UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington

July 20, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 27 1959

DATE	INITIALS	CODE
7/27	RCW	225
"		110
7/28		800
"	K	300

Memorandum

To: OME Field Team, Region I

From: R. D. Sample, Geologist, U. S. Geological Survey

Subject: Interim inspection, Docket No. DMEA-4870 (Lead-Zinc), Viking Mines, Inc., Garfield Mine, Blaine County, Idaho, Contract No. Idm-E1193

The above property was visited and inspected on July 17, 1959 accompanied by Verne L. McGowan, general manager of the corporation. Work under the contract was suspended during the period beginning October 15, 1959, and ending not later than July 1, 1959 (Amendment 1). Work on rehabilitation of the old incline shaft was resumed during the last week of June 1959. The work consisted mainly of unwatering the shaft which had filled to the collar from the spring runoff. The water was lowered approximately 60 feet below the collar. At this point, McGowan reports that an old crosscut takes off from the incline and extends for about 20 feet in a northerly direction. The strong, east-trending fault and fracture zone and target area of the contract at a lower elevation would lie about 10 or 20 feet ahead of this crosscut. It is Mr. McGowan's belief that a few long holes at the face of this crosscut will prove or disprove the presence of replacement ore bodies along the fracture zone and may be a deciding factor for the continuation of the inclined shaft. Mr. McGowan plans to ask for an amendment to the contract to do this exploration work.

Shortly after this old crosscut was discovered, one of the contractors became ill with a kidney ailment and rehabilitation work on the inclined shaft was suspended. By the time of inspection water was again up to within 40 feet of the collar. The old crosscut could not be examined. Its presence and position is known only from Mr. McGowan's statements. If this old crosscut does not require much rehabilitation it would appear that a relatively small footage of long-holing from the face would be desirable.

No further long-hole drilling in the N-NE crosscut of the 9100 level is contemplated at this time. The four holes already drilled with a total footage of 198 feet failed to disclose any evidence of a downward projection of the mineralized body ("D" bed) found on the surface.

The portion of the old incline which has been rehabilitated requires very little timbering as the sides and back in the dolomitic limestone stand well. As soon as the spring runoff is over there should be no more water problem for the remainder of the summer and fall. The termination date of the contract has been extended from November 15, 1959 to November 15, 1960 (Amendment No. 1).

R. D. Sample

Distribution:
OME (4)
USBM (2)
USBM(AD)
Docket
Sample

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
1201 N. Division St.
Spokane 2, Washington

June 22, 1959

OFFICIAL FILE COPY
O M E
RECEIVED JUL 13 959

DATE	INITIALS	CODE
7-13	gad	110
"	[illegible]	110
7/15	[illegible]	800
7/9	K	500

MEMORANDUM

To: OME Field Team, Region I

From: Wm. M. Romischer, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-4870 (lead-zinc), Viking Mines, Inc., Garfield Mine, Blaine County, Idaho, Contract No. Idm-E1193

A visit was made to the mine camp where Mr. Verne McGowan was interviewed June 13. The last inspection was made October 22, 1958. The contract work has been suspended since October 15, 1958, as authorized under Amendment No. 1. July 1, 1959 is the required date for resumption of the project work. One man who will be employed on the contract work was at the camp with Mr. McGowan rehabilitating the living quarters.

Mr. McGowan expects to resume the contract work in about another week. A very moderate winter was experienced the past year. Mr. McGowan said they had to tunnel through the snow to enter the mine, but it should be melted or removed in a few days. Very little work was required to rehabilitate the access road below the camp, but between the camp and the mine will require a little more.

Wm. M. Romischer

Wm. M. Romischer

Distribution:
OME (4)
USGS (2)
USBM (AD)
Docket
Romischer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

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O. M. E.
RECEIVED NOV 18 1958

DATE	INITIALS	CODE
11/18	JV.J.	226
		100
"	JY	110
11/18	EW	800
11/19	RDM	320

October 31, 1958

MEMORANDUM

To: OME Field Team, Region I

From: Wm. M. Romischer, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-4870 (lead-zinc), Viking Mines, Inc., Garfield Mine, Blaine County, Idaho, Contract No. Idm-E1193

The property was visited October 22. The previous inspection was made on August 8. Mr. Verne L. McGowan and Glen Boulton, miner, were at the property.

Since the last inspection long holes No. 2 and 3 were lengthened from 40 to 47 feet and from 12 to 44 feet, respectively. Hole No. 4 was collared and drilled for 50 feet on a bearing of N. 53° E. and inclined +46°. The additional footage totals 89 feet. The total number of long holes drilled is 4 and the total footage is 198 feet. No mineralized material was encountered in any of the four holes but oxidized beds were encountered between 24.5 and 33.5 feet in hole No. 4. An additional 97 feet of 2-inch airline and ½-inch water line was installed in the 9100 level NEXE for the drilling of hole No. 4.

The winze station on the 9100 level was completed and a skip, track and dump installed. The winze had the water lowered in it to 61 feet below the 9100 level sill. This winze had one wall sideswiped to 39 feet below the sill. This enlarged the cross sectional opening of the winze from 5 to 5.5 feet by 6 feet wide to 5 to 5.5 feet by 8 feet wide. The average inclination of the winze is about minus 45°. The track for the skip was installed for about 24 feet below the sill. The winze is in good ground and stulls with sills across the bottom are used to anchor the track for the skip and the ladders for the manway. ?

Mr. McGowan stated he expected to work about another week at the property. No more contract work would be completed and the time would be used to put the property in shape for a shutdown. The Operator intended to request a recess for the winter because of the slippery condition of the access road during wet weather.

The Operator will have to accelerate the rate at which the work is being completed if he is to complete the contract by November 15, 1959.

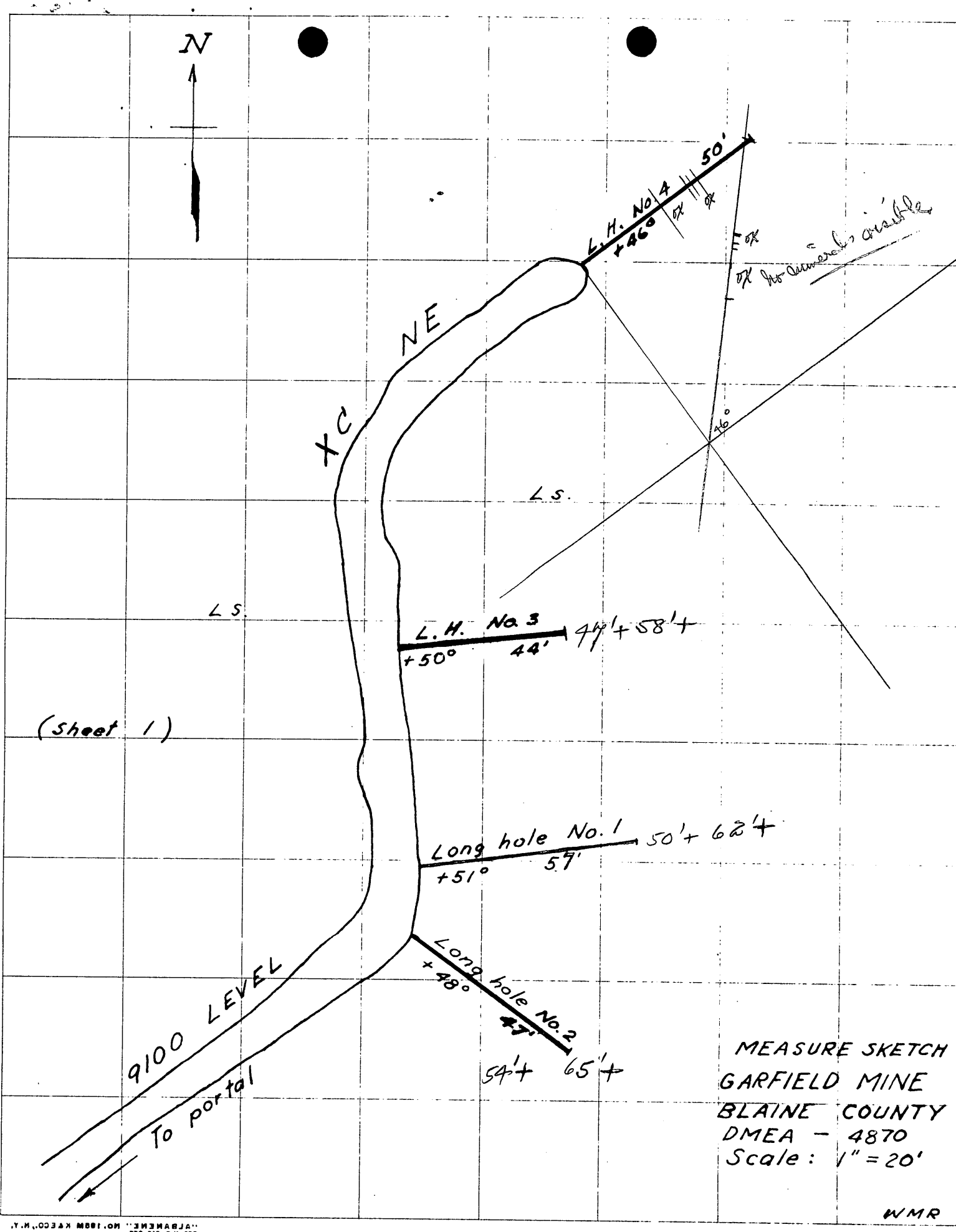
The status of the contract is:

Date of contract: May 16, 1958
Termination date: November 15, 1959
Amount of contract: $36,846.00
Amount spent: none

Stage I	Authorized	Completed
Bulldozing	40 hrs.	20 hrs.
Assays (for Pb, Zn and Ag)	50	—
Rehabilitation of winze	100 ft.	39 ft.
Sinking winze	110 ft.	
Timbering winze	30 ft.	
Drifts and crosscuts	250 ft.	
Timbering of drifts and crosscuts	50 ft.	
8940 level station	812 cu. ft.	
Timbering of station	29 ft.	
Installation of air and water pipe on 9100 level	325 ft.	291 ft.
Long hole drilling:		
On 9100 level	350 ft.	198 ft.
On 8940 level	250 ft.	

Wm. M. Romischer

Distribution:
OME (4)
USGS (2)
USBM (AD)
Docket
Romischer


N
L.H. No 4
+46°
50'
ok
ok
ok
ok
No camera available
NE
XC
46°
L.S.
L.S.
L.H. No 3
+50°
44'
49'+ 58'+
(Sheet 1)
Long hole No. 1
+51°
57'
50'+ 62'+
Long hole No. 2
+48°
47'
54'+ 65'+
9100 LEVEL
To portal
MEASURE SKETCH
GARFIELD MINE
BLAINE COUNTY
DMEA - 4870
Scale: 1" = 20'
WMR

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
September 18, 1958

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 7 1958

DATE	INITIALS	CODE
10-7	C	220
"	Clem	100
"	FG	110
10/8	EEB	800
~~10/8~~	~~Kbg~~	~~500~~

MEMORANDUM

To: OME Field Team, Region I

From: Howard F. Albee, Geologist, U. S. Geological Survey

Subject: Interim inspection, Docket No. DMEA-4870 (Lead-Zinc), Viking Mines, Inc., Garfield Mine, Blaine County, Idaho, Contract No. Idm-E1193

The property was visited September 18, 1958. Verne L. McGowan, president of the corporation, was present.

The winze station on the 9100 level was completed and the winze was rehabilitated to 33 feet with the specified dimension of 5 by 8 feet in the clear of timber.

Long holes 3 and 4 have been completed. No. 3 is 44 feet long on a bearing of N. 85° E. and inclined +50½°. No mineralization was encountered. No. 4 is 35 feet long on a bearing of N. 53° E. and inclined +46°. Mineralized material was not seen in long hole 4, but oxidized beds were encountered at 24½ feet.

The driller's log reads:

0 - 24½'	gray and dark-blue limestone
24½' - 32½'	soft, light-brown, oxidized beds ?
32½' - 33½'	dark-gray limestone
33½' - 35'	soft, light-brown, oxidized material ?

The chances are good that the oxidized beds represent the "D" beds shown on plate 1 of the contract. If this is correct, the first three long holes should pick it up if they can be lengthened. The Operator is trying to rig up a high pressure water pump for his drill macine that will enable him to deepen the holes.

Since the last visit the Operator has laid 97 feet of 2-inch water line and ½-inch airline in the NEXC.

The status of the contract is:

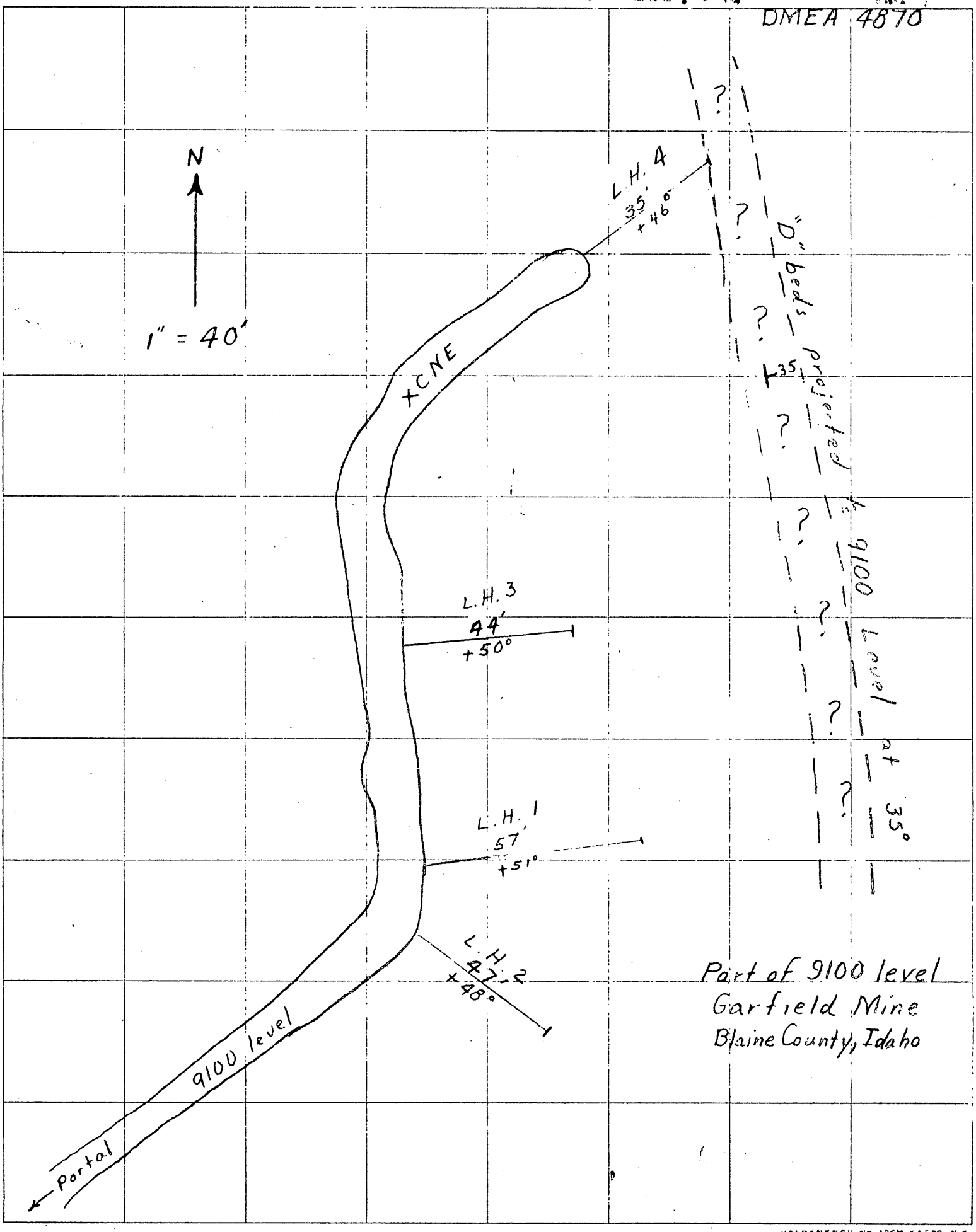
Date of contract:	May 16, 1958
Termination date:	November 15, 1959
Amount of contract:	$25,670.30 (Stage I)
	11,175.00 (Stage II)
Total rounded to:	$36,846.00
Amount spent:	none

Stage I	Authorized	Completed
Bulldozing	40 hrs.	
Assays (Pb, Zn & Ag)	50	
Rehabilitation of winze	100 ft.	33 ft.
Sinking winze	110 ft.	
Timbering winze	30 ft.	
Drifts and crosscuts	250 ft.	
Timbering of drifts and crosscuts	50 ft.	
8940 level station	812 cu.ft.	
Timbering of station	29 ft.	
Installation of air and water pipe on 9100 level	325 ft.	291 ft.
Long hole drilling:		
on 9100 level	350 ft.	183 ft.
on 8940 level	250 ft.	

Howard F. Albee

Distribution:
DMEA(Orig.&3)
USBM(2)
USBM(AD)
Docket
Albee

DMEA 4870



Part of 9100 level
Garfield Mine
Blaine County, Idaho

"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1201 N. Division St.
Spokane 2, Washington

August 19, 1958

8-26 C 220
26 Com 100
" Fel 110
8/27 Bes 800
" alt 500
Kling

MEMORANDUM

To: DMEA Field Team, Region I

From: Wm. M. Romischer, Mining Engineer, U. S. Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-4870 (lead-zinc), Viking Mines, Inc., Garfield Mine, Blaine County, Idaho, Contract No. Idm-E1193.

The property was visited August 8. The previous inspection was made on July 16. Mr. Verne L. McGowan, geologist, accompanied me on the inspection.

Since the last inspection the Operator had partly completed drilling 3 long holes (No. 1, 57 feet long, No. 2, 40 feet, and No. 3, about 12 feet) for an aggregate of 109 feet. The holes are drilled from the crosscut NE on the 9100 level to test the "D" bed ore shoot. The slope of the holes varies from plus 48 to 55 degrees. No significant mineralization was indicated in the sludge from any of the holes thus far.

The pressure used to circulate the drilling water is evidently inadequate to drill these holes as the drill bit sticks. A small pump has been ordered to increase the pressure on the drilling water. The pump should be available in a few days.

The status of the contract is:

Date of contract:	May 16, 1958	
Termination date:	November 15, 1959	
Amount of contract:	$25,670.30	(Stage I)
	11,175.00	(Stage II)
Total rounded to:	36,846.00	
Amount spent:	none	

Note duplicate exams

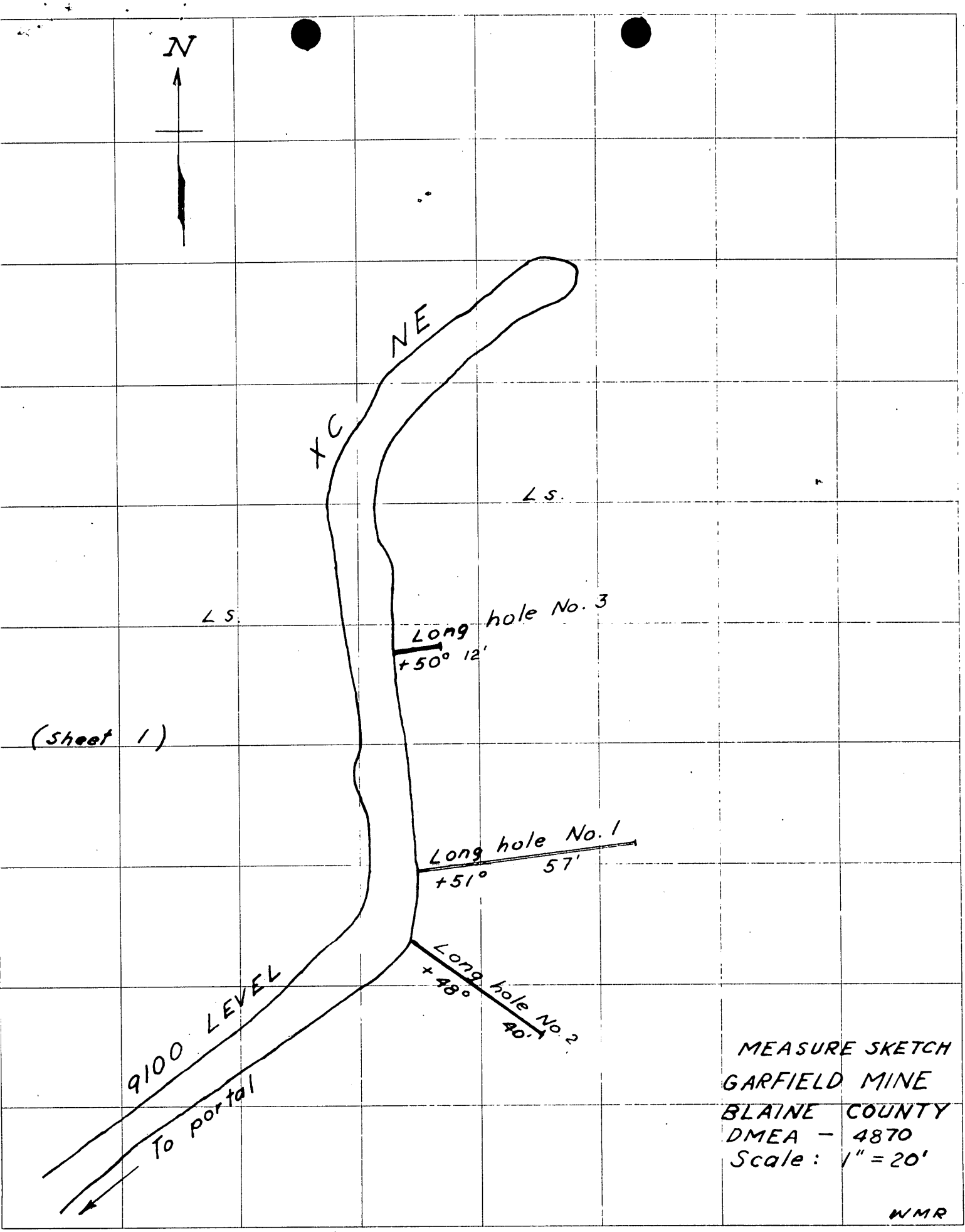
Stage I	Authorized	Completed
Bulldozing	40 hrs.	
Assays (for Pb, Zn & Ag)	50	
Rehabilitation of winze	100 ft.	
Sinking winze	110 ft.	
Timbering winze	30 ft.	
Drifts and crosscuts	250 ft.	
Timbering of drifts and crosscuts	50 ft.	
8940 level station	812 cu. ft.	
Timbering of station	29 ft.	
Installation of air and water pipe on 9100 level	325 ft.	
Long hole drilling:		
on 9100 level	350 ft.	109 ft.
on 8940 level	250 ft.	

No DMEA production this period.

Wm M. Romischer

Wm. M. Romischer

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Romischer



"ALBANENE" No. 1088M K&E CO., N.Y.
REG. U.S. PAT. OFF.
A. Gendron Co., Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington
August 13, 1958

DMEA
RECEIVED AUG 25 1958
DATE | INITIALS | CODE

MEMORANDUM

To: DMEA Field Team, Region I

From: Howard F. Albee and Donald R. MacLaren, Geologists, U. S. Geological Survey

Subject: Interim inspection, Docket No. DMEA-4870 (Lead-Zinc), Viking Mines, Inc., Garfield Mine, Blaine County, Idaho, Contract No. Idm-E1193.

The property was visited on August 13, 1958, by the authors. Rollo Sweat and William Murphy, workmen, were present.

The rehabilitation of the winze was in progress on the 9100 level. The station was being cut and slab rounds were being mucked out. The most northerly drift had been cleaned out in order to move an air tugger from the drift face to the winze station.

The first three long holes have been drilled in the northeast drift, but because of insufficient water pressure they were only drilled 57, 40, and 40 feet, respectively. The cuttings have not been assayed as yet and from inspection they do not appear to be mineralized. The Operator is connecting a high pressure pump to the water line and expects to complete the three holes drilled and to drill the remaining two holes to the length specified in the contract.

Distribution:
DMEA(Orig.&3)
USBM(2)
USBM(AD)
Docket
Albee

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

July 24, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 4 1958

DATE	INITIAL	CODE
8/4	J.G.	225
8/5	[illegible]	100
~~8/5~~	~~[illegible]~~	110
8/5	[illegible]	800
		500

MEMORANDUM

To: DMEA Field Team, Region I

From: Wm. M. Romischer, Mining Engineer, Bureau of Mines

Subject: Initial inspection, Docket No. DMEA-4870 (lead-zinc), Viking Mines, Inc., Garfield Mine, Blaine County, Idaho, Contract No. Idm-E1193.

The property was visited July 16. Mr. Verne L. McGowan, geologist, and Mr. Rollo Sweat, workman, were at the mine.

The contract specified that work was to start by July 15. At the time of the inspection the Operator had completed the road work necessary to rehabilitate the 4.9 mile access road from the point where it branches off the county road to the Garfield mine. According to Mr. McGowan this work was done during the latter part of June with a D-6 caterpillar bulldozer.

The grade of the road for the first 2.6 miles to the lower camp is relatively gentle but for the last 2.3 miles, from the camp to the mine, the grade is much steeper. The altitude at the camp is about 7200 feet and at the portal of the Eagle Bird (adit) tunnel of the Garfield mine is 9100 feet. The road can easily be traveled, under ordinary weather conditions, by any vehicle with a good clearance. The job done on the road rehabilitation is considered satisfactory.

At the mine 194 feet of 2-inch air and 1/2-inch water line was installed in the Eagle Bird tunnel. This is in addition to the lines installed before the contract was executed. These facilities are now available at the XC NE on the 9100 level where the five proposed long holes are to be drilled to test the "D" bed ore shoot.

Outside some distance from the portal a 315 cfm Ingersoll-Rand portable gasoline-driven compressor was being connected.

According to Mr. McGowan, after the five long holes are completed the rehabilitation of the inclined shaft will commence. Mr. McGowan is of the opinion they can continue doing the contract work thru November.

Wm. M. Romischer

Wm. M. Romischer

Distribution:
DMEA (4) Docket
USGS (2) Romischer
USBM (AD)