton of ore. My only exception to their method of computation is that the royalty rate should be determined by the value of cons, and, of course, would never be less than 5%.

Wilhelm was highly indignant at this and says he will recommend that the company reject my position. We are penalizing the company for bringing valueless ore up to a marketable value, etc. The same argument I heard at Silverton. I tried to tell him that 5% was not high as mining royalties go and that the scale below 5% was to assist operators in mining lower grade ore. That it was really a concession on the Government's part and that he was wrong in figuring that we were penalizing an operator for milling his ore. Our final agreement was that I would write the sort of audit report I felt was in order and that he would recommend that his company reject it. Our discussion was on a pleasant basis and there was no hard feeling at any time.

The Operator has been bolding-off on reporting and paying royalty on 20-P-905W and 20-P-905E stopes pending a determination of the exact boundary between OME and other area. They expect to have this settled in a couple of weeks. The ore is not moved through our workings and they do not intend to pay royalty on any production beyond the boundary when that is determined. They are maintaining records and can make the computations when the time comes. I am staying out of this one as it appears that the matter is under active consideration and its not a sleeper as was the Bunker Hill matter. Also, someone may decide that when we did some rehabilitation work, installed air and water lines, etc. the Government did contribute. It all hinges on what are new workings.

[illegible]

[illegible]

[illegible]

E-1218

For royalty payment of $300.37, dated April 5, 1963, see transmittal letter file.

E-1218

For royalty payment of $159.36, dated March 12, 1963, see transmittal letter file.

Building 20 - Federal Center
Denver 25, Colorado

March 12, 1963

Mr. George L. Wilhelm
Superintendent
Mayflower Mine
Hecla Mining Company
Star Route
Heber City, Utah

Re: DMEA-4981 (Copper-Lead-Zinc)
Contract Idm-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Dear Mr. Wilhelm:

I have been advised that Mr. Clarence E. Fisher will visit your office on or about April 11, 1963 to make a royalty audit of the captioned account.

Any courtesies shown Mr. Fisher will be greatly appreciated.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
E. D. Talbert, Chief
Contract Administration and Audit Division
Clarence E. Fisher

Building 20 - Federal Center
Denver 25, Colorado

February 20, 1963

Mr. George L. Wilhelm
Superintendent, Mayflower Mine
Ebela Mining Company
Star Route
Heber City, Utah

RECEIVED
FEB 25 1963
800

Re: DMMA-4981 (Copper-Lead-Zinc)
Contract I&m-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Dear Mr. Wilhelm:

Thank you for your letter of February 18, 1963 regarding the DMMA boundary on the Annie and Summit No. 2 claims.

Your suggestion that Government royalty on production from the stope on the 2005 level be deferred until you establish the true DMMA boundary on that level, meets with Government approval provided you make the survey as soon as the weather and snow conditions permit and you furnish this office two copies of the resulting map.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
Royalty Corres. E1218
Chron
HMC/lm

MAYFLOWER MINE
HECLA MINING COMPANY
STAR ROUTE
HEBER CITY, UTAH

February 18, 1963

Acting Field Officer
O.M.E. Region III
Building 20, Federal Center
Denver 25, Colorado

Re: Docket No. DMEA 4981
Contract E-1218
New Park Mining Co.

Dear Sir:

Under the Operating Agreement of December 1, 1961 between New Park Mining Company and Hecla Mining Company, Hecla has continued operation and development work at the Mayflower Mine in Park City District, Utah. Stope production is now commencing from the Pearl vein on the 2005 Level, and some of this will be from the Ammie and Sunset No. 2 Claims, which are included in the DMEA Contract. In the process of establishing the DMEA boundary (east end lines of the Ammie Claim, Mineral Survey 202 and Sunset No. 2 Claim, Mineral Survey 168) on the 2005 Level, we found that there may be some inaccuracy in the location of this end line as shown on the maps accompanying New Park's DMEA application. A royalty is paid the government on ore produced from the claims included in the DMEA Contract; hence, an accurate location of this claim boundary is necessary and important for the accounting of ore on which a royalty is due.

A search of the engineering and survey records indicates that we are unable to accurately establish this line with our present data. Because of this it will be necessary to conduct a survey which will tie the claim corners in question to our underground survey, and this will be done as soon as weather and snow conditions permit.

Until such a survey can be made and the boundary line established accurately, we propose that royalty payments to the government from production in this area be deferred. As soon as the boundary is established, an adjustment for royalty payments will be made.

We are sorry this matter did not come to our attention until this late date. Would you please advise us if the suggested manner of handling this meets with your approval?

Very truly yours,

George L. Wilhelm

George L. Wilhelm
Superintendent

GLW/bl

E-1218

For royalty payment of $1,608.00, dated February 15, 1963, see transmittal letter file.

E-1218

For royalty payment of $115.95, dated June 22, 1962, see transmittal letter file.

ROYALTY
AUDIT REPORT

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT CERTIFICATE

I have examined the production, sales, and royalty accounts and records pertaining to the production of ore for the period May 1, 1961, through February 28, 1962, by

New Park Mining Company
907 Walker Bank Building
Salt Lake City, Utah
and
Hecla Mining Company
Box 320
Wallace, Idaho

from the Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-E1218, Docket DMEA-4981 (lead-zinc-copper), dated June 23, 1958, as amended.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

This audit established the total value of ores produced during this period, subject to Government royalty, to be $257,266.12. Royalty payable to the Government at the rates specified in the contract is $12,863.30.

A prior royalty audit report dated June 9, 1961, found the value of ore subject to Government royalty through April 30, 1961, to be $183,049.59 which added to the sales for the subsequent period make a total of $440,315.71. The royalty account as of April 30, 1961, was:

Total Royalty Payable	$ 9,098.95
Total Royalty Paid	9,098.95
Balance of Royalty Due	$ -0-

At February 28, 1962, the royalty account of this project was found to be:

Total Royalty Payable	$21,962.25
Total Royalty Paid	21,962.25
Balance of Royalty Due	$ -0-

C. E. Fisher

June 1, 1962

C. E. Fisher, OME Auditor

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT REPORT

I. INTRODUCTION

ay 17, 1962, an audit was made of the production, sales, and lty accounts and records of

New Park Mining Company
907 Walker Bank Building
Salt Lake City, Utah
and
Hecla Mining Company
Box 320
Wallace, Idaho

pertaining to the value of crude ore produced during the period May 1, 1961, through February 28, 1962, from property known as Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-81213, Docket DMEA-4931 (lead-zinc-copper), dated June 23, 1953.

Exploration, development, and mining operations were conducted by New Park Mining Company (hereinafter referred to as Operator) through November 1961. Subsequent operations have been by Hecla Mining Company under an operating agreement.

This audit was based on an examination of the production and assay records maintained at the mine office at Heber, Utah, which were made available by William Anderson, Jr., General Mine Superintendent, Hecla Mining Company. In addition, the royalty payment records of New Park Mining Company maintained by Francis M. Smith, accountant, at that company's Keetley, Utah, office were reviewed. The cooperation of each of these gentlemen greatly facilitated the audit work.

II. GENERAL INFORMATION

Article 8 and Annex II of the contract provide that if the Government makes a certification of discovery or development the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2 of the contract within a period of 15 years from the date of the contract, or until the total net amount contributed by the Government to the exploration costs without interest is fully repaid, whichever occurs first.

Annex II further provides for the payment by the Operator of royalty on any production, regardless of where it comes from, that is

transported through any workings to the cost of which the Government contributed, and for the payment of a 5 percent royalty on the total transportation charges received by the Operator on any production from outside the boundaries of the land described in Article 2 of the contract transported through such workings.

A certification of discovery or development was issued by the Government on April 5, 1962.

A Report of Review in lieu of final cost audit dated May 17, 1962, found acceptable costs under the exploration contract to be $266,044.06 with the Government's proper contribution, on a 50 percent basis, being $133,022.03. However, the Government actually had contributed $133,391.15 and, therefore, a refund of $369.12 was due the Government.

The land under the contract consists of all or portions of 23 patented and 3 unpatented claims located in sec. 34, T. 2 S., R. 4 E., Salt Lake Meridian, Blue Ledge Mining District. Excluded, however, is the area of the claims above the 1880 level and east of a vertical plane at approximately 2,120 feet S. 65 degrees W. of the Mayflower shaft. At the time the contract was executed the Operator owned part of the land and leased the remainder from the United States Smelting, Refining and Mining Company, which company executed a Consent to Lien and Subordination Agreement on June 13, 1958.

Through November 1961 the Operator continued to make monthly payments of royalty on the value of ore obtained from the exploration drifts and raises and from production from beyond the boundaries of the land described in Article 2 of the contract in the manner set forth in my audit report dated June 9, 1961. This practice has been continued by Hecla Mining Company with a slight modification in the method of computing the amount of royalty payable.

Under Hecla's system of computing royalty payable to the Government, car records for tonnage production and grab samples for grade calculations are used for each working area the same as was the prior practice. At the end of the month when the actual production and grade are settled through smelter returns for the total mine production, each working place is adjusted for tons and assay to correspond to the month's production and the actual settlements received. Royalty is computed on values relating to that portion of production from areas subject to royalty under terms of the contract. In this auditor's opinion the method currently used is equitable to the Government. From discussion with T. M. Romslo, mining engineer, and Hugh M. Connors, Acting Field Officer, OME Region III, Denver, Colorado, I understand that they are in agreement, although written formal approval of the procedure by OME has not been made.

At the present time Hecla Mining Company is constructing a flotation mill and making other substantial changes in the mining property.

Mr. Anderson stated that the only ore currently being recovered is a small tonnage of drift ore which is being stockpiled. Tonnage and assay records are being kept with respect to the production from the various areas so that the quantity and value of the concentrates produced on which the Government is entitled to royalty may be computed when the flotation mill is placed in operation, about November 1, 1962.

The last shipment of ore prior to stockpiling was mine lot No. 12 shipped to United States Smelting, Refining and Mining Company on March 24, 1962. The necessary computations for determining the Government's royalty on the March 1962 production (mine lots 11 and 12) had not been completed at the time of this audit. Mr. Anderson stated that the computations would be made and the royalty paid within a short time.

III. SCOPE OF AUDIT AND FINDINGS

A considerable amount of preaudit work was accomplished in the OME Washington, D. C., office prior to the field audit. During this preaudit work a statement of royalty received was prepared from copies of monthly statements showing royalty computations by the Operator and by Hecla Mining Company in support of royalty payments. All of the data included in the statement were confirmed by detailed recomputation. This statement, which is filed as a part of my audit work papers, was reconciled with the production and sales records in the mine office during the on-site audit.

IV. CONCLUSION

A summary analysis of the production from exploration drifts and raises, and on ore transported through such workings, value thereof, and royalty payable and paid follows:

Month	Value			Royalty Payable	
	Tons	Per Ton	Total	Rate	Amount
New Park Mining Company					
May 1960	238	$9.00	$ 2,142.00	2½%	$ 53.55
June 1960 thru April 1961	9,173	*	180,907.59	5%	9,045.40
Totals-Prior audit	9,411		$183,049.59		$ 9,098.95

Month	Value			Royalty Payable	
	Tons	Per Ton	Total	Rate	Amount
New Park Mining Company					
May 1961 thru Nov. 1961	11,368	*	$235,640.57	5%	$11,782.02
Totals-New Park	20,779		$418,690.16		$20,880.97
Hecla Mining Company					
Dec. 1961 thru Feb. 1962	1,362	*	21,625.55	5%	1,081.28
Grand totals	22,141		$440,315.71		$21,962.25
Royalty paid					21,962.25
Balance of royalty due					$ -0-

* Various. Monthly average values in excess of $11.50 per ton in each instance.

The audit has confirmed the accuracy and propriety of the royalty payments received applicable to production during the period May 1, 1961, through February 28, 1962. It has also determined that all indicated production of ores during that period have been properly accounted for.

C. E. Fisher

C. E. Fisher, DMS Auditor

June 1, 1962

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED JUL 13 62

July 12, 1962

800

New Park Mining Company
857 First Security Bldg.
Salt Lake City 11, Utah

Re: IMFA-4981 (Lead-Zinc-Copper)
Contract Idm-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Gentlemen:

Enclosed is a copy of the Report of Royalty Review on the subject contract dated June 1, 1962 covering the period May 1, 1961, through February 28, 1962 which shows that no royalty is due the Government at this time.

Yours very truly,

Original signed by TMR

for
Hugh M. Connors
Acting Field Officer, OME
Region III

Enclosure
cc Hecla Mining Company
Box 320
Wallace, Idaho

TMR/lm
cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres Idm-E1218
Chron

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
JUL 13

July 12, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: IMEM-4981 (Lead-Zinc-Copper)
Contract Idm-K1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Attached is the original Report of Royalty Review on the subject property dated June 1, 1962 covering the period May 1, 1961, through February 28, 1962.

Original signed by

TMR

for
Hugh M. Connors

Attachments

TMR/lm
cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. Idm-E84
Chron

JUN 4 1962

Memorandum

To: Acting Field Officer, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Ida-61218

The original and two copies of a Royalty Audit Certificate and Royalty Audit Report covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington 25, D. C.;
(b) One copy for the Operator; and
(c) One copy for your files.

As evidence of your concurrence, a copy of your letter transmitting the Operator's copy should be furnished this Division. If for any reason you do not concur, the original and both copies of the report should be returned to this Division with your comments.

Enclosures

CEFisher/ama 6-4-62

cc:
Docket
Director's Reading File
CA & A Division
Mr. Rothrock

APR 1 3 1962

Memorandum

To: Acting Field Officer, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Idm-E1218

Your April 10 memorandum to the Chief, Division of Field Operations, in reply to my April 4 memorandum concerning Mr. Fisher's proposed trip, questions the omission of the subject contract from the Couer D'Alene area audit program.

Royalty remittances and summary accounting for production during December 1961 and January and February 1962 were received under cover of letterheads reading "Mayflower Mine, Hecla Mining Company, Star Route, Haber, Utah". Accordingly, I assumed that Hecla's records on this contract are in Heber, Utah, rather than its Wallace, Idaho, office, and scheduled the contract for audit during Mr. Fisher's visit to the Salt Lake area.

Since Mr. Fisher's visit in the Couer D'Alene area will predate his arrival at Salt Lake City, he will be enabled to audit the records regardless of location.

EDTalbert/ama 4-13-62

cc:
Docket
Director's Reading File
CA & A Division
Mr. Fisher

E-1218

For royalty payment of $268.24, dated March 21, 1962, see transmittal letter file.

March
February 3, 1962

Acting Field Officer
OME Region III
Building 20, Federal Center
Denver 25, Colorado

Re: Docket No. DMEA 4981
Contract E-1218
New Park Mining Company

Dear Sir:

During the month of February 1962, Hecla Mining Company produced a total of 407 tons of ore having an average net smelter return value of $13.18 per ton from the 2005 level of the Mayflower Mine.

Ore was shipped from 2002 East Drift which was advanced eastward on the Pearl Fissure and 20-P-905 Raise which was advanced on the Pearl Footwall Split Vein.

Production and value is as follows:

Place	Dry tons	Weighted Adjusted Assay oz Au	oz Ag	% Pb	% Cu	% Zn	Net Smltr Value	Value per Ton
2002 E Dr	253	.38	3.5	6.1	0.7	1.8	$3752.40	$14.83
20-P-905 Rs	154	.25	3.7	3.3	0.7	3.1	1612.39	10.47
TOTALS	407	.33	3.6	5.0	0.7	2.3	$5364.79	13.18
							x .05	
						Royalty	$ 268.24	

Very truly yours,

Bob F. Archer

Bob F. Archer
Senior Geologist

BFA/bl

E-1218

For royalty payment of $813.04, dated February 21, 1962, see transmittal letter file.

800

February 12, 1962

Acting Field Officer
OME Region III
Building 20, Federal Center
Denver 25, Colorado

Re: Docket No. DMEA 4981
Contract E-1218
New Park Mining Co.

P813 04

Dear Sir:

On December 1, 1961, operation of the Mayflower Mine was assumed by Hecla Mining Company. During December, 1961, a total of 351 tons of ore having an average net smelter return value of $21.02 per ton were produced from the 2005 level.

Some low grade ore was shipped from 2002 East Drift which was advanced eastward on the Pearl Fissure.

20-P-934 Raise on the Pearl Fissure was holed through to the 1880 level.

20-P-914 Raise on the Pearl Footwall Split was holed through to the 1880 level.

20-P-905 Raise was also advanced on the Pearl Footwall Split Vein.

Production and value is as follows:

Place	Dry Tons	Weighted Adjusted Assay Oz. Au	Oz. Ag	o/o Pb	o/o Cu	o/o Zn	Net Smltr Value	Value per Ton
2002 E Dr	18	.05	1.14	0.0	0.51	0.50	$ 23.92	$ 2.39
20-P-905 Re	178	.10	6.74	8.09	1.21	7.80	2841.92	22.80
20-P-914 Re	132	.40	8.81	10.39	1.21	8.30	4117.43	31.19
20-P-934 Re	31	.35	4.25	1.53	2.13	0.79	394.65	12.73
Totals	351	.23	7.14	8.15	1.27	7.16	$7377.92	$21.02
							X .05	
						Royalty	$368.90	

During January, 1962, a total of 604 tons of ore having an average net smelter return value of $14.71 per ton were produced from the 2005 Level.

Drifting continued east in 2002 East Drift and low grade ore was produced. Ore was also produced from 20-P-934 Raise and 20-P-905 Raise.

Production and value is as follows:

Place	Dry Tons	Weighted Adjusted Assay Oz. Au	Oz. Ag	o/o Pb	o/o Cu	o/o Zn	Net Smltr Value	Value per Ton
2002 E Dr	143	.16	1.9	1.8	0.4	1.6	$ 352.75	$ 2.47
20-P-905 Rs	443	.29	5.8	5.1	0.9	6.4	8346.53	18.84
20-P-934 Rs	18	.35	3.6	2.3	0.7	2.6	183.56	10.20
Totals	604	.26	4.8	4.2	0.8	5.2	$8882.84	$14.71
							X .05	
						Royalty	$ 444.14	

Very truly yours,

Bob Archer

Bob F. Archer
Senior Geologist

BFA/bl

E-1218

For royalty payments of $3,000.50 and $1,664.42, dated January 22, 1962, see transmittal letter file.

Building 20 - Federal Center
Denver 25, Colorado

January 16, 1962

Cylias Anderson, Jr.
General Mine Supt.
Hecla Mining Company
Star Route
Heber City, Utah

Re: Docket DMEA 4981 (Copper-Lead-Zinc)
Contract Idm E1218
New Park Mining Company
(Mayflower mine)
Wasatch County, Utah

Dear Mr. Anderson:

Thank you for your letter of January 12, 1962 informing us that Hecla Mining Company is now the Operator of the Mayflower Mine.

On Mr. Romslo's next trip to Utah he will contact you and explain the method of calculating and reporting royalty due the Government.

It appears that the method of calculating and reporting royalties used by New Park Mining Company in the past has been entirely satisfactory.

Very truly yours,

(Signed)

Hugh M. Connors
Acting Field Officer, OME
Region III

EXTRA COPY
O. M. E
RECEIVED JAN 19 1962
DATE INITIALS
CODE
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HMC/lm
cc Chief, Division of Field Operations, OME
Contract Corres E1218
Romslo
Chron

Lamb

Amc

ECLA MINING COMPANY

MAYFLOWER MINE

STAR ROUTE

EMERY CITY, UTAH

OME
DEPARTMENT OF THE INTERIOR

January 12, 1962

Acting Field Officer
OME Region III
Building 20 Federal Center
Denver 25, Colorado

Re: Docket No. DMA 4981
Contract No. I-1218
Low Park Mining Company

Dear Sir:

As of December 1, 1961, Ecla Mining Company has taken over the operation of the Mayflower Mine through an agreement between Low Park Mining Company and Ecla Mining Company.

The first time you are in the district, I would like to discuss the method used for calculating and reporting royalties to be paid to the Government.

Very truly yours,

William Anderson

William Anderson, Jr.
General Mine Supt.

WA/ll

cc: Gale Hanson
W. E. Low

E-1218

For royalty payment of $2,113.90, dated October 23, 1961, see transmittal letter file.

E-1218

For royalty payment of $1,375.74, dated October 10, 1961, see transmittal letter file.

E-1218

For royalty payment of $1,487.15, dated September 8, 1961, see transmittal letter file.

E-1218

For royalty payment of $1,299.39, dated July 31, 1961, see transmittal letter file.

E-1218

For royalty payment of $840.82, dated June 26, 1961, see transmittal letter file.

ROYALTY
AUDIT REPORT

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT CERTIFICATE

I have examined the production, sales, and royalty accounts and records pertaining to production of ore for the period June 23, 1958, through April 30, 1961, of

New Park Mining Company
907 Walker Bank Building
Salt Lake City 11, Utah

from the Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under terms of Contract Idm-81218, DMEA 4981 (lead, zinc, copper), dated June 23, 1958, as amended.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit established the total value of ores produced during this period, subject to DMEA royalty, to be $182,049.59. Royalty payable to the Government at the rates specified in the contract is $9,098.95. The royalty paid and balance due are as follows:

Total Royalty Due	$9,098.95
Total Royalty Paid	9,098.95
Balance of Royalty Due	$ -0-

C. E. Fisher
C. E. Fisher, OME Auditor

June 9, 1961

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT REPORT

I. INTRODUCTION

On May 25, 1961, an audit was made of the production, sales, and royalty accounts and records of

New Park Mining Company
907 Walker Bank Building
Salt Lake City 11, Utah

pertaining to the value of crude ore produced during the period June 25, 1958, through April 30, 1961, from property known as Mayflower Mine located in Wasatch County, Utah, on which royalty is payable to the U. S. Government under the terms of Contract Idm-81218, DMEA-4981 (lead, zinc, copper), dated June 25, 1958.

This audit was based on an examination of the production and assay records maintained by James V. Muth, mine geologist, under the supervision of Bob Archer, chief geologist and engineer. The records were made available for audit by Mr. Archer in the company's office at the mine site. Monthly payments of royalty are made by checks drawn at the company's Keetley, Utah, office based on statements furnished by Messrs. Muth and Archer. The records at the Keetley office were reviewed to the extent deemed necessary. T. M. Romslo, mining engineer, USBM, was available as needed. The cooperation and assistance of Messrs. Archer and Romslo greatly facilitated the audit.

II. GENERAL INFORMATION

Article 8 and Annex II of the contract provide that the Operator shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2 of the contract from the date of the contract until the lapse of time in which the Government may make a certification of discovery or development (6 months after receipt of a sufficient final report and final account of the exploration) or until the total net amount contributed by the Government to the exploration costs shall have been repaid, whichever occurs first. In the event the Government shall certify a discovery or development the repayment period shall be 15 years from the date of the contract.

Annex II further provides for the payment by the Operator of royalty on any production, regardless of where it comes from, that is transported through any new workings to the cost of which the Government

has contributed, and for the payment of a 5 percent royalty on the total transportation charges received by the Operator on any production from outside the boundaries of the land described in Article 2 of the contract transported through the workings described above.

The exploration work provided by the contract has not been completed and certification of discovery or development has not been issued. As of the date of this audit the Government has contributed an aggregate of $124,692.49, which is 50% of the accepted costs claimed by the Operator for work performed through February 1961.

The Operator has been obtaining ore from exploration drifts and raises advanced under the exploration contract since May 1960. Such ore has been commingled with other production by the Operator and sold to United States Smelting, Refining and Mining Company. There was no transportation of other production by the Operator through the new workings; nor was there any production from beyond the boundaries of the land described in Article 2 of the contract prior to April 1961. During April ore encountered on the Pearl fissure in 2002 E drift east of the DMEA boundary was transported through the workings completed under the exploration contract. Royalty was paid on the value of such ore in the April 1961 settlement.

The value of ore on which royalty is determined to be payable to the Government and the amount of such royalty is computed in the following manner:

1. Assays are made from cut samples of ore taken from the various working faces. The per ton value of the contained minerals is computed based on the assay results, averaged over the month, and the latest selling prices. Tonnage recovered is computed on the basis of measurements of the cubical areas from which the ore is removed and the specific gravity of the ore. Total value of the ore is computed by multiplying the tonnage by the per ton value indicated by the assays.

2. Assays are made from grab samples of ore taken from each car of ore removed from the mine. The per ton value of the contained minerals from each area of the mine is computed based on the assay results, averaged over the month, and the latest selling prices. Tonnage recovered from the various areas is computed on the basis of car counts. Total value

of the ore is computed by multiplying the tonnage recovered from each area by the per ton value indicated by the assays.

3. The results obtained as outlined in paragraphs 1 and 2 above are averaged for each working area in the mine. These average results for all areas subject to Government royalty are then totaled for the month and royalty is paid on the total indicated value of production from the subordinated area.

This method of computing the value of production is integrated into the company's cost accounting system. The information thus obtained is used in connection with planning mining operations, settlements with land-owners, and with the lessees performing mining and development, as well as exploration operations of the property. In a letter dated June 24, 1959, Clark L. Wilson, vice president of the company, suggested that the system then in effect become the basis for determining the value of production subject to Government royalty. This proposal was accepted by the Executive Officer, OME Field Team, Region III, in a letter dated June 26, 1959.

III. SCOPE OF AUDIT AND FINDINGS

A. Conference with Examining Engineer

A conference with T. M. Romslo, mining engineer, USBM, who is thoroughly familiar with this project, disclosed the following:

(1) The Operator does not stockpile ore subject to royalty repayment.
(2) Production subject to DMEA royalty is commingled with exempt production. Mr. Romslo and this auditor are in agreement that the allocation of commingled production as outlined above is equitable to the Government.
(3) The Operator does not stockpile mine or mill rejects that may have potential value within the royalty repayment period.
(4) The assay controls in effect are deemed adequate.
(5) The manner of disposing of production gives the Government fair royalty returns.
(6) Periodic examinations of operations indicate the Operator is properly reporting its production of ores subject to DMEA royalty.
(7) The Operator does not buy from or sell to other operators.

(8) Operations of the property are continuing.

B. Audit of Settlement Statements

A considerable amount of preaudit work was accomplished in the OME Washington, D. C., office prior to the field audit. During this preaudit work a statement of royalty received was prepared from copies of monthly statements showing royalty computations furnished by the Operator in support of royalty payments. The royalty receipts were verified with deposits made by the Department's Fiscal Section. All of the data included in the statement were confirmed by detailed recomputation. This statement, which is filed as a part of my audit work papers, was reconciled with the production and sales records in the company's office during the on-site audit.

IV. CONCLUSION

A summary analysis of the Operator's production from exploration drifts and raises, and on ore transported through such workings, value thereof, and royalty due and paid follows:

Month	Tons	Value Per Ton	Value Total	Royalty Due Rate	Royalty Due Amount
May 1960	238	$ 9.00	$ 2,142.00	2½%	$ 53.55
June 1960 thru April 1961	9,173	*	180,907.59	5%	9,045.40
Totals	9,411	Av. $19.34	$182,049.59	Av. 4.998%	$9,098.95
Royalty paid					9,098.95
Balance of royalty due					$ -0-

* Various. Monthly average values in excess of $11.50 per ton in each instance.

The audit has confirmed the accuracy and propriety of the royalty payments received applicable to production during the period June 23, 1958, through April 30, 1961. It has also determined that all indicated production of ores during that period have been properly accounted for.

Royalty payable of $1,348.16 on April 1961 production was paid subsequent to the date of this audit and was credited to the Operator's account by the Department's Fiscal Section during the month of June 1961.

June 9, 1961

C. E. Fisher

C. E. Fisher, OME Auditor

MME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address

New Park Mining Company

Mayflower Mine (Lead-Zinc-Copper)

Wasatch County, Utah

Contract No.	Docket No.
Idm-E1218	DMEA-4931

Prepared by (Signature) Original signed by T. M. Romslo — Date May 29, 1961

Yes	No		
	X	1. (a)	Does the Operator stockpile ore subject to royalty repayment?
		(b)	If so, is segregation and identification procedure adequate?
X		2. (a)	Does the Operator commingle production subject to DMEA or OME royalties with exempt production?
X		(b)	If so, is the allocation of the commingled production equitable?
	X	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?
		(b)	If so, are adequate records maintained on such material to protect the Government's interest?
X		4.	Are the assay controls in effect adequate?
X		5.	Does the manner of disposing of production give 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 or OME royalties?
	X	7.	Does the Operator buy from or sell to other Operators?

8. Current status of property. (Check one).

- [X] Operating.
- [ ] Inactive.
- [ ] Abandoned.

Date of last production if not operating.

Comment on items 1(b), 2(b), 3(b), and 4 to 6, if answer is No:

84861-60

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED JUL 12 1961

DATE	INITIALS	CODE
		800

July 10, 1961

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D.C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. DMEA 4981 (Copper-Lead-Zinc)
Contract Idm E1218
New Park Mining Company
(Mayflower mine)
Wasatch County, Utah

Attached is the original Report of Royalty Review on the subject property dated June 9, 1961 covering the period June 23, 1958, through April 30, 1961.

Original signed by

Hugh M. Connors

Attachments
HMC/lm
cc Chief, Division of Field Operations OME (1)
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E879
Chron

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED JUL 12 1961
DATE | INITIALS | CODE

July 10, 1961

New Park Mining Company
P. O. Box 929
Park City, Utah

Re: Docket DMEA 4981 (Copper-Lead-Zinc)
Contract Idm E1218
New Park Mining Company
(Mayflower mine)
Wasatch County, Utah

Gentlemen:

Enclosed is a copy of the Report of Royalty Review on the subject contract dated June 9, 1961 covering the period June 23, 1958, through April 30, 1961, which shows that no royalty is due the Government at this time.

Yours very truly,

original signed by

Hugh M. Commors
Acting Field Officer, OME
Region III

Enclosure
HMC/lm
cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres E1218
Chron

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
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DATE | INITIALS | CODE
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April 21, 1961

Mr. Gale A. Hansen
General Superintendent
New Park Mining Company
Box 929
Park City, Utah

Re: Docket DMEA 4931 (Lead-Zinc-Copper)
Contract Ldm #1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Dear Mr. Hansen

Mr. Clarence E. Fisher of the Contract Administration and Audit Division from the Washington OME office expects to be in Salt Lake City May 25th and 26th. He would like to audit your account on one of those days.

Mr. Fisher will be accompanied by Mr. T. N. Romslo who will conduct him to your office.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Chief, Division of Field Operations, OME (2)
Contract E1218
Chron
HMC/lm

E-1218

For royalty payment of $1,348.16, dated June 1, 1961, see transmittal letter file.

E-1218

For royalty payment of $829.76, dated April 25, 1961, see transmittal letter file.

Acting Field Officer
O.M.E. Region III
Building 20, Federal Center
Denver 25, Colorado

March 10, 1961

Re: Docket No. DMEA 4981 Contract E-1218
New Park Mining Company

Dear Sir:

622 Tons at $17.89	11,127.58
$11,127.58 at 5%	556.38

During the month of February 1961, ore produced from the 2005 level amounted to 622 tons having a net smelter return value of $17.89 per ton.

20-754 E. Drift was advanced 13 feet along a narrow fissure of medium grade ore.

20-785 E. Rs. is the eastward extension of 20-785 Rs. This was advanced to rail plus 25 feet (R1 + 25). Very low grade ore was mined during this month.

20-813 Rs. was not advanced vertically. High grade ore was slabbed from the walls of the raise and from the sub-drift east.

20-866 Dr. was advanced 33 feet in medium grade ore.

Production a was determined as follows: Reported production: Tons determined by the number of cars mined, multiplied by 2.25 tons per car. Grade determined by averaging grab samples, taken by the miner, from each car.

From 20-754 E. Dr. - 16 tons @ $21.42 per ton.
From 20-785 E. Rs. - 162 tons @ $6.40 per ton.
From 20-813 Rs. & E. Sub. - 167 tons @ $30.85 per ton.
From 20-866 Dr. - 279 tons @ $16.42 per ton.

Measured production: Tons determined by volumetric measure in cu. ft., divided by 10 cu. ft. per ton. Grade determined by averaging cut samples taken at regular intervals.

From 20-866 E. Dr. - 275 tons @ $16.76 per ton.
From 20-754 E. Dr., 20-785 E. Rs., & 20-813 Rs. & E. Sub. No measured production; therefore reported production is accepted. These working places were not amenable to accurate measure.

In 20-754 & 20-785 the ore consisted of small stringers and pods along irregular structures. A considerable amount of waste was broken along with the ore.

In 20-813 the ore mined, consisted of irregular replacement of wall-rock along the strike of the fissure.

OME
DEPARTMENT OF THE INTERIOR
MAR 27 1961
REGION III
DENVER, COLORADO

Average of Reported production and Measured production:

From 20-754 E. Dr. - 16 tons @ $21.42 per ton.
From 20-785 E. Rs. - 162 tons @ $6.40 per ton.
From 20-813 Rs. & E. Sub. - 167 tons @ $30.85 per ton.
From 20-866 E. Dr. - 277 tons @ $16.59 per ton.

Average from totals of Reported production and Measured production: 622 tons @ $17.89 per ton.

James V. Mith,
Mine Geologist

JVM:jc

E-1218

For royalty payment of $556.38, dated March 27, 1961, see transmittal letter file.

8.00

Acting Field Officer
O.M.E. Region III
Building 20, Federal Center
Denver 25, Colorado

February 14, 1961

Re: Docket No. DMEA 4981 Contract No. E-1218

Dear Sir:

During the month of January 1961, ore produced on the 2005 level amounted to 968 tons having a net smelter return value of $17.43 per ton.

20-754 Drift was advanced 55 feet along a narrow fissure of low grade ore.

20-785 Raise was not advanced upward but was extended, in low grade ore, by eastward stoping.

20-813 Raise was not advanced upward but was extended, in high grade ore, by eastward sub-drifting and stoping.

20-866 Drift was advanced 45 feet, mostly in waste. The ore objective was reached by end of the month and some low grade ore was mined.

Production was determined as follows:

Reported production: Tons determined by the number of cars mined multiplied by 2.25 ton per car. Grade determined by averaging grab samples, taken by the miner, from each car.

From 20-754 Dr. - - - - - - - 335 tons @ $ 9.14 per ton 74 tons waste.
From 20-785 Rs. St. - - - - 223 tons @ $11.61 per ton 18 tons waste.
From 20-813 Rs.+Sub-Dr. - - 378 tons @ $31.93 per ton 14 tons waste.
From 20-866 Dr. - - - - - - - 36 tons @ $ 6.16 per ton 292 tons waste.

Measured production: Tons determined by volumetic measure in cu. ft. divided by 10 cu. ft. per ton. Grade determined by averaging grab samples taken at regular intervals.

From 20-754 Dr. - - - 336 tons @ $ 3.52 per ton.
From 20-785 Rs. St. - 223 tons @ $11.61 per ton (no stope volumetric measurement was determined and no cut samples were taken; therefore, reported production is accepted).
From 20-813 Rs.+Sub-Dr. - 370 tons @ $31.93 per ton (no cut samples were taken; therefore, miners grabs are accepted for grade).
From 20-866 Dr. - - 34 tons @ $ 6.16 per ton (no cut samples; therefore average of miners grabs is accepted for grade).

Average of Reported production and Measured production:

From 20-754 Dr. - - - 336 tons @ $ 6.33 per ton.
From 20-785 Rs. St. - 223 tons @ $11.61 per ton.

FEB 27 1961
O.M.E.

From 20-813 Rs.+Sub-Dr. - 374 tons @ $31.93 per ton.
From 20-866 Dr. - - - - - 35 tons @ $ 6.16 per ton.

Average from totals of Reported production and Measured production 968 tons @ $17.43 per ton.

James V. Muth
James V. Muth,
Mine Geologist

FEB 27 1961
O.M.E.

E-1218

For royalty payment of $843.61, dated February 24, 1961, see transmittal letter file.

E-1218

For royalty payment of $1,915.38, dated February 10, 1961, see transmittal letter file.

E-1218

For royalty payment of $1,251.56, dated December 15, 1960, see transmittal letter file.

E-1218

For royalty payment of $382.03, dated November 23, 1960, see transmittal letter file.

E-1218

For royalty payment of $706.06, dated October 28, 1960, see transmittal letter file.

E-1218

For royalty payment of $347.95, dated October 5, 1960, see transmittal letter file.

E-1218

For royalty payment of $444.93, dated August 26, 1960, see transmittal letter file.

E-1218

For royalty payment of $473.13, dated August 9, 1960, see transmittal letter file.

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY O. M. E. RECEIVED AUG 12 1960		
DATE	INITIALS	CODE
		800

August 9, 1960

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket DMEA-4981 (Lead-Zinc-Copper)
Contract Idm-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

This has further reference to your memorandum dated August 2, 1960 on the subject contract.

It is my thought that the attached copy of a letter from the superintendent of the subject property clarifies the matter of commingled ore. If this method of calculating the value of DMEA ore is not satisfactory, will you please advise.

Original signed by

Hugh M. Connors

Attachment

Reviewed & initiated
memorandum
GEF 8/15/60

Acting Field Officer
O.M.E. Region III
Building 20 - Federal Center
Denver 25, Colorado

July 27, 1960

ON
DEPARTMENT OF
AUG 5
REGION
DENVER, COL

Re: Docket No. DMEA 4981 - Contract E-1218
New Park Mining Company

Dear Sir:

During the month of May, ore was encountered in the 2005 West Drift and part of the production from the drift was shipped as ore.

During June, short drifts were run east and west along this fissure and more ore was produced. (20-789 E. & W. Drs.)

A drift was started from 20-866 cross-cut to develop ore located in drill hole No. 6 and ore was produced from this drift.

Because the ore is mixed with ore from other producing areas of the mine, tonnages and grade are estimated by averaging assay results from cut samples and comparing reported production with measured volume of material mined.

2005 W. Dr.

During May, 2005 W. Dr. produced 238 tons of ore at an average assay value of .05 Au, 1.3 Ag, 3.2 Pb, o.9 Cu, 5.4 Zn. This has a net smelter return value of $9.00 per ton. This was reported as $9.00 in the May progress report.

20-789 E. & W. Drs.

During June, these drifts produced a total of 410 tons at a value of $15.02 per ton calculated as follows:

Reported production - 427 tons @ $15.68 per ton (from grab samples.)

Measured volume - 393 tons @ .06, 1.8, 7.2, 1.2, 4.3 or $14.30 per ton (weighted average of cut samples.)

Average of reported production and measured volume - 410 tons @ $15.02 per ton.

20-866 Dr.

During June, this drift produced a total of 236 tons at a value of $9.46 per ton calculated as follows:

Reported production - 212 tons @ $11.86 per ton.

Measured volume - 257 tons @ .08, 1.7, 3.2, 0.4, 4.0 or $7.50 per tons.

Average of reported production and measured volume - 236 tons at $9.46 per ton.

Totals			From Check Stub		
May - - -	238 tons	@ $ 9.00	@ $9.00 = $2,142.00	* 2½%	$ 53.55
June - -	646 tons	@ $12.99	@ $12.99 = 8,391.54	5%	419.58
Total - -	884 tons	@ $11.86			473.13

E1218
New Park Mining Co.
$473.13

Very truly yours,

NEW PARK MINING COMPANY

Gale A. Hansen, Supt.

* P/B 2%

GAH:jc

AUG 2 1960

Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Field Operations

Subject: BMEA-4981 (Lead-Zinc-Copper)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract Ldm-Zi218

We have your memorandum of July 25, with enclosures, covering the handling of commingled ore. The method outlined by the Operator in its June 24, 1959, letter appears satisfactory if it is carried out. On the other hand, the 238 tons of ore shipped from the drifting, as noted in the May report, was assigned calculated grade. This method generally would not be acceptable. Incidentally, no royalty payment has yet been received on this ore though it was shipped in the month of May. It's a little difficult to understand how a 18-foot vein of $24.30 grade could be so badly diluted that the shipped product was only of $9.00 per ton value. The royalty payment should be accompanied by the grade calculation.

Obviously, a small tonnage shipped from a few drift rounds is nothing to fuss about, but we will expect a more precise control where ore tonnage is of any appreciable amount, in keeping with the attachments to your July 25 memorandum.

George C. Selfridge

WRGriswold/gla
8-2-60
cc to: Director's Reading File
Review Committee
CA&A Division
Docket
Chron

EXTRA COPY O. M. E RECEIVED JUL 28 1960		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

July 25, 1960

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D.C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. MMA 4981 (Lead-Zinc-Copper)
Contract No. Idm-E1218
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

This responds to your memorandum of July 8, 1960 on the subject docket.

We are informed that there has been no change in the Operator's method of handling the commingled ore since their proposal of June 24, 1959 was accepted by J. W. Townsend by his letter to the Operator, dated June 26, 1959.

Two copies of the Operator's letter dated June 24, 1959 and two copies of Mr. Townsend's reply dated June 26, 1959 are attached.

Original signed by

Hugh M. Connors

attachments
HMC/lm
cc: Royalty Corres E1218
Corres. E1218
Chron

NEW PARK MINING COMPANY

KEETLEY, UTAH

SALT LAKE CITY OFFICE
904 WALKER BANK BUILDING

June 24, 1959

OME
DEPARTMENT OF THE INTERIOR
JUN 25 1959
REGION III
DENVER, COLORADO

Mr. J. W. Townsend
Executive Officer, OME
Field Team, Region III
224 New Custom House
Denver 2, Colorado

Re: Docket No. DMEA 4981
Contract No. Idm-E1218

Dear Mr. Townsend:

We have had some discussion in the past several months with Mr. Howse and also with Mr. Finch regarding an accounting problem that may develop as we begin to produce ore on the property included in our above referenced DMEA project.

Our engineers report that development work on the 1380, 1505 and 1630 levels is bringing these particular drift headings within a short distance of the vertical DMEA royalty participation line, as shown on the maps accompanying our contract. We also anticipate that ore will be available on the 2005 level within a reasonably short time.

In analyzing the transportation and hoisting problems of these ores we find that it will be impossible to segregate them from the general mine run for transportation outside and shipment as separate lots to the custom smelter. To try and separate such ores would upset our handling procedures to the point that costs would be exorbitant and make some of this ore impossible to handle.

I have asked our geologists and engineers to analyse this situation and they find from past experience that the tonnage and grade of ores mined from any particular working place can be estimated quite accurately. We propose that in each of these DMEA participation working places that we will determine tonnage by measuring the cubic feet of ore mined and this will be checked by the mine car tally from that working place. Further, we will take a series of systematic cut samples

of the working faces and also grab samples from ore produced in these places.

Our experience in this work indicates that the plus or minus error will be approximately $1.00 per ton, or approximately 5%. As a matter of fact experience indicates that the grab samples and cut samples are on the high side compared to smelter returns as there is some dilution of mining. This will be to the advantage of the DMEA in making repayments. We do not feel that the amount of money will be detrimental to New Park, in fact it would tend to pay off the DMEA loan a bit sooner.

We feel that this is an equitable and sensible solution and would appreciate your approval in the near future to eliminate any misunderstanding when ore returns do come from these DMEA areas.

Very truly yours,

NEW PARK MINING COMPANY

Clark L. Wilson
Vice President

CLW:jw

[illegible] New Customhouse
Denver [illegible], Colorado

June [illegible], 195[illegible]

Mr. Clark L. Wilson, Vice-President
New Park Mining Company
[illegible] Walker Bank Building
Salt Lake City, Utah

Re: Docket No. DMEA 4981 (Lead-Zinc-Copper)
Contract No. Idm-E1213
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Dear Mr. Wilson:

Thank you for your letter of June 24, 1956, regarding the co-mingling of DMEA ore with company ore. We believe that your proposed method of estimating the grade and tonnage of DMEA ore is fair to all concerned.

Please submit to this office each month three copies of a letter showing the number of cubic feet of ore mined in each DMEA heading checked by mine car tallies, together with cut sample assays from all working faces, and grab sample assays from the muck piles, and the total estimated value.

For your convenience we are attaching a table showing the basis for computing DMEA royalty payments.

Very truly yours,

Original signed by
J W TOWNSEND

J. W. Townsend,
Executive Officer, OME
Field Team, Region III

Enclosure

HMC:ltm

cc: Chmn. Op. Comm. (2)
Royl. file. E1213.
Chron.

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED JUL 14 1960
DATE CODE
900

July 12, 1960

Gale A. Hansen
General Superintendent
Mayflower Mine
New Park Mining Company
Hartley, Utah

Re: DMRA 4981 (Copper-Lead-Zinc)
Contract I&m E1218
New Park Mining Company
(Mayflower mine)
Wasatch County, Utah

Dear Mr. Hansen:

This has further reference to our discussion June 24, 1960 relative to commingling Project ore and Company ore.

Will you please write me a letter stating what methods of control are being used and will continue to be used to determine the tonnage, grade, and value of Project ore which is commingled and shipped with Company ore.

Very truly yours,

Original signed by

Hugh M. Connors
Acting Field Officer
OME, Region III

HMC/lm
cc: Chief, Division of Field Operations (2)
Contract Corres E1218
Chron

JUL 8 1960

Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Field Operations

Subject: DMEA-4981 (Copper-Lead-Zinc)
New Park Mining Company
Mayflower Mine
Wasatch County, Utah
Contract 1dm-E1218

We note in our copy of the June 28 memorandum of T. M. Romelo that a few-hundred tons of project ore were commingled with the Operator's ore and shipped for milling. We trust that in the future there will be increasing amounts of such project ore, which presumably will be commingled with other ores before going to the mill.

In such instances, where commingling is unavoidable, we always try to come to some arrangement with the Operator which will be mutually satisfactory. Therefore, will you get in touch with the representatives of the New Park Mining Company, asking how they propose to handle the problem, what methods of control they propose, etc., and advise us accordingly, with your recommendations.

George C. Selfridge

WRGriswold/fw-7/7/60

cc: Docket
Dir.Read.File
Review Committee
CA&A Division
Chron.
Mr. Kirkemo, USGS

224 New Customhouse
Denver 2, Colorado

June 26, 1959

Mr. Clark L. Wilson, Vice-President
New Park Mining Company
904 Walker Bank Building
Salt Lake City, Utah

Re: Docket No. DMEA 4981 (Lead-Zinc-Copper)
Contract No. Ida-XIR16
New Park Mining Company
(Mayflower Mine)
Wasatch County, Utah

Dear Mr. Wilson:

Thank you for your letter of June 24, 1959, regarding the co-mingling of DMEA ore with company ore. We believe that your proposed method of estimating the grade and tonnage of DMEA ore is fair to all concerned.

Please submit to this office each month three copies of a letter showing the number of cubic feet of ore mined in each DMEA heading checked by mine car tallies, together with cut sample assays from all working faces, and grab sample assays from the muck piles, and the total estimated value.

For your convenience we are attaching a table showing the basis for computing DMEA royalty payments.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend,
Executive Officer, OMS
Field Team, Region III

Enclosure

HMC:ltm

cc: Chem. Op. Comm. (2)
Royl. file, E1218
Chron.

OME
DEPARTMENT OF THE INTERIOR
JUN 25 1959
REGION III
DENVER, COLORADO

June 24, 1959

Mr. J. W. Townsend
Executive Officer, OME
Field Team, Region III
224 New Custom House
Denver 2, Colorado

Re: Docket No. DMEA 4981
Contract No. Idm-81218

Dear Mr. Townsend:

We have had some discussion in the past several months with Mr. House and also with Mr. Finch regarding an accounting problem that may develop as we begin to produce ore on the property included in our above referenced DMEA project.

Our engineers report that development work on the 1360, 1505 and 1630 levels is bringing these particular drift headings within a short distance of the vertical DMEA royalty participation line, as shown on the maps accompanying our contract. We also anticipate that ore will be available on the 2005 level within a reasonably short time.

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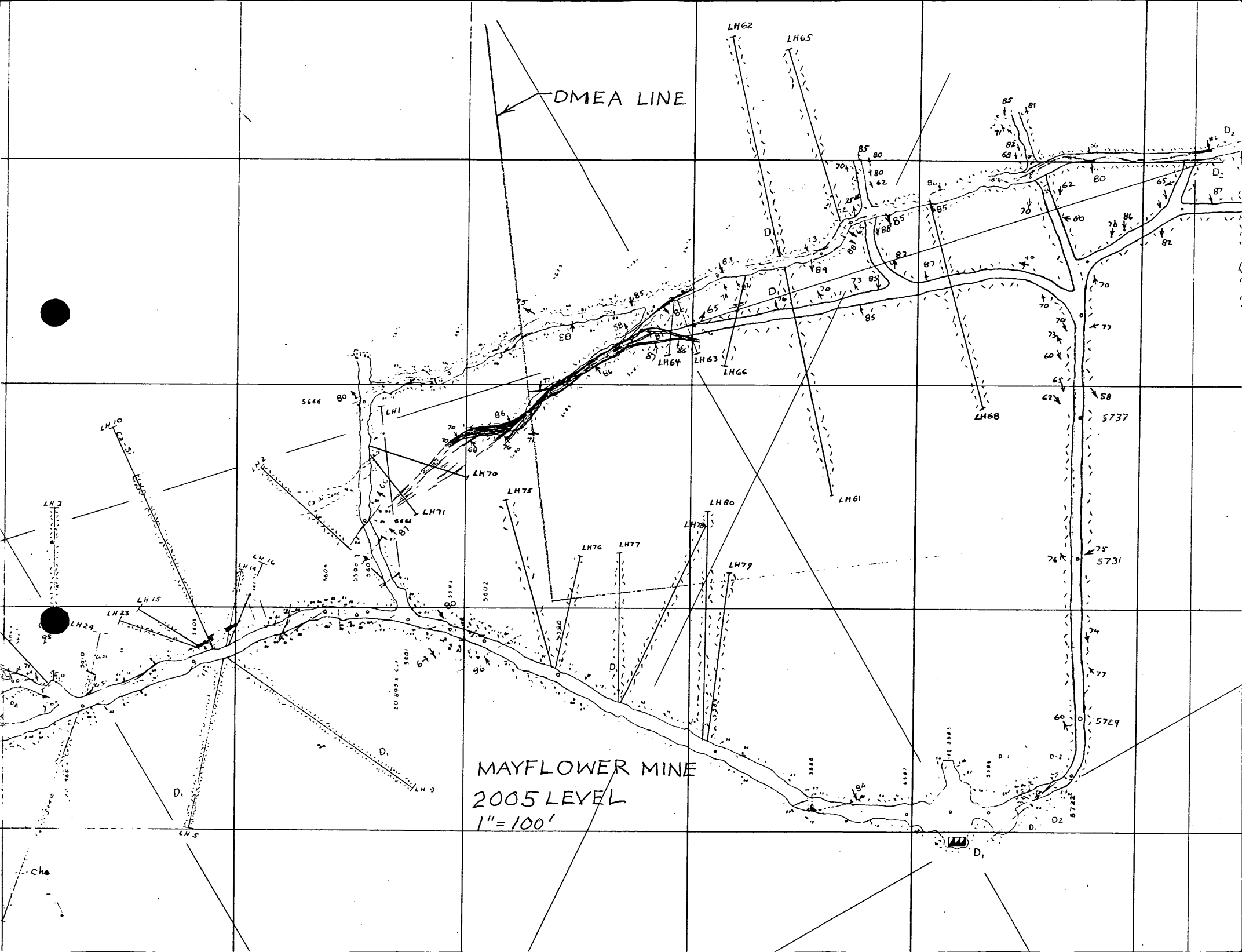
Very truly yours,

NEW PARK MINING COMPANY

Clark L. Wilson
Vice President

CLW:jw


DMEA LINE
MAYFLOWER MINE
2005 LEVEL
1"=100'
LH62
LH65
LH64
LH63
LH66
LH68
LH61
LH1
LH70
LH71
LH75
LH76
LH77
LH80
LH79
LH10
LH2
LH3
LH15
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LH24
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5666
5737
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D1
D2