DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

September 10, 1958

Memorandum

To: Wingfield N. Chamberlain, Statistics Branch

From: W. R. Griswold, Director
Division of Base Metals

Subject: Semi-annual reports on certified projects, period January 1 to June 30, 1958

The following projects were inactive during the cited period:

DMEA 1088, Idm-E 122 - Shelton Mining Co.
" 2485 " 325 - Dale Mining Co.
" 1098 " 134 - Combined Metals Reduction Co.
" 1371 " 48 - National Lead Co.
" 1094 " 16 - Maildriver Mining Co.
" 989 " 131 - Harrington Mines Co.
" 2309 " 295 - Comet Mines, Inc.
" 1923 " 340 - United Mining Development Co.
" 2341 " 436 - Western States Copper Corp.
" 3385 " 739 - Elkhorn Cons., Inc.
" 2672 " 437 - Duke Page Auto Co.
" 1 & 1A " 4 - Chief Cons. Mining Co.

W. R. Griswold

WRG/izm

Copies for each docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
Box 431
Joplin, Missouri
August 12, 1958

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DMEA
RECEIVED AUG 13 1958

DATE	INITIALS	CODE
8/19	N.G.	230
"	[illegible]	100
"	[illegible]	110
		800
8/26	[illegible]	500
8/26	[illegible]	

DMEA Operating Committee
Room 4457 - Interior Bldg.
Department of the Interior
Washington 25, D. C.

Re: Field-Team Semi-Annual Reports on Certified projects, Region IV for period ending July 31, 1958.

Dear Sirs:

We are assured that for the 6-month period ending July 31, 1958, there were no pertinent production or development activities, and no royalties are due the Government under any of the six DMEA Project Contracts which have been certified in Region IV, listed as follows:

Docket No.	Operator	Project Contract No.
DMA-197X (manganese)	Westmoreland Manganese Corp.	I-DMA-E8
DMA-2002X(manganese)	Westmoreland Manganese Corp.	Idm-E139
DMA-1088X(zinc)	Shelton Mining Co.	Idm-E122
DMA-1371X(lead,etc.)	National Lead Co.	Idm-E48
DMA-2202X(mercury)	Amerimax Mining Co.	Idm-E468
DMEA-2485(lead-zinc)	Dale Mining Co.	Idm-E325

Sincerely yours,

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

cc: DMEA Op.Com.(3)
King,USGS,Denver
Amos,USGS,Knoxville
Semi-Annual Report file
197X-2002X file
1088 file
1371 file
2202X file
2485 file

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

500

February 24, 1958

Memorandum

To: The Administrator

From: Director, Division of Base Metals

Subject: Summary of Certified Projects.

We have reviewed the 92 certified projects in the Division of Base Metals with a view of sorting out the "weak sisters".

The following 16 certifications appear to have little actual value, for the reasons stated.

It is probable that many of the other certifications will never go into production, yet you and I are both old enough to know that the such-marginal ores today are the normal millheads of tomorrow. Obviously, much will depend upon the trend of the metal market over the next six or eight years.

CERTIFICATIONS OF DUBIOUS VALUE

Docket No.	Contract No.	Name
DMEA- 86	Idm-E 7	Combined Metals Reduction Company 1,000 tons - Small ore pod, practically worked out.
DMEA- 113	Idm-E265	New Quincy Mining Company Small ore pod - about 100 tons, substantially worked out.
DMEA- 420	Idm-E 10	Bristol Silver Mines, Company 2,865 tons - 15% Mn. Small bunch of low grade Manganese material of no apparent value.

8623

Certifications of dubious value (con't)

Decket No.	Contract No.	Name
DMEA- 652	Idm-E177	South Mountain Mining Company Ore reserves were estimated to be 180,000 tons; 7.86% Zn., 2.33% Cu., 0.59 Pb., and 8.1 oz. Ag. Present operator, Potash Company of America, states ore reserves are finished, after about 9,000 tons having been produced.
DMEA- 764	Idm-E109	United Mining and Leasing Corporation Reserve 2,475 tons - 5.17% Zn., 2.7% Pb., 1.2oz. Ag. and 0.07 oz. Au. Small tonnage of very low grade ore, mine closed and flooded.
DMEA- 989	Idm-E131	Harrington Mines, Inc. Original ore reserve 200 tons of which 175 tons have been mined. As far as is known, little ore remains.
DMEA-1050	Idm-E 35	Utah Lode Company Reserve 21,500 tons - 4.7% Zn., 0.8% Pb., 0.10% Cu., 5.3 oz. Ag. and 0.03 Au. Off grade
DME--1088	Idm-E122	Shelton Mining Company 70,000 tons - 1.3% Zn., .15% Pb., Impossibly low grade ore.
DMEA-1094	Idm-E 16	Baildriver Mining Company 4,419 tons - 3.9% Pb., 3.0% Zn., 6.6 oz. Ag., 0.08 oz. Au. Subsequent work has shown this ore to be non-existant.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the period January 1 - June 30, 1957

Base Metals Division Date February 13, 1958

Semi-Annual Report - Certified Project Date

DMEA No. 1088 Operator Shelton Mining Company Contract No. Idm-E 122

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	70,000	Zn. 1.3; Pb. .15
Increase (Operator)		
Total		
Decrease (Production)		
Net Available		

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

W. R. Griswold/er

DEFENSE MINERALS EXPLORATION ADMINISTRATION
For the Period January 1 - June 30, 1956

Base Metals Division Date **September 17, 1956**

Semi-Annual Report - Certified Project Date **September 4, 1956**

DMEA No. **1088X** Operator **Shelton Mining Company** Contract No. **Idm-E 122**

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)		
Total		
Decrease (Production)		
Net Available		

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

There has been no work on this indicated deposit since discontinuance of the project work October 13, 1952.

During the past 6 months a newly formed concern headed by Mr. J. G. Shelton, the previous Operator, and Mr. Jack Fleischaker, Attorney in Joplin, have been preparing a DMEA application, had an engineering and geologic report prepared by Mr. Otto Ruhl, consulting engineer of Joplin, and carried on negotiations with the various land-owners for new leases on all properties that were included under the cited contract.

J. W. Alt/er

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 5 1958

DATE	INITIALS	CODE
5/5	C	220
5/6	[illegible]	500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
Box 431
Joplin, Missouri
April 30, 1958

DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Semi-Annual Reports on
Certified projects, Region IV
for period ending Dec. 31,1957

Dear Sirs:

Transmitted herewith are three copies of the subject report on Projects Contract I-DMA-E8 and Idm-E139, Westmoreland Manganese Corporation (DMA-197X and -2002X) which was evidently the only deposit with DMEA production during that period.

There was no activitiy at deposits on any of the other four Certified DMEA projects of Region IV listed as follows:

Docket No.	Operator	Project Contract No.
DMA-1088X (zinc)	Shelton Mining Co.	Idm-E122
DMA-1371X (lead,etc.)	National Lead Co.	Idm-E48
DMA-2202X (mercury)	Amerimex Mining Co.	Idm-E468
DMEA-2485 (lead-zinc)	Dale Mining Co.	Idm-E325

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

encl. 3

cc: DMEA Op.Com.(2)
King,USGS,Denver w/cy encl.
Amos,USGS,Carbondale w/cy encl.
Semi-Annual Report file
197X/2002X file
1088 "
1371 "
2202 "
2485 "

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DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE
8/5	Com	100
8/7	Alt	500

Semi-Annual Report

on

Certified Project

by

Clinton C. Knox, DMEA Field Team, Region IV

July 31, 1957

Period: ending June 30, 1957 Field Examination: ~~None~~

Operator: Shelton Mining Co., Webb City, Mo.

Mine name: Virginia

Location: Near Purcell, Jasper County, Mo. - Tri-State Zinc Mining district

Docket: DMA-1088x(zinc)

Project Contract: Idm-E122, dated 8/21/51

Certification: Issued 5/7/53

No work has been done on this indicated deposit since discontinuance of the project work October 13, 1952.

This and adjacent properties leased by Shelton & Fleischaker, Partners, during 1956, were the subject of their application DMEA-4520, lead-zinc, submitted to DMEA October 24, 1956. Upon receiving the letter of July 11, 1957, from the Administrator of DMEA notifying that this application was considered as having been withdrawn, Mr. Shelton came to the Field Team Office in Joplin and took sharp issue with the statements attributed in that letter to the Field Team report by C. C. Knox which actually recommended denial without prejudice to the property. Perhaps Field Team examiners should furnish applicants a complete copy of their reports and be more careful not to state their reasons for recommendations therein, henceforth, if those reports are no longer to be held in confidence or excerpts in context are to be taken therefrom.

Anyhow, Mr. Shelton is an elderly gentleman no longer considered entirely competent to conduct such negotiations or supervise any kind of mining explorations. While he admitted advising Knox at various times

ACTION ON INTERIM
OR FINAL FIELD REPORTS

Date 8/5

Referred to:

1. ~~Mr. Mitchell~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. Division
6. ~~Docket Control Mails and Files~~
7. 500

Note comments in report regarding:

1. Check docket to
2. find out what
3. Knox is talking
4. about in last Sentence
2nd ¶

and take appropriate action.

Action taken by Division:

Letter — Knox, as usual, is slightly unbalanced.

W R B

Robert E. Adams

verbally that the leases had not been validated and that the three bidding churn drill contractors and his consulting geologist no longer were available, he emphasized that if DMEA had shown any promptness in complying with the application proposal, he repeatedly also explained at the same times that those requirements could be met on short notice. He said that he would be in position shortly to support and request reconsideration of the application.

His partner, Mr. Jack Fleischaker, one of the most able young attorneys of Missouri, and for the past several years, Chairman of the Democratic Committee for this part of the State, has made no comments concerning DMEA or any intent to request its reconsideration of the application.

Needless to say, they have done no work and spent no money on the properties, and no doubt Mr. Fleischaker is too conservative to foster such in the face of the present zinc market outlook.

Clinton C. Knox

Clinton C. Knox
Mining Engineer

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DMEA
RECEIVED APR 29 1957

DATE	INITIALS	CODE
4-30	C	220
5/1	CBM	100

Semi-Annual Report

on

Certified Project

By

Clinton C. Knox, DMEA Field Team, Region IV

March 28, 1957

Period: ending December 31, 1956 Field examination: None

Operator: Shelton Mining Co., Webb City, Mo.

Mine name: Virginia

Location: Near Purcell, Jasper County, Mo. - Tri-State Mining district

Docket: DMA-1088X(zinc)

Project Contract: Idm-E122, dated 8-21-51

Certification: Issued 5-7-53

No work has been done on this indicated deposit since discontinuance of the project work October 13, 1952.

The newly formed partnership of Shelton and Fleischaker, mentioned in the previous Semi-Annual Report of September 4, 1956, submitted an application(DMEA-4520) October 24, 1956 for a $15,435 exploratory churn drilling program on this "Certified" property and adjacent tracts.

A draft of the Field Team report by the Survey Member was received January 8, 1957, tentatively recommending limited approval of some of the proposed drilling on adjacent tracts but none on the Virginia. A field examination was not deemed necessary and following receipt of a better map, geologic sections and revision of the application proposal on February 19 from Mr. Harold Sheeran, the Applicant's newly appointed Geologist, and copies of bids obtained March 13 by Mr. Fleischaker from three reliable drilling contractors, the Field Team report and recommendations is expected to be completed for submittal to Washington in April. By that time it is also expected that the Applicant will have negotiated suitable extensions of time on certain of its leases.

COPY Box 431, Joplin, Missouri COPY

AIRMAIL April 25, 1957

DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Certified projects, Region IV

Dear Sirs:

Transmitted herewith are the original and three copies each of the Semi-Annual Reports as of December 31, 1956 covering the following six projects which have been Certified in this region:

Docket No.	Operator	Project Contract No.
DMA-197X &-2202x(Mn)	Westmoreland Corp.	I-DMA-E8 & Idm-E139
DMA-1088X (Zn)	Shelton Mng. Co.	Idm-E122
DMA-1371X (Pb,Cu,Co,Ni)	National Lead Co.	Idm-E48
DMA-2202X (Hg)	Amerimex Mng. Co.	Idm-E468
DMEA-2485 (Pb,Zn)	Dale Mng. Co.	Idm-E325

Of the above, no work has been done on the Shelton and National Lead deposits since completion ofthe work on those DMEA exploration projects and none appears likely in the foreseeable future. In two brief production efforts, Dale Mining Co. repaid over half of its DMEA loan, but then disbanded all its operations and relinquished its mining leases so that no additional royalty is expected from that deposit in the foreseeable future. The two Westmoreland Certifications and that of Amerimex are in much the same category in that those corporations are defunct which were parties to the DMEA project contracts, and Guarantors thereunder have not responded to our efforts to collect the Government's royalty on production which has been obtained by the present operating concerns. According to the available information production continuing by the U. S. Managanese Corporation on the Westmoreland deposits amounted to 1,716 long dry tons of manganese ore and concentrate with an estimated gross sales value of $163,040 as of the close of 1956. The Terlingua Mercury Corporation from November 1954 until its financial collapse in November 1956, produced about 5,620 tons of mercury-bearing material recovering $89,306 worth of mercury, from the Fresno mining claims previously included under the Amerimex Certification.

Therefore, it appears unlikely that any efforts on the part of this Field Team would result in the collection of any DMEA royalties in the forseeable future.

Sincerely yours,

Signed/ Clinton C. Knox

CCK/jd

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

encl. 5
cc: DMEA Op. Com.(3)
King,USGS,Denver
File 197 -2202
" 2002 -2485
"1088 - Semi-Annual Report
" 1371

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SEP 11 1956

Semi-Annual Report

on

Certified Project

by

Clinton C. Knox, DMEA Field Team, Region IV

September 4, 1956

Period: ending June 30, 1956 Field examination: none

Operator: Shelton Mining Company, Webb City, Mo.

Mine name: Virginia

Location: near Purcell, Jasper County, Mo. - Tri-State mining district

Docket: DMA-1088X (zinc)

Project Contract: Idm-E122, dated 8-21-51

Certification: issued 5-7-53

There has been no work on this indicated deposit since discontinuance of the project work October 13, 1952.

During the past 6 months a newly formed concern headed by Mr. J. G. Shelton, the previous Operator, and Mr. Jack Fleischaker, Attorney in Joplin, have been preparing a DMEA application, had an engineering and geologic report prepared by Mr. Otto Ruhl, Consulting Engineer of Joplin, and carried on negiotiations with the various landowners for new leases on all the properties that were included under the cited Project Contract. The latest word from Mr. Shelton was to the effect that the local Geological Department of the Eagle-Picher Company might be enlisted to furnish the technical supervision of the proposed new exploration program.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

April 27, 1956

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: DMEA Memorandum No. 29

Dear Mr. Selfridge:

In response to your letter to me on February 2, I have written the requested reviews of semi-annual reports with pertinent up-to-date information available on each of the following, transmitted herewith in the original and three copies:

Docket No.	Operator	Project Contract No.
197 and 2002 (Mn)	Westmoreland Manganese	8 and 139
1371 (Pb)	National Lead	48
2202 (Hg)	Amerimex	468

I am leaving on a trip to Texas where, along with other DMEA work next week, I hope to obtain more adequate information on the latter.

Only two other DMEA projects in Region IV have been certified.

For the latest such information available on Project Contract Idm-E325, Dale Mining Co., DMEA-2485 (lead-zinc), please refer to the final Field Team report thereon which I submitted March 29, 1956.

On Project Contract Idm-E122, Shelton Mining Co., DMA-1088X - (zinc-lead), there has been no change in status since the Field Team's final project report was submitted April 10, 1953. Mr. Shelton obtained DMEA application forms in this office 2 months ago, however, on which to apply for another project contract to explore the west part of that 270-acre lease.

m/1088 file

Sincerely yours,

Clinton C. Knox

RECEIVED APR 30 1956

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

CCK/enn

encl. 12

cc: DMEA Op. Com. (3)
197-2002 file
1371 file
2202 file
2485 file
1088 file
Semi-Annual Report file

XXXXXXXXXXXXXXXXX

P. O. Box #431
Joplin, Missouri

August 9, 1955

Memorandum

To: DMEA Operating Committee, Interior Bldg., Wash. 25, D. C.

From: Executive Officer, DMEA Field Team, Region IV

Subject: Semi-Annual Report on "certified" projects in Region IV, as of June 30, 1955

Project contracts under which "Certifications" were issued, and their status during the first half of 1955, follows:

Idm-E8 Westmoreland Manganese Corp., Batesville, Ark., Docket DMA-197X (mn).
No production reported - no reported change in ownership.

Idm-E48 National Lead Co., Fredericktown, Mo., Docket DMA-1371X (Pb, etc.)
No production - no change in ownership

Idm-E139 Westmoreland Manganese Corp., Batesville, Ark., Docket DMA-2002X (mn)
No production reported - no reported change in ownership.

Idm-E122 Shelton Mining Co., Joplin, Mo., Docket DMA-1088X (Zn)
No production - no reported change in ownership.

Idm-E468 Amerimex Mining Co., Alpine, Tex., Docket DMA-2202X (Hg)
No production reported - Amerimex Co. relinquished lease Feb. 9, 1954, on March 18, 1955, paid royalty of $179.80 due on 1953 production, and that company

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON XXXXXX~~
Joplin, Missouri

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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AUG 24 1953

August 24, 1953

SEMI-ANNUAL REPORT ON CERTIFIED DMEA PROJECT

For the period January 1, 1953--June 30, 1953

Project:

Shelton Mining Company
Joplin, Missouri
Docket No. DMA-1088X-lead zinc
Contract No. Idm-E122

Inspectors:

W. P. Williams, Exec. Off., Region VI
E. T. Perkins, USBM Field Team Member, Region VI

Inspection Dates:

February 18, 1953 (E. T. Perkins)
April 10, 1953 "
June 12, 1953 (W. P. Williams)

Production:

Field inspection discloses that no production of lead-zinc ore has been made from the above project during the period January 1, 1953--June 30, 1953.

W. P. Williams

W. P. Williams
Executive Officer, DMEA
Region VI

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Joplin, Missouri
February 25, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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FEB 2 1953

This one could stand analysis. Note: Lost tools in hole of grit!

Memo

To: C. O. Mittendorf, Administrator DMEA

From: W. P. Williams, Executive Officer, DMEA Field Team Region VI

Subject: Interim report - Docket No. DMA-1088X, Contract No. Idm-E122
Shelton Mining Company, Lead-Zinc

Transmitted herewith is an interim report of the field inspection of the above referenced project prepared by E. T. Perkins, Mining Engineer, DMEA Field Team, Region VI.

This project was completed as of February 21, 1953. A final report on the project is now in preparation by the Field Team.

W. P. Williams

W. P. Williams

WPW:jd
Encs.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri
February 25, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

Memo:

To: Wm. P. Williams, Executive Officer, DMEA Field Team, Region VI

From: Edwin T. Perkins, Mining Engineer, DMEA Field Team, Region VI

Subject: Inspection visit to Shelton Mining Company, Purcell, Jasper County, Missouri. DMA Docket No. 1088X, Contract No. Idm-E122. This operation has been under the supervision of J. G. Shelton, Webb City, Missouri

The writer accompanied by J. Gable spent two days, February 17 and 18, 1953 at the Shelton Property near Purcell, Missouri. All drill holes which could be found were located and tied in to the old working shaft, preparatory to making a map for the final Field Team report.

Of the 15 completed holes, 4 indicated zinc from 162 to 170 feet. On October 13, 1952, drill hole No. 16-D had attained a depth of 100 feet when the tools became fastened in the hole, and after considerable effort to recover them, the work was abandoned, leaving the tools in the hole. No work has been done since that date.

On August 5, 1952 an extension for six months was granted and thus the contract expired February 21, 1953.

Further exploration by the operator is not warranted.

Edwin T. Perkins
Edwin T. Perkins
Mining Engineer

/jd

cc - Orig & 1 - Operating Committee
1 - L. T. McElvenny

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Joplin, Missouri
December 3, 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA-1088X
Contract No. Idm-E122
Shelton Mining Co.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for October, 1952 on Forms MF-104 and MF-104A with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original was forwarded to U. S. Bureau of Mines, Amarillo, on November 28, 1952 and notice of its certification has been received today.

Sincerely yours,

David Gallagher
Executive Officer
DMEA Field Team, Region VI

/jd
Encs.

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

NOV 19 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1030
Approval expires 6-30-53

Defense Minerals Administration

OPERATOR'S MONTHLY REPORT AND VOUCHER

DEC 5 1952

Month of October 1952 Docket No. 2 DMEA 1088X Contract No. Idm-E 122

Operator's Name Shelton Mining Company, Incorporated Minerals Zinc & Lead

Address 1711 Central St., Joplin, Missouri

Contract Amount, $ 14000.00 Government Participation: 50 % Amount, $ 7000.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	390.00	5131.00	5521.00			
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	78.00	1026.20	1104.20			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	None	36.00	36.00			
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	468.00	6193.20	6661.20			

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

Date Nov 15 '52 *Payee Shelton Mining Company, Incorporated

Per G. H. Shelton Title President

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

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

(Instructions on reverse)

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

$ 234.00

Signature
(Authorized Certifying Officer)

Date Vou. No. DMEA 6-49

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-F122 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Nov. 21, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature David Gallagher Title Exec. Off. Date Nov. 28, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

NARRATIVE

Data for only one hole, D-15, is included in the accompanying Report. This hole was started on Sept. 30th and was completed on Oct. 7th.

On Oct. 8th, the rig was moved to location for, and drilling was started on, Hole D-16. Work progressed at good pace to 105' in gray flint, boulders, and mud on the 13th when, in pulling casing, the jars broke and the tools were lost in the hole. The Contractor is now re-equiped with jars and is going to fish for the tools and proceed on down with the hole.

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 5 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 1088X Contract No. Idm-E 122

Operator's Name Shelton Mining Company, Incorporated Minerals Zinc & Lead

Address 1711 Central St., Joplin, Missouri

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Foot	468.00	195	6661.20	2760½	2.413	5700	2.456
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS		468.00	195	6661.20				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		468.00	195	6661.20				

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

Date Nov 15 '52 Operator Shelton Mining Company, Inc.

Per J. L. Shelton Title President

REMARKS: See attached "Narrative"

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

Shelton Mining Company, Inc.

Earl Weaver Lease

Hole D-15

Started: 9-30-52; Completed, 10-7-52
Contractor: Fountain Drilling Co.; Driller, Arnold Johnson.
Casing Record: 131' - 6½"
Sizes of Hole: 10" to 85'; 8" to 131'
Water: Encountered at 50'; stands at 20'

0 - 5	Surface soil and clay
5 - 15	Clay and gravel
15 - 40	Light shale and mundic
40 - 50	Blue shale and mundic
50 - 80	Gray lime, gray flint, mundic, caving
80 - 120	Gray and white flint, mundic, caving
120 - 140	Brown lime, gray and white flint, mundic, hard
140 - 145	Brown lime, blue and white flint, mundic
145 - 167½	Brown lime; gray, brown, blue, and white flint, mundic
167½ - 172½	Gray and white flint, gray lime, mundic
172½ - 177½	Gray and white flint, gray and brown lime, mundic
177½ - 185	Brown lime; gray, white, and brown flint, mundic
185 - 195	Gray and white flint, brown lime, mundic

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

OCT 7 1952

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1003.
Approval Expires 6-30-53.

RECEIVED
OCT 27 1952

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

Month of September, 1952 Docket No. DMEA 10[illegible]X Contract No. Idm-3 122
Operator's Name Shelton Mining Company, Incorporated Minerals Zinc
Address 1711 Central, Joplin, Mo.
Contract Amount, $ 14000.00 Government Participation: 50 % Amount, $ 7000.00 Body

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	$510.00	$4621.00	$5131.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision	$102.00	$ 924.20	$1026.20			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	None	$ 36.00	$ 36.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$612.00	$5581.20	$6193.00			

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

Date Oct. 4, 52 *Payee Shelton Mining Company, Inc.

Per [signature] Title Secretary

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

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

(Instructions on reverse)

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

$ 306.00

Signature
(Authorized Certifying Officer)

Date Vou. No. DMEA 6-46

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-5122 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Oct. 8, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature David Gallagher Title Exec. Off. Date Oct. 9, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

Month of September 1952 Docket No. DMEA 10[illegible]X Contract No. Idm-3 122
Operator's Name Sholton Mining Company, Incorporated Minerals Zinc & Lead
Address 1711 Central, Joplin, Mo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Foot	$612.00	255	$6193.20	2565½	$2.414	5700	$2.456
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$612.00	255	$6193.20				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date Oct. 4, 1952 Operator Sholton Mining Company, Inc.

Per [signature] Title Secretary

REMARKS: Encountered considerable difficulty drilling #D13 due to caving ground. Had to use 3 strings of pipe 8" - 6" & 4". After conference with Dr. Gallagher & Mr. Kuns we drilled D14 thru shale. The thickness being same as hole #D13 this indicated there would be no ore and this foundation would be same.

Elard

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

Narrative.

We were unable to do any drilling during May and June and most of July. We could not find a suitable driller as they were all busy. We hired one man and while pulling the 6" pipe lost the tools in the hole. We hired another man to fish the tools out of the hole but he proved unequal to the job, so we were shut down until we could find a man that would be suitable. We finally were able to hire our present driller, Mr Arnold Johnson, and he has proved very capable.

We experienced quite a bit of trouble in drilling Hole #13, as the ground caved badly and required the use of three strings of pipe to complete the hole. We consulted with Dr. Gallagher and Mr. Knox on the structure of Hole #13 and decided that if Hole #14 proved to have the same depth of shale that there would be no need of drilling further than through the shale. The shale in this hole proved to be almost exactly the same depth andas this indicated that the structure would be the same with no showing of ore, we decided to move to the next location. work is now progressing very well due to the ability of the above named driller.

Shelton Mining Co., Inc.

R. M. Elard.

SHELTON MINING CO., Inc.

Karl Weaver Lease

Hole D-13

Started 8-26-1952 Completed 9-16-1952
Contractor. Fountain Drilling Co. Driller. Arnold Johnson
Casing Record. 86'-8" Casing. 139½'-6¼" Casing. 159'-4 7/8 Casing.
Sizes of Hole. Same as above.
Water encountered at 70'.
Water stands at 20'.

0 - 5	Surface soil and clay
5 - 10	Creek gravel and clay
10 - 20	Light shale and mundic
20 - 25	Dark shale " "
25 - 55	Light shale " "
55 - 70	Blue shale gravel and mundic
70 - 105	Gray and white flint, mundic. Caving ground.
105 - 140	Gray, white and blue flint, some lime. mundic. Caving.
140 - 160	Gray, white and blue flint, mundic, soft and caving.
160 - 170	Gray, white and blue flint. Hard.
170 - 175	Gray lime. Gray and white flint. Hard.
175 - 180	Gray and white flint, mundic. Soft and caving.

SHELTON MINING CO., Inc.

Earl Weaver Lease

Hole D-14

Started 9-23-52 Completed 9-24-52
Contractor. Fountain Drilling Co. Driller Arnold Johnson
No Casing Used
Size of hole. 8"
Water encountered 70'
Water stands 20'

0 - 5	Surface soil and clay	
5 - 10	Creek gravel and clay	
10 - 20	Light shale.	Mundic
20 - 25	Dark shale.	"
25 - 55	Light shale.	"
55 - 70	Blue shale, gravel and mundic	
70 - 75	Gray, white and blue flint, gray lime and caving.	

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Joplin, Missouri
June 16, 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMA-1088X
Contract No. Idm-E122
Shelton Mining Co., Inc.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for May, 1952 on Form MF-104 with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original was forwarded to U. S. Bureau of Mines, Amarillo on June 5, 1952 and notice of its certification has been received today.

Sincerely yours,

David Gallagher

David Gallagher
Executive Officer
DMEA Field Team, Region VI

/jd
Encs.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 1 1 1952

MF-104
(August 1951)

JUN 2 1952

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 122

Name of Operator Sholton Mining Co., Inc.
Docket No. DMA 1088 X Zinc
Total Contract Amount $ 14,000.00
Government Participation: 50 % Amount, $ 7,000.00
Distribution of Expenditures for Month of May 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 19 1952

CERTIFICATION

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

Sholton Mining Co.
(Name of Company)

By R. Brent
(Signature of Authorized Official)

~~May 1952~~ June 2, 1952.
(Date)

Sec'y-Treas.
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

M[redacted]LY SUMMARY COST STATEME[redacted]ontinued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision	74.00	850.20	924.20			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work Drilling	370.00	4251.00	4621.00			
11. Other (specify)						
Assaying		36.00	36.00			
Total	444.00	5137.20	5581.20			
Deletions						
Adjusted totals	444.00					
Totals previously reported	5137.20					
Totals to date	5581.20					

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Edwin T. Perkins
Entered by
Approved by David Gallagher
Amount approved for payment $222.00
Remarks Vo. No. DMA-6-42

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes Contract				$370.00	370.00	Foot	185	2125½	2310½	
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Supervision	74.00				74.00					
Totals	74.00			370.00	444.00		185	2125½	2310½	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Shelton Mining Co., Inc

Drill Hole #13

Earl Weaver Farm
Fountain Drilling Co., Contractor
Hole Started April 17, 1952
Completed May 5, 1952
Casing Record, 75' 8", 125' 6", 168' 4 7/8" Casing.
Water encountered 65'
Sizes of hole. 75' of 8"
168' 6"
185' 4 7/8"
Water stands 12'
Driller; Percy Howey.

0 to 10'		Soil and clay			
10	25	Black shale			
25	35	Lime and gray and black shale			
35	55	Gray shale			
55	65	Black shale		Mundick	
65	70	Lime and flint gray and white, soft		"	
70	90	Flint gray and white	"	"	
90	100	Lime and flint gray	"	"	
100	145	Flint gray and white	"	"	
145	155	Lime and flint gray and blue	"	"	
155	165	Flint gray and white	"	"	
165	175	Flint gray	Zinc shines		Soft
175	177½	Flint gray and white		Mundick	"
177½	180	Lime and flint Brown and gray	Hard		
180	185	Flint Gray	Hard		

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Joplin, Missouri
June 9, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 11 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMA-1088X
Contract No. Idm-E122
Shelton Mining Co.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for April, 1952 on Form MF-104 with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original was forwarded to U. S. Bureau of Mines, Amarillo, on May 8, 1952 and notice of its certification has been received today.

Sincerely yours,

Wm. P. Williams

Wm. P. Williams
For David Gallagher
Executive Officer
DMEA Field Team, Region VI

/jd
Enc.

MF-104
(August 1951)

MAY 5 1952

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 122

Name of Operator Shelton Mining Co.
Docket No. DMA 1088 X Zinc
Total Contract Amount $14,000.00
Government Participation: 50 % Amount, $7,000.00
Distribution of Expenditures for Month of April 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 11 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

Shelton Mining Co.
(Name of Company)

By R. W. Elrod
(Signature of Authorized Official)

May 5, 1952
(Date)

Secy.
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	82.40	767.80	850.20			
5. Supervision						
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work Drilling	412.00	3839.00	4251.00			
11. Other (specify) Assaying		35.00	35.00			
Total	494.40	4642.80	5137.20			
Deletions	494.40					
Adjusted totals	4642.80					
Totals previously reported	5137.20					
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Earnim J. Perkins
Entered by
Approved by David Gallagher
Amount approved for payment $247.20
Remarks Voucher No. DMA-6-40

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April 1952.

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes Contract				412.00	412.00	Foot	206	1919½	2125½	
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Supervision Eng. Office & Sampling	82.40				82.40					
Totals	82.40			412.00	494.40		206	1919½	2125½	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

SHELTON MINING CO., INC.

Hole No. D-11

Earl Weaver Land

Contractor: Fountain Drilling Co. Driller: Percy Howey

Started: 4-1-52 Completed: 4-11-52
Casing Record: 56 ft. 8 in. - 93 ft. 6 in.
Sizes of Hole: 93 ft. 8 in. - 206 ft. 6 in.
Water encountered: 50 ft.
Water Stands: 10 ft.

0 - 10	Soil & clay
15	Black shale
25	Shale & creek gravel, mundic
45	Gray shale, mundic
60	Blue shale, mundic
70	Gray soft lime & flint, mundic
85	Gray & white soft flint, mundic
95	Gray, white & blue flint, mundic
115	Gray & white flint
125	Gray & white lime & flint
150	Hard gray & white flint
160	Brown & gray flint
175	Gray flint, traces of zinc
180	Gray & blue flint
185	Gray & white flint, mundic
195	White & brown flint, mundic
200	Gray & white flint
206	White & dark gray flint

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri

April 17, 1952

Re: Docket No. 1088X - Zinc
Contract No. Idm-E122
Shelton Mining Co., Inc.

Operating Committee
Defense Minerals Exploration Administration
U. S. Department of the Interior
Washington 25, D. C.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for March 1952 on Form MF-104 with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original was forwarded to the U. S. Bureau of Mines, Amarillo on April 2, 1952, and notice of its certification has been received today.

Sincerely yours,

David Gallagher

David Gallagher
Executive
DMEA Field Team, Region VI

Enclosures - 2

/lh

MF-104
(August 1951)

APR 2 1952

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 122

Name of Operator Shelton Mining Co., Inc.
Docket No. DMA 1088X Zinc
Total Contract Amount $14,000.00
Government Participation: 50 % Amount, $ 7,000.00
Distribution of Expenditures for Month of March 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

Shelton Mining Co., Inc.
(Name of Company)

By R. M. Elms
(Signature of Authorized Official)

April 2, 1952
(Date)

Sec'y-Treas.
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor [3]	[illegible]	[illegible]	767.00			
5. Supervision						
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
Trailing	[illegible]	[illegible]	[illegible]			
10. Contract Work						
11. Other (specify)						
Total	[illegible]	[illegible]	[illegible]			
Deletions	[illegible]					
Adjusted totals	[illegible]					
Totals previously reported	[illegible]					
Totals to date	[illegible]					

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Siegfried J. Muenzig
Entered by
Approved by Paul Gallagher
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF March 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes contract				752.00	752.00	foot	376	1543½	1919½	
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Supervision Eng. Office & Sampling	150.40				150.40					
Totals	150.40			752.00	902.40		376	1543½	1919½	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

SHELTON MINING CO., INC.

Earl Beaver Lease

Hole D-9
Started: 2/15/52 Completed: 3/12/52
Contractor: Fountain Drilling Co. Driller: Percy Howey
Casing Record: 60 ft 8 in. 85 ft. 6 in.
Sizes of Hole: 85 ft 8 in. 160 ft. 6 in.
Water encountered: 37 ft.
Water stands at 15 ft.

0 - 15	Yellow soil and clay
37	Black shale
60	Soft gray lime & flint, mundic
85	Soft gray & white flint, mundic
95	Hard gray lime & flint, mundic
100	Hard gray & white flint, mundic
135	Hard gray lime & flint, mundic
145	Soft gray & yellow lime & flint, selvage & mundic
160	Soft gray & blue & yellow flint

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 122
Idm-E

Name of Operator Shelton Mining Co., Inc.
Docket No. DMA 1088X Zinc
Total Contract Amount $ 14,000.00
Government Participation: 50 % Amount, $ 7,000.00
Distribution of Expenditures for Month of February 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 8 1952

CERTIFICATION

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

Shelton Mining Co., Inc.
(Name of Company)

By R. W. Ellis
(Signature of Authorized Official)

Mar. 4, 1952
(Date)

Sec'y-Treas.
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MO[illegible] SUMMARY COST STATEMENT [illegible]nued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision	72.00	545.40	617.40			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work Drilling	560.00	1737.00	2297.00			
11. Other (specify)						
Access	9.00	27.00	36.00			
Total	641.00	3299.40	3740.40			
Deletions						
Adjusted totals	641.00					
Totals previously reported	3299.40					
Totals to date	3740.40					

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Siegfried J. Murray
Entered by
Approved by Edwin T. Perkins David Gallagher
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF February 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes Contract				360.00	360.00	Foot	180	1363½	1543½	5700
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying				9.00	9.00					
Roads and trails										
Test pits										
Other (specify) Supervision	72.00				72.00					
Eng. Office & Sampling										
Totals	72.00			369.00	441.00		180	1363½	1543½	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

SHELTON MINING CO., INC.

Earl Weaver Lease

Hole D-8
Started: 2/6/52 Completed: 2/13/52
Contractor: Fountain Drilling Co. Driller: Percy Howey
Casing Record: 120' 6 in.
Sizes of Hole: 120' 8 in. 180' 6 in.
Water encountered: 45 ft.
Water stands: 12 ft.

0 - 15	Yellow soil & clay
25	Gray shale
45	Black shale
55	Gray soft flint, mundic
70	Gray soft lime & flint, mundic
85	Gray soft flint
90	Gray soft flint, selvage
95	Gray soft flint, mundic & selvage
110	Gray soft lime & flint
140	Gray & white flint, mundic
150	White flint, mundic
167½	White & gray flint, mundic
170	White & gray flint, traces lead & zinc
175	White & gray flint, lead shines & fair zinc
177½	White & gray flint, traces of lead & zinc
180	Gray & brown lime & flint

	Zinc	Lead
167½-170	0.96	0.13
170-172½	1.96	0.12
172½-175	0.96	0.03
175-177½	0.62	0.04

Assay by Bruce Williams Laboratories

ENGINEERS
INSPECTIONS and TESTS

The Bruce Williams Laboratories

ESTABLISHED 1898

Main Office 620-622 Joplin Street Telephone 556

JOPLIN, MISSOURI

CHEMISTS
INDUSTRIAL and ANALYTICAL

Picher, Oklahoma
109 S. Connell Street
Telephone 710

Shelton Mining Company
319½ Main
Joplin, Missouri 2-16-52

St. Louis, Missouri
306 Valley Drive
Telephone Imperial 3226

OUR NO.	MARK	DESCRIPTION	ZINC	IRON	LEAD	LIME	MOISTURE
Earl Beaver Land							
606462	Hole # D-8	167½-170	0.96		0.13		
463		170-172½	1.96		0.12		
464		172½-175	0.96		0.03		
465		175-177½	0.62		0.04		

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Joplin, Missouri
February 8, 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMA 1088X
Contract No. Idm-E122
Shelton Mining Co., Inc.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for January, 1952 on Form MF-104 with appropriate attachments, as required by the Washington office of the Defense Minerals Administration.

The original was forwarded to U. S. Bureau of Mines, Amarillo, on February 4, 1952 and notice of its certification has been received today.

Sincerely yours,

David Gallagher
Chairman
DMEA Field Team, Region VI

/jd
Enclosures 2

[illegible]
Defense Minerals Administration
[illegible]
FEB 11 1952

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 122
Idm-E

Name of Operator Shelton Mining Co., Inc.
Docket No. DMA 1088 X Zinc
Total Contract Amount $ 14,000.00
Government Participation: 50 % Amount, $ 7,000.00
Distribution of Expenditures for Month of January 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

FEB 11 1952

CERTIFICATION

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

Shelton Mining Co., Inc.
(Name of Company)

By R. W. Elms
(Signature of Authorized Official)

2-4-52
(Date)

Sec'y-Treas.
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor [3]						
5. Supervision	186.40	359.00	545.40			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work Drilling	952.00	1795.00	2727.00			
11. Other (specify)						
Assays	9.00	18.00	27.00			
Total	1127.40	2172.00	3299.40			
Deletions						
Adjusted totals	1127.40					
Totals previously reported	2172.00					
Totals to date	3299.40					

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Edwin T. Perkins

Entered by

Approved by Clinton C. Knox for L. J. McElvenny

Amount approved for payment

Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF Jan.

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes Contract				932.00	932.00	foot	466	897½	1363½	5700
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying			9.00		9.00					
Roads and trails										
Test pits										
Other (specify) Supervision	186.40				186.40					
Eng. Office, Sampling				C.C.H.						
Totals	186.40		~~9.00~~	941.00 ~~932.00~~	1127.40		466	897½	1363½	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

SHELTON MINING CO., INC.

Farmer Land

Hole No. 6

Contractor: Fountain Drilling Co.
Driller: Percy Howey
Date Started: 1/3/52 Completed: 1/11/52
Casing Record: 117 ft. 6 in.
Size of hole: 117 ft. 8 in. - 191 ft. 6 in.
Water encountered: 55 ft.
Water Stands: 12 ft.

0 - 20	Yellow soil & clay
35	Gray shale
50	Black shale
55	Black shale, mundic
60	Soft gray & white flint, mundic
75	Soft Gray & white lime & flint, mundic
85	Soft lime & flint, gray - mundic & selvage
90	Soft gray lime & flint
95	Soft gray flint, selvage
115	Soft gray flint
135	Hard gray & white flint, mundic
150	Hard white & yellow flint, mundic
160	Hard gray & white lime & flint, mundic
170	Hard gray & white flint, mundic, traces of lead
175	Hard brown & gray lime & flint
185	Hard brown & white lime & flint
191	Hard brown & gray lime & flint

SHELTON MINING CO., INC.

Weaver Land

Hole No. 7

Contractor: Fountain Drilling Co.
Driller: Percy Howey
Date Started: 1/15/52 Completed: 1/31/52
Casing record: 115 ft. 6 in.
Size of hole: 115 ft. 8 in. - 275 ft. 6 in.
Water encountered: 45 ft.
Water stands: 12 ft.

0 - 5	Yellow soil and clay
15	Sand rock, creek gravel, flint boulders
25	Gray shale
40	Black shale
44	Black shale & boulders, mundic
65	Gray lime & flint, mundic
80	Soft gray flint
90	Soft gray lime & flint
110	Soft gray & white flint, mundic & selvage
120	Soft gray & white flint, mundic
135	Hard gray flint
145	Hard white flint
160	Hard gray & white flint
165	Hard gray flint, traces of lead & zinc
167½	Soft gray & white flint, lead & zinc shines
170	Soft white flint, fair zinc, traces of lead
175	Soft white flint, traces of lead & zinc
185	Hard gray & brown flint, mundic
210	Hard gray & brown flint
220	Gray & brown flint
225	Dark gray flint
240	Brown & blue lime & flint
245	Brown & gray lime & flint
255	Gray lime & flint
260	Gray flint
265	Gray flint, traces of zinc
275	Gray flint

ENGINEERS
INSPECTIONS and TESTS

The Bruce Williams Laboratories

ESTABLISHED 1898

Main Office 620-622 Joplin Street Telephone 556

JOPLIN, MISSOURI

CHEMISTS
INDUSTRIAL and ANALYTICAL

Picher, Oklahoma
109 S. Connell Street
Telephone 710

St. Louis, Missouri
306 Valley Drive
Telephone Imperial 3226

Shelton Mining Company
319[illegible] Main
Joplin, Missouri 1-29-5[illegible]

OUR NO.	MARK	DESCRIPTION	ZINC	IRON	LEAD	LIME	MOISTURE
604921	Hole [illegible]	160-165	0.64		0.04		
922	D.7	165-167½	3.82		0.07		
923		167½-170	3.56		0.23		
924		170-172½	1.22		0.06		

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Joplin, Missouri
January 10, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 14 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMA 1088X
Contract No. Idm-E122
Shelton Mining Co., Inc.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for December, 1951 on Form MF-104, with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original has been forwarded on this date to the office of the U. S. Bureau of Mines, Amarillo, Texas, and one copy is retained in the Joplin file of this office.

Sincerely yours,

David Gallagher

David Gallagher
Chairman
DMEA Field Team, Region VI

/jd

Enclosures

MF-104
(August 1951)

JAN 2 1952

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 122

Name of Operator Shelton Mining Co., Inc.
Docket No. DMA 1088X Zinc
Total Contract Amount $ 14,000.00
Government Participation: 50 % Amount, $ 7000.00
Distribution of Expenditures for Month of December, 1951.

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

Shelton Mining Co., Inc.
(Name of Company)

By R. Wells
(Signature of Authorized Official)

January 2, 1952
(Date)

Secy-Treas.
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision	146.80	212.20	359.00			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work Drilling	734.00	1061.00	1795.00			
11. Other (specify)						
Assays	None	18.00	18.00			
Total	880.80	1291.20	2172.00			
Deletions						
Adjusted totals	880.80					
Totals previously reported	1291.20					
Totals to date	2172.00					

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Edwin T. Perkins

Entered by

Approved by David Gallagher

Amount approved for payment

Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF December, 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes Contract				734.00	734.00	foot	367	530½	897½	5700
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying none										
Roads and trails										
Test pits										
Other (specify) Supervision Eng, Office, sampling	146.80				146.80					
Totals	146.80			734.00	880.80		367	530½	897½	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Salary distribution

Drilling Superv	85.00
Sampling	20.00
Office	21.80
Engineer	20.00
	146.80

SHELDON MINING COMPANY

Hole No. D-4

Location:

Land: O.L. Farmer
Contractor: Fountain Drilling Co. Driller: Percy Emoy
Started: 12-3-51 Completed: 12-14-51
Casing Record: No casing used.
Size of hole: 100' 8" 91' 6"
Water encountered: 35 ft.
Water stands: 10'

0 - 10	Soil and clay
20	Black shale
30	Black shale, little creek gravel
40	Gray shale
50	Black shale, mundic
65	Lime & flint, gray, soft & mundic
80	Gray, soft, lime & flint
100	Soft, gray flint
150	Hard, gray & white flint
155	Gray & brown hard flint
165	Hard, gray & white flint, green selvage
185	Hard, gray flint
191	Soft, gray & yellow flint

Hole completed at 191 ft.

[illegible] COMPANY.

Hole No. D-5

Location:

Land: O.L. Farmer
Contractor: Fountain Drilling Co. Driller: Percy Fenoy.
Started: 12-10-51. Completed: Dec. 22-51.
Casing Record: 110' 6" used.
Size of hole: 110'-8". 60' 6E
Water encountered: 50'
Water stands: 12'.

0 - 5	Soil and clay
20'	Yellow Clay
35'	Black shale
45'	Gray shale
50'	Black shale and sandic
55'	Gray lime and flint and sandic
100'	soft gray flint
110'	Gray and white flint
115'	yellow, gray and white flint
140'	Gray and white flint. Hard
150'	Gray and yellow flint. Hard
160'	Gray flint. Hard
165'	White Flint. Hard.
176'	Gray flint. Hard.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 7 1951
Defense Minerals Administration,
Production Expansion Division.

December 4, 1951

Defense Minerals Exploration Administration
U. S. Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-1088X
Contract Idm-E122
Shelton Mining Co.

Dear Sirs:

Transmitted herewith is one copy of the monthly report for the subject exploration project for November, 1951 on Form MF-104, with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original and one copy of the report have been forwarded on this date to the office of the U. S. Bureau of Mines, Amarillo, Texas, and one copy is retained in the Joplin file of this office.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
For David Gallagher

Enclosure

/lh

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
DEC 6 1 30 PM '51

Bu. Vou. No. DMA-6,-14

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

POSTED
DEC 12 1951

Contract No. Adm-2 1083

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Name of Operator Shelton Mining Co., Inc.
Docket No. DMA 1088 X Zinc
Total Contract Amount $ 14,000.00
Government Participation: 50 % Amount, $ 7,000.00
Distribution of Expenditures for Month of Nov. 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

Shelton Mining Co., Inc. (Name of Company) By R. W. Elms (Signature of Authorized Official)

December 3, 1951 (Date) Sec'y-Treas. (Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

SHELTON MINING CO. INC.
319½ Main St.,
Joplin, Missouri.

December 3, 1951

Defense Minerals Administration,
Joplin, Mo.

Gentlemen;

After twelve days of unseasonal weather of 12" of snow and accompanying cold, we were able to move and spot on Hole #D3, November 13th.

We encountered bad crumbling hard flint at 55', causing very difficult drilling to 110 feet. We had to pull the 6¾" casing, under-ream and reset, three times before bottoming casing at 90' 6". We were still troubled with crumbling, caving flint to 117'. After that, continued down with hole to bottom at 173', with no shines or evidence of ore.

Yours truly,

SHELTON MINING Co., Inc.

R. W. Elrod

R. W. Elrod.

ENGINEERS
INSPECTIONS and TESTS

The Bruce Williams Laboratories

ESTABLISHED 1898

Main Office 620-622 Joplin Street Telephone 556

JOPLIN, MISSOURI

CHEMISTS
INDUSTRIAL and ANALYTICAL

Picher, Oklahoma
109 S. Connell Street
Telephone 710

St. Louis, Missouri
306 Valley Drive
Telephone Imperial 3226

Mr. Elrod
Shelton Mining Company
Joplin, Missouri 11-1-51

OUR NO.	MARK	DESCRIPTION	ZINC	IRON	LEAD	LIME	MOISTURE
598901	Hole D-2	160-165	3.20		0.78		
902		165-167½	0.84		0.19		
903		167½-170	1.12		0.15		

SHELTON MINING CO., INC.

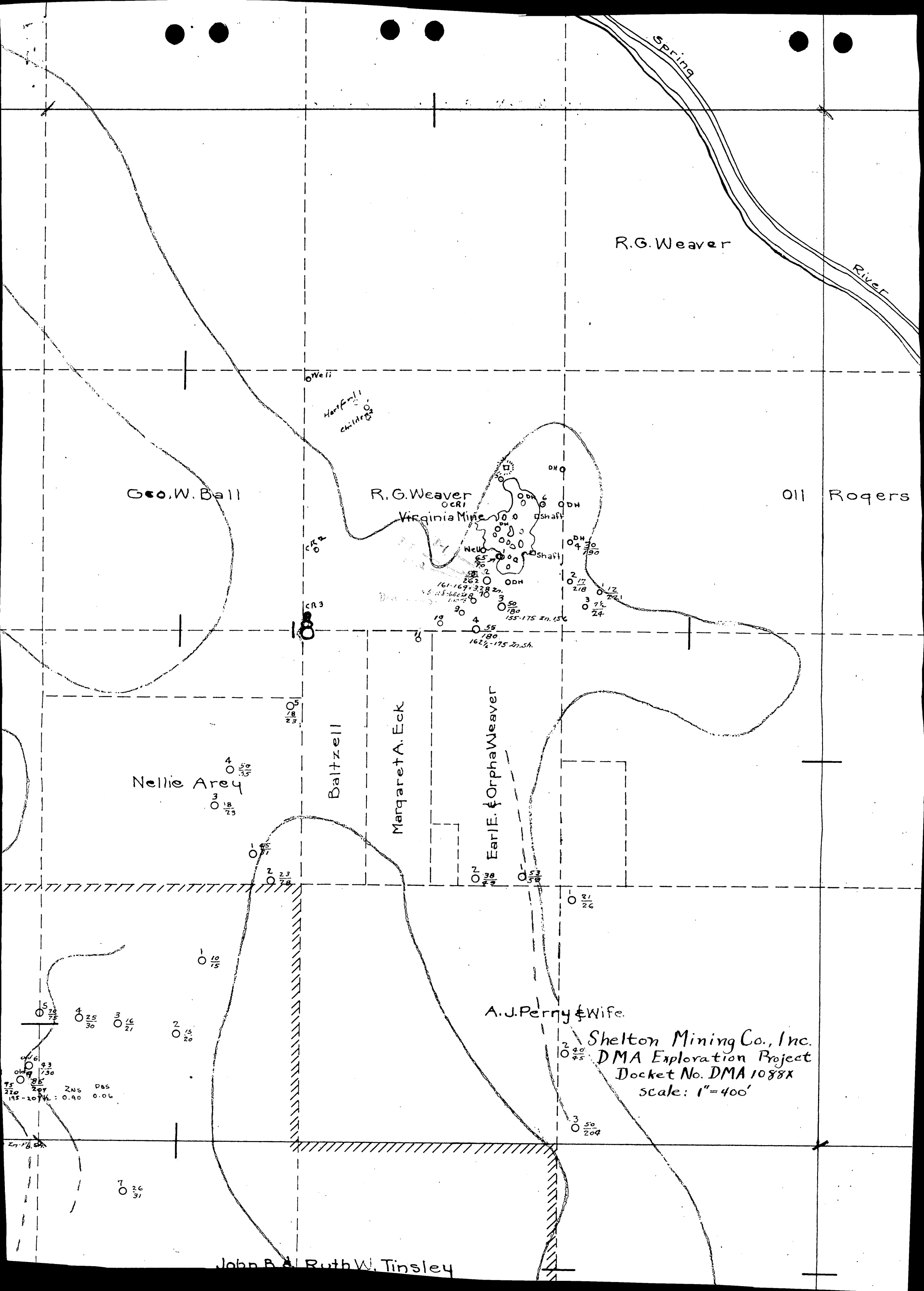
Farmer Lease

Hole D-3 - Location: D-1 to D-3 S69°W, 98.0'; D-2 to D-3 N49°W, 49.5'

Started: 11/13/51 Completed: 11/30/51
Casing Record: 28 ft. - 8 in., 90 ft. - 6 in.
Size Hole: 90 ft. - 8 in. Hole 173 ft. 6 in.
Water encountered: 25 ft.
Water Stands at 10 ft.
Contractor: Fountain Drilling Co. - Driller: Percy Howey

0-15	Soil & clay
23	Creek gravel
40	Black shale, mundic
55	Gray, soft, lime and flint, mundic
75	Gray, soft, flint
85	Gray & white soft flint
105	White & gray lime & flint, mundic
115	White & gray hard lime & flint
120	" " " " "
145	White & gray hard flint
150	White hard flint, mundic
167½.	Gray hard flint
173	Gray hard flint & lime

Hole completed - 173 ft.


Spring
River
R.G. Weaver
Well
Hartfield
Childress
Geo. W. Ball
R.G. Weaver
Virginia Mine
CR1
CR2
CR3
Shaft
Shaft
DH
161-169 Zn.
155-175 Zn. 156
162½-175 Zn.Sh.
Oil Rogers
18
Nellie Arey
Baltzell
Margaret A. Eck
Earl E. & Orpha Weaver
A.J. Perry & Wife
Shelton Mining Co., Inc.
DMA Exploration Project
Docket No. DMA 1088X
scale: 1"=400'
ZNS
PBS
0.90
0.06
John B. & Ruth W. Tinsley

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Ray C. Jonas DATE: December 3, 1951

FROM : Clinton C. Knox

SUBJECT: Operator's Progress Report, Idm-E122, October 1951

I am glad that you are able to reconcile the distribution of supervision costs on the above-captioned monthly report and schedule them for payment as soon as possible.

I erroneously interpreted the note at the foot of the pages in the new MF-104 forms regarding the breakdown of supervisory costs as meaning that we should breakdown the supervision in relation to the nature of the work. Therefore, I realize now there is no particular reason for making a salary distribution under the above captioned contract, and I have so advised the operator today.

Clinton C. Knox
Clinton C. Knox

CCK/jd

P.S. We certainly appreciate your advising us when these operators monthly reports at last go for payments. We are constantly battered by letters and phone calls regarding when they will receive checks. With experience we are trying to see that the reports are prepared properly for you but our experience has mostly been bad. Sorry I missed meeting you when you called here.
Knox

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri

December 4, 1951

U. S. Bureau of Mines
Room 814 Barfield Building
Amarillo, Texas

Re: Docket No. DMA-1088X
Contract No. Idm-E122
Shelton Mining Co.

Dear Sirs:

Transmitted herewith is the original and one copy of the monthly report for the subject exploration project for November on Form MF-104, with appropriate attachments, as required for the Regional Finance Office, U. S. Bureau of Mines, Amarillo, Texas.

One copy has been forwarded on this date to Defense Minerals Exploration Administration, U. S. Department of the Interior, Washington 25, D. C., and one copy is retained in the Joplin file of this office.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
For David Gallagher

Enclosures

/lh

xxxxxxxxxxxxxx
Joplin, Missouri

December 4, 1951

U. S. Bureau of Mines
Room 814 Barfield Building
Amarillo, Texas

Re: Docket No. DMA-1088X
Contract No. Idm-K122
Shelton Mining Co.

Dear Sirs:

Transmitted herewith is the original and one copy of the monthly report for the subject exploration project for November on Form MF-104, with appropriate attachments, as required for the Regional Finance Office, U. S. Bureau of Mines, Amarillo, Texas.

One copy has been forwarded on this date to Defense Minerals Exploration Administration, U. S. Department of the Interior, Washington 25, D. C., and one copy is retained in the Joplin file of this office.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
For David Gallagher

Enclosures

/lh

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision	69.20	143.00	212.20			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work Drilling	346.00	715.00	1061.00			
11. Other (specify)						
Assays Hole D-2	6.95	11.25	18.00			
Total	421.95	869.25	1291.20			
Deletions						
Adjusted totals	421.95					
Totals previously reported	869.25					
Totals to date	1291.20					

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Clinton C. Knox
Entered by
Approved by David Gallagher
Amount approved for payment $210.98
Remarks RKB

Salary Distribution

Drilling Supervision	40.00
Sampling	9.20
Office Work	10.00
Engineering Work	10.00
Total	69.20

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF Nov. 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes contract				346.00	346.00	foot	173	357½	530½	5700
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying				6.75	6.75					
Roads and trails										
Test pits										
Other (specify) Supervision	69.20				69.20					
ng., office, sampling										
Totals	69.20			352.75	421.95		173	357½	530½	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Salary Distribution:

Drilling supervision	40.00
Sampling	9.20
Office work	10.00
Engineering Work	10.00
	69.20

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri
November 9, 1951

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 27 1951
Defense Minerals Administration,
Production Expansion Division.

Defense Minerals Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMA 1088X, Zinc
Contract No. Idm-E122
Shelton Mining Co.

Dear Sirs:

Transmitted herewith is one copy of the monthly report for the subject Exploration Project for October on Form MF-104, with appropriate attachments, as required by the Washington office of the Defense Minerals Administration.

The original and one copy have been forwarded on this date to the office of the U. S. Bureau of Mines, Amarillo, Texas, and one copy is retained in the Joplin file of this office.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
For David Gallagher
Chairman
DMA Field Team, Region VI

/jd

Enclosure

MF-104
(August 1951)

BU. Yau. No. DMA-6.-8

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 122

POSTED
DEC 3 1951
By

Name of Operator Shelton Mining Company, Inc.
Docket No. DMA 1088X
Total Contract Amount $ 14,000.00
Government Participation: 50 % Amount, $ 7,000.00
Distribution of Expenditures for Month of October 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

Shelton Mining Company, Inc.
(Name of Company)

By J. G. Shelton
(Signature of Authorized Official)
J. G. Shelton

November 7, 1951
(Date)

Supervisor
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri
November 9, 1951

	1	Zinc
	2	
S.W.F.C.		
NOV 13 1951		

U. S. Bureau of Mines
Room 814 Barfield Bldg.
Amarillo, Texas

Re: Docket No. DMA 1088X, Zinc
Contract Idm-E122
Shelton Mining Co.

Dear Sirs:

Transmitted herewith is the original and one copy of the monthly report for the subject Exploration Project for October on Form MF-104, with appropriate attachments, as required for the Regional Finance Office, U. S. Bureau of Mines, Amarillo, Texas.

One copy has been forwarded on this date to Defense Minerals Administration, U. S. Department of Interior, Washington 25, D. C., and one copy is retained in the Joplin file of this office.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
For David Gallagher
DMA Field Team, Region VI

/jd

Enclosures

SHELTON MINING CO., INC.
319½ Main Street
Joplin, Missouri

November 7, 1951

Defense Minerals Administration
Joplin, Mo.

Gentlemen:

We met with very few difficulties in Drilling Hole #D-1, except getting a second bed of Creek Gravel at about 58 ft. However, we cased through this. We contacted a flint at about 100 feet which is commonly known here as Hog Chaw. We had some difficulty getting through this for about 25 ft. The rest of the hole was completed without any trouble.

On hole #D-2. In starting this hole and setting the 8 in. pipe we struck a boulder about 15 feet down which deflected the pipe causing it to be crooked. We pulled out and moved about 10 feet and started again and had no trouble of deflection this time. We had about the same difficulty at from 90 to 120 feet with caving flint. However, on the next hole we expect to eliminate this trouble to a considerable extent by using Aqua-Jell. Hole completed without difficulty.

The weather has delayed our moving but expect to get moved to hole #D-3 before Monday, November 12th.

Yours truly,

SHELTON MINING CO., INC.

J. G. Shelton

J. G. Shelton

ENGINEERS
INSPECTIONS and TESTS

The Bruce Williams Laboratories

ESTABLISHED 1898

Main Office 620-622 Joplin Street Telephone 556

JOPLIN, MISSOURI

CHEMISTS
INDUSTRIAL and ANALYTICAL

Picher, Oklahoma
109 S. Connell Street
Telephone 710

Melton Mining Company
Ft. Hard

10-12-51

St. Louis, Missouri
306 Valley Drive
Telephone Imperial 3226

OUR NO.	MARK	DESCRIPTION	ZINC	IRON	LEAD	LIME	MOISTURE
5571.72	Old Virginia Property	162½-165	0.60		0.11		
430	Hole 0-1	165-167½	0.95		0.08		
431		167½-170	0.30		0.02		
432		170-172½	1.09		0.03		
433		172½-175	0.78		0.04		

SHELTON MINING CO., INC.

Farmer Lease

Hole D-1 - Location: 46' North 30 deg. West of No. 2S
Started: 9/27/51 Completed: 10/8/51
Casing Record: 18' - 8½", 59' - 6½"
Size Hole: 59' - 8" Hole 118½' - 6½"
Water Stands at 10'

0 - 5	Surface clay, gray, soft
18	Creek Gravel
51	Shale, some mundic
55	Lime, gray, soft
58	Creek Gravel
65	Creek Gravel, lime & white flint
75	Lime, white & brown flint
80	White & gray flint & mundic
85	" " flint & lime & mundic
90	" " " & mundic
95	White & blue flint & mundic
100	" " " "
115	" & gray " "
120	White & blue flint, lime & mundic
125	" " " tiff, lime & mundic
135	" " " & mundic
140	" Gray " lime & mundic
150	" " " mundic & trace zinc
155	White & gray flint, sand, mundic, good pb & zn shines
157½	" " " " " "
160	" " " " " "
162½	" " mundic, trace zinc
165	" " fair zn, trace pb
167½	White & blue flint, lots mundic, good zn, shines
170	" " gray flint, gray lime, lot mundic, zn shines
172½	" brown flint, lime, mundic, fair showing zn.
175	" " " brown lime, mundic - fair pb & zn shines
177½	" " " " " " trace zn.

Hole completed - 177½ ft.

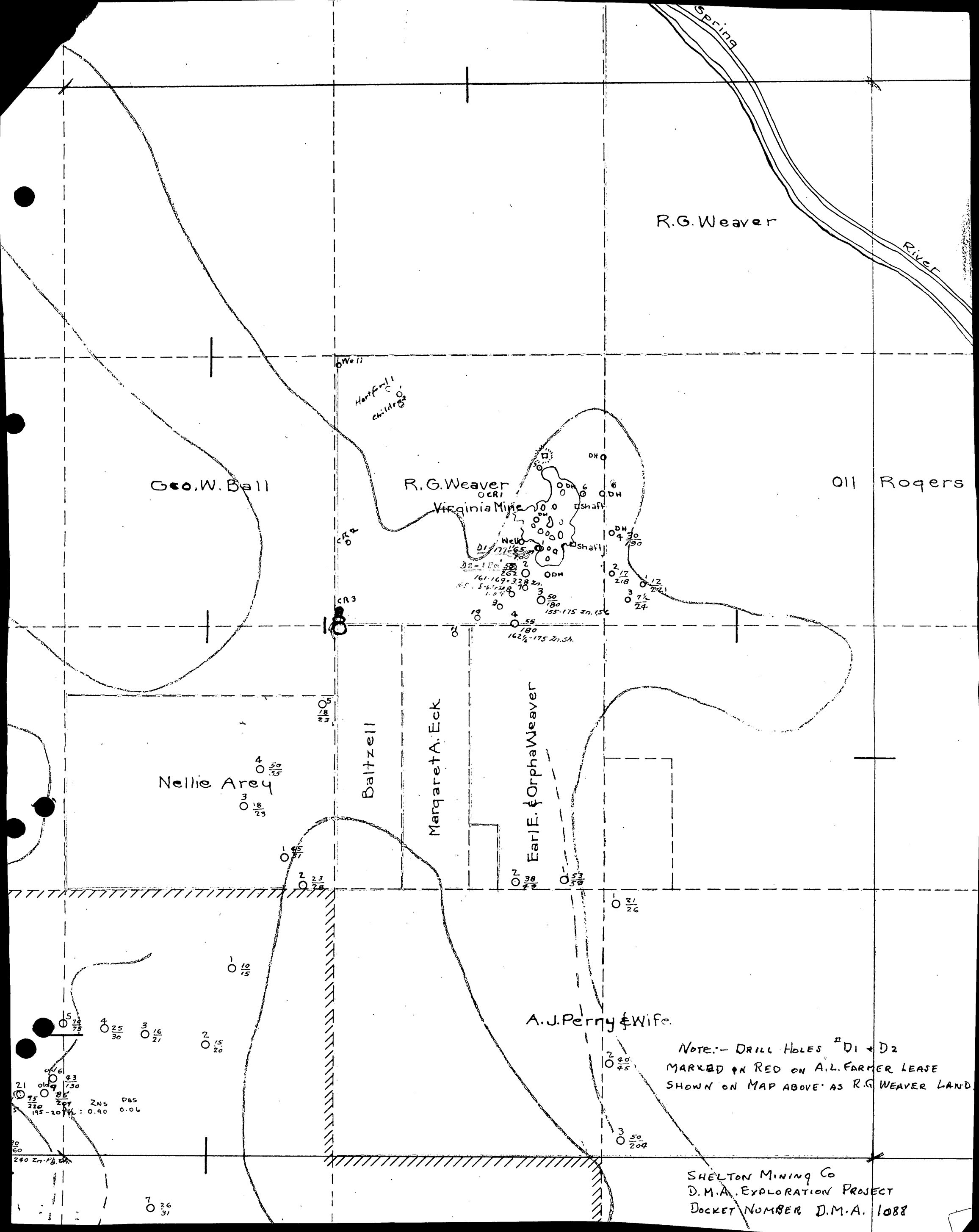
SHELTON MINING CO., INC.

Farmer Lease

Hole D-2 - Location: 89' SE to S2, 90' N to D-1
Started: 10/18/51 Completed: 10/31/51
Casing Record: 18' - 8", 46' - 6"
Size Hole: 40' - 8" Hole 180' - 6"
Water Stands at 20'
Driller: Percy Howey

0 - 10	Soil and clay
18	Creek gravel
40	Black shale & boulder & mundic
50	Blue & gray flint, soft
65	White flint & gray lime
70	Brown lime, white flint
85	Gray lime & gray flint, soft
95	Gray & brown flint & selvage
110	White & gray & blue flint, soft
125	Gray lime, gray & blue flint
130	Gray & light blue flint
150	Gray flint & mundic, hard
155	White & gray flint
160	Gray flint & mundic
165	Gray flint, soft, fair lead & fair zinc
167½	Gray flint, mundic, traces of zinc
170	Gray flint, mundic, thin traces lead & zinc
172½	Gray & brown flint, thin traces lead & zinc
176	Gray & brown flint
180	Gray & brown flint

Hole completed - 180 ft.


Spring
River
R.G. Weaver
Well
Hartfield
Childress
Geo. W. Ball
R. G. Weaver
Virginia Mine
Shaft
Shaft
Well
Oll Rogers
Nellie Arey
Baltzell
Margaret A. Eck
Earl E. & Orpha Weaver
A. J. Perry & Wife.
NOTE:- DRILL HOLES "D1 + D2
MARKED IN RED ON A.L. FARMER LEASE
SHOWN ON MAP ABOVE AS R.G. WEAVER LAND.
SHELTON MINING CO
D.M.A. EXPLORATION PROJECT
DOCKET NUMBER D.M.A. 1088

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF October 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes Contract				715.00	715.00	foot	357½	none	357½	5700
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying				11.25	11.25					
Roads and trails										
Test pits										
Other (specify) Supervision	143.00				143.00					
Eng. & Office										
Totals	143.00			726.25	869.25		357½		357½	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

(1) Salary Distribution:

Drilling Supervision	$60.00
Sampling "	23.00
Engineering Work	30.00
Office Work	30.00
	$143.00

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	None					
5. Supervision	143.00	None	143.00			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	None					
10. Contract Work Drilling	715.00	None	715.00			
11. Other (specify)						
Assays Hole #D-1	11.25	None	11.25			
Total	869.25	None	869.25			
Deletions	None		None			
Adjusted totals	869.25		869.25			
Totals previously reported	None		None			
Totals to date	869.25		869.25			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data. None

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Clinton C. Knox
Entered by
Approved by Clinton C. Knox
Amount approved for payment $434.62
Remarks

Salary Distribution:

Drilling Supervision	$60.00
Sampling "	23.00
Engineering Work	30.00
Office Work	30.00
	$143.00

16—64068-3

SHELTON MINING CO., INC.

Earl Weaver Lease

Hole D-10
Started: 3/13/52 Completed: 3/28/52
Contractor: Fountain Drilling Co. Driller: Percy Howey
Casing Record: 50 ft. 8 in. 90 ft. 6 in.
Sizes of hole: 87 ft. 8 in. 216 ft. 6 in.
Water encountered: 44 ft.
Water stands at 12 ft.

0 - 10	Soil & clay
30	Black shale, mundic
44	Blue shale, mundic
50	Gray flint, mundic
65	Soft gray & blue lime & flint, mundic
75	Soft gray & blue flint, mundic
80	Gray blue & white flint, mundic
85	Gray flint, mundic
90	Soft brown & gray flint, brown selvage
95	Gray & white lime & flint
100	Gray & yellow lime & flint
105	Gray & white lime & flint
125	Gray lime & flint
130	Brown, gray & white lime & flint
135	Hard gray & white flint
145	Hard gray lime & flint
175	Hard gray lime & flint, selvage
180	Gray & white lime & flint, selvage
190	Gray & white & brown flint
195	Gray & white lime & flint
210	Brown gray & white flint
216	Gray flint

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri
March 17, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 9 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMA 1088X
Contract No. Idm-E122
Shelton Mining Co., Inc.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for February, 1952 on Form MF-104 with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

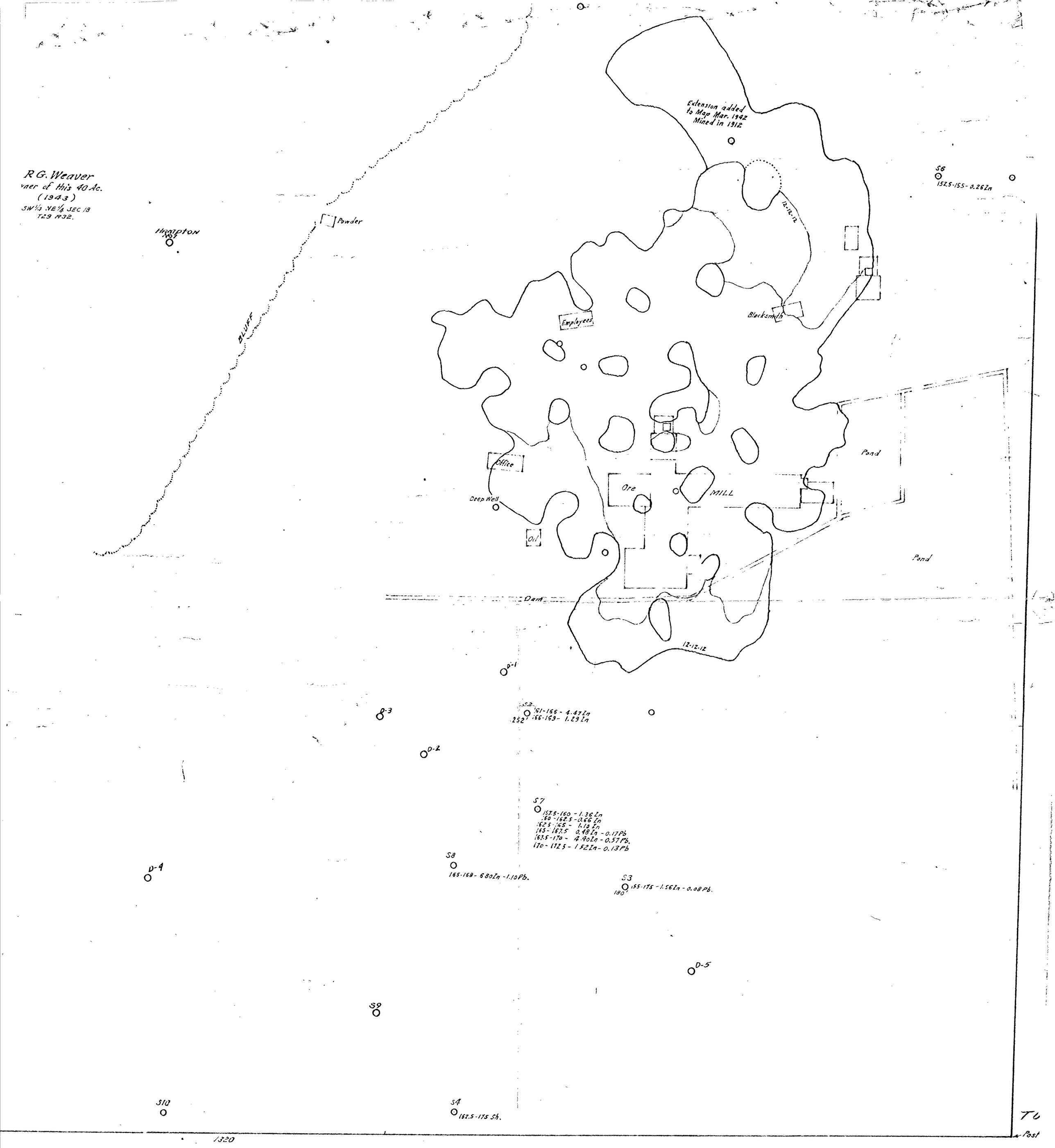
The original was forwarded to U. S. Bureau of Mines, Amarillo, on March 5, 1952 and notice of its certification has been received today.

Sincerely yours,

David Gallagher

David Gallagher
Executive Officer
DMEA Field Team, Region VI

/jd
Encs. 2



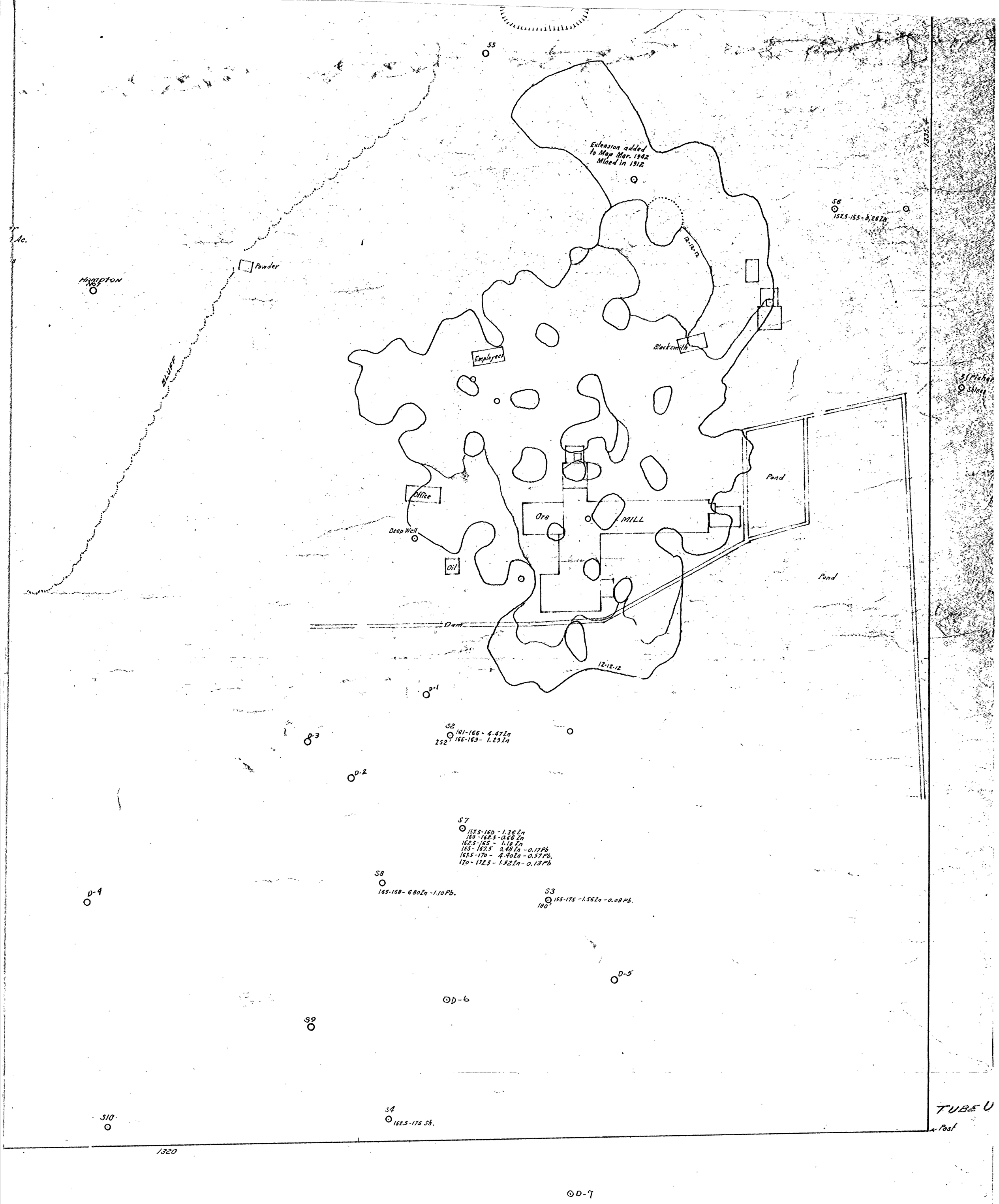
J. G. SHELTON MINING CO.

VIRGINIA MINE, NEAR

NECK CITY, MISSOURI.

Scale 1" = 50.

Partial Survey 7-24-43



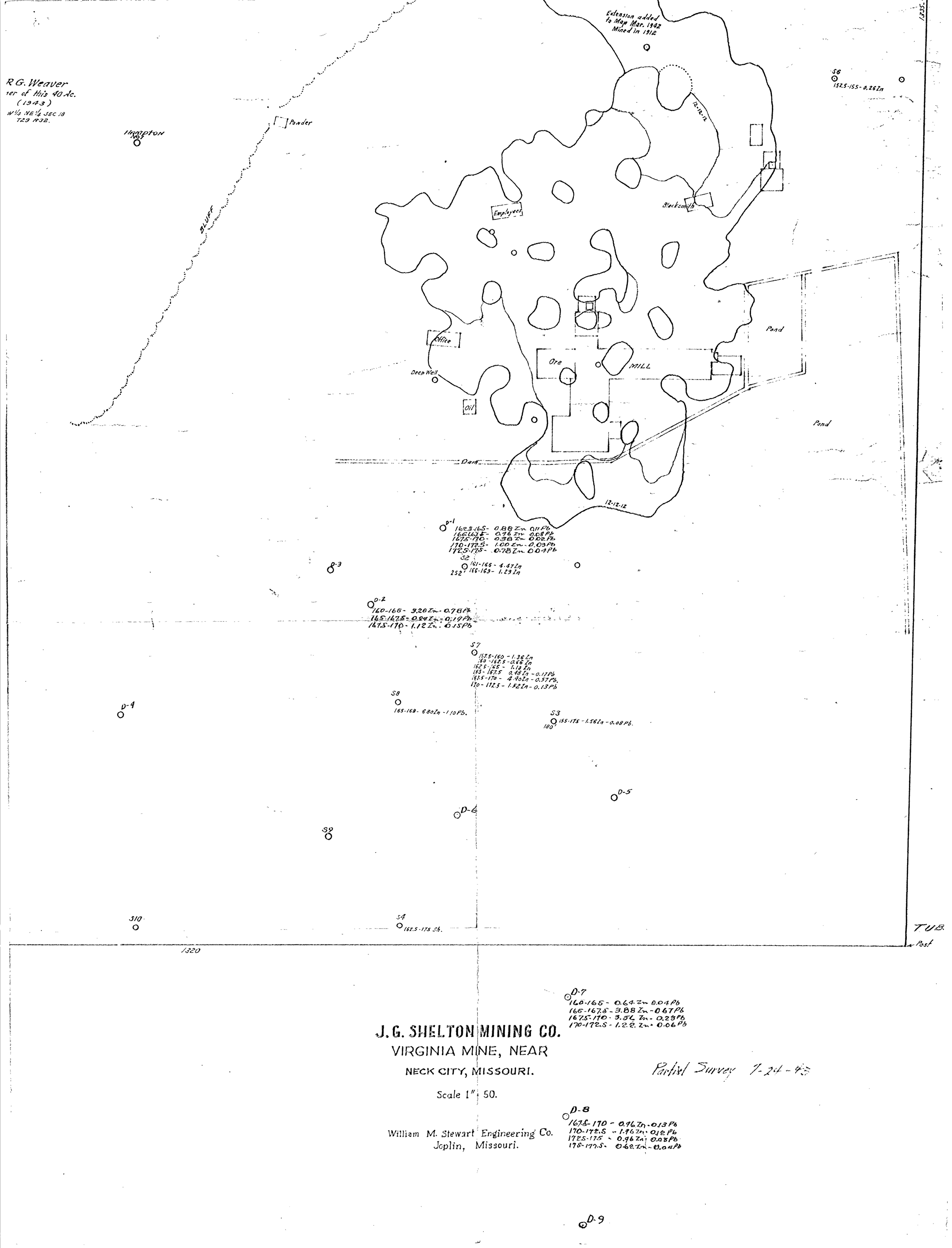
J. G. SHELTON MINING CO.

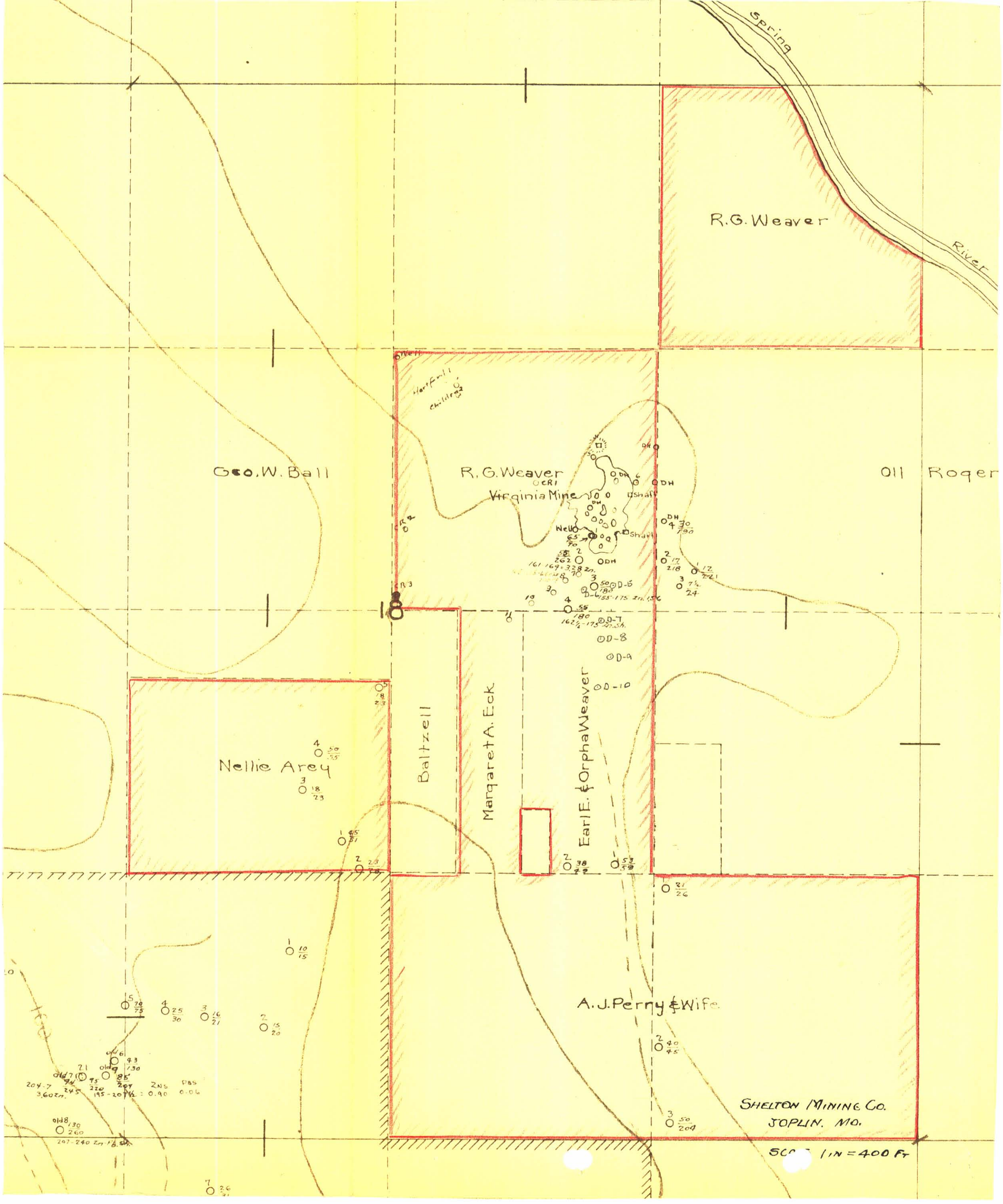
VIRGINIA MINE, NEAR

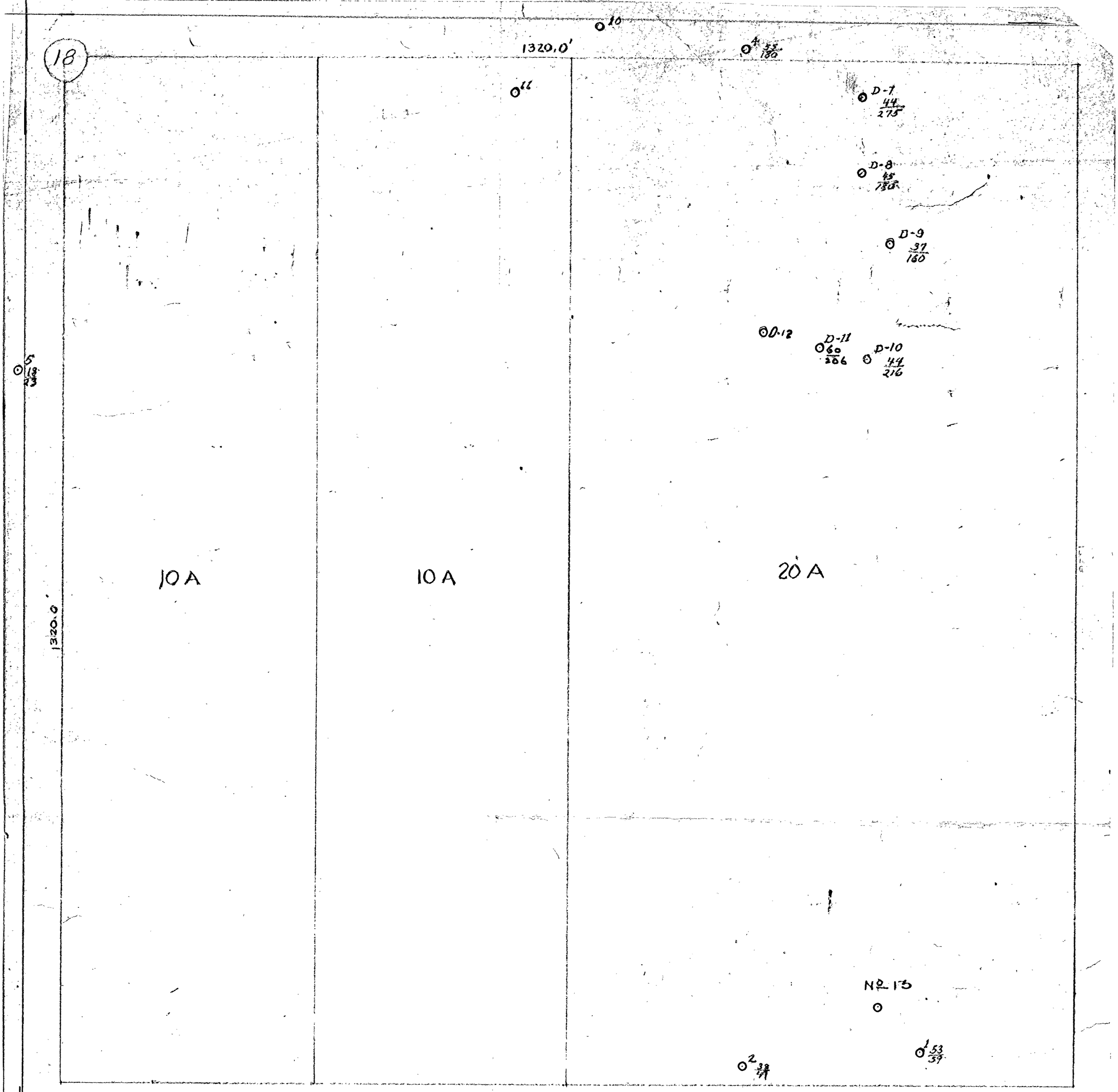
NECK CITY, MISSOURI.

Scale 1" = 50.

Partial Survey 7-24-43.


R G. Weaver
ner of this 40 Ac.
(1943)
W1/2 NE1/4 SEC 18
T29 R32.
Hampton
No 1
Powder
BLUFF
Extension added
to Map Mar. 1942
Mined in 1912
12-12-12
S6
152.5-155 - 0.26 Zn
Blacksmith
Employees
Office
Deep Well
Oil
Ore
MILL
Pond
Pond
Dam
12-12-12
D-1
162.5-165 - 0.88 Zn 0.11 Pb
165-167.5 - 0.96 Zn 0.08 Pb
167.5-170 - 0.38 Zn 0.02 Pb
170-172.5 - 1.00 Zn - 0.03 Pb
172.5-175 - 0.78 Zn 0.04 Pb
S2
161-166 - 4.47 Zn
252' 166-169 - 1.29 Zn
D-3
D-2
160-165 - 3.20 Zn - 0.78 Pb
165-167.5 - 0.84 Zn - 0.19 Pb
167.5-170 - 1.12 Zn - 0.15 Pb
S7
157.5-160 - 1.36 Zn
160-162.5 - 0.66 Zn
162.5-165 - 1.10 Zn
165-167.5 0.48 Zn - 0.17 Pb
167.5-170 - 4.90 Zn - 0.57 Pb.
170-172.5 - 1.52 Zn - 0.13 Pb
S8
165-168 - 6.80 Zn - 1.10 Pb.
D-4
S3
155-175 - 1.56 Zn - 0.08 Pb.
180'
D-5
D-6
S9
S10
S4
162.5-175 Sh.
TUB.
Post
1320
D-7
160-165 - 0.64 Zn 0.04 Pb
165-167.5 - 3.88 Zn - 0.67 Pb
167.5-170 - 3.56 Zn - 0.23 Pb
170-172.5 - 1.22 Zn - 0.06 Pb
J. G. SHELTON MINING CO.
VIRGINIA MINE, NEAR
NECK CITY, MISSOURI.
Partial Survey 7-24-43
Scale 1" = 50.
D-8
167.5-170 - 0.96 Zn - 0.13 Pb
170-172.5 - 1.96 Zn - 0.12 Pb
172.5-175 - 0.96 Zn - 0.08 Pb
175-177.5 - 0.62 Zn - 0.04 Pb
William M. Stewart Engineering Co.
Joplin, Missouri.
D-9


Spring
River
R.G. Weaver
Geo. W. Ball
R. G. Weaver
Virginia Mine
Shaft
Well
Shaft
Hartfield & Chillers
Oil Roger
Nellie Arey
Baltzell
Margaret A. Eck
Earl E. & Orpha Weaver
A. J. Perry & Wife
SHELTON MINING CO.
JOPLIN, MO.
SCALE 1 IN = 400 FT

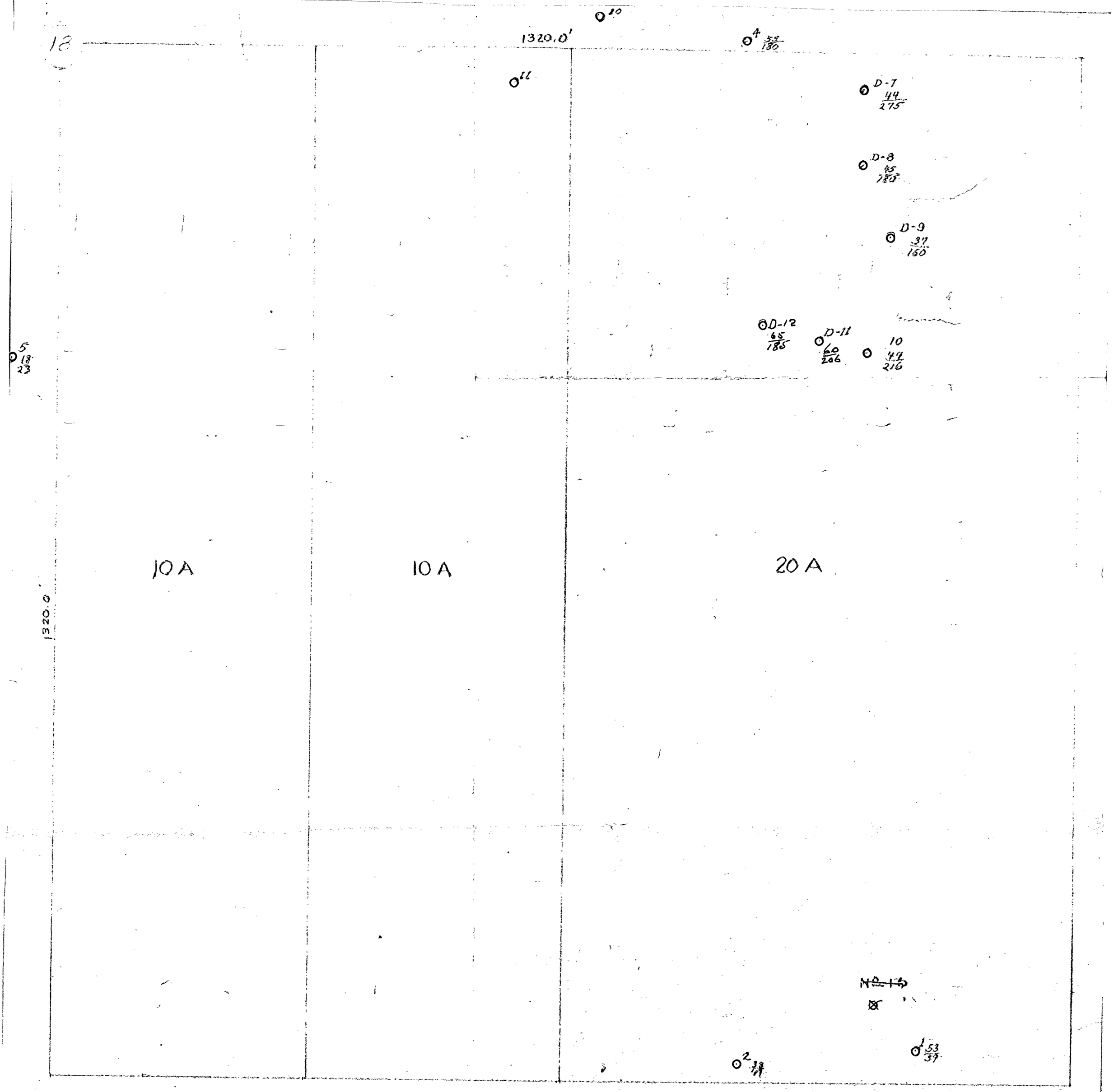


SE/4 SEC. 18, T. 29 N., R. 32 W.

SHELTON MINING CORP.

JOPLIN, MISSOURI

SCALE: 1" = 100'

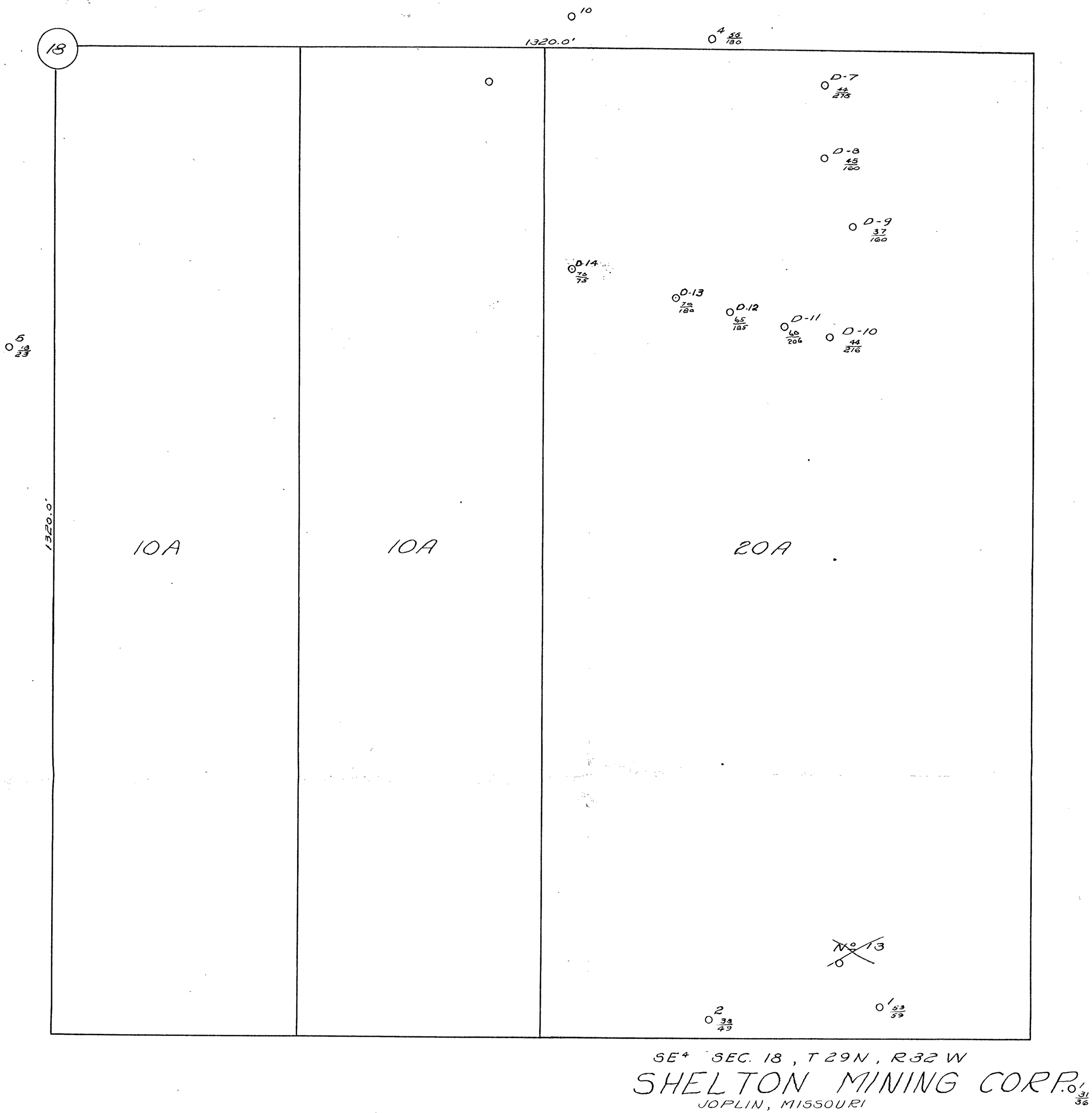


SE/4 SEC. 18, T.29N., R.32W.

SHELTON MINING CORP.

JOPLIN, MISSOURI

SCALE: 1" = 100'

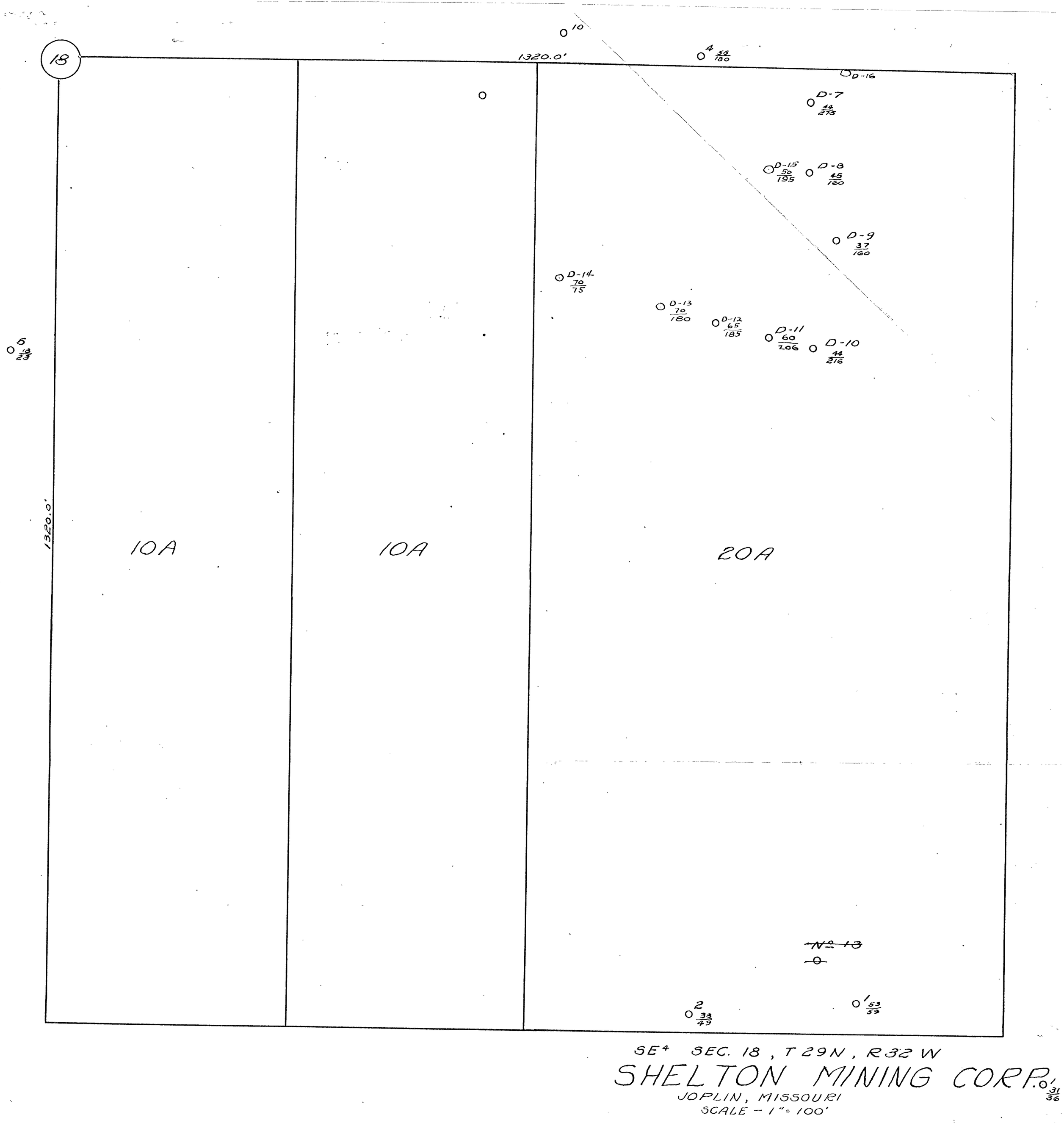


SE4 SEC. 18, T 29N, R 32 W

SHELTON MINING CORP.

JOPLIN, MISSOURI

SCALE – 1" = 100'


18
1320.0'
10
4 56/180
D-16
D-7 44/273
D-15 50/195
D-8 45/160
D-9 37/160
D-14 70/75
D-13 70/180
D-12 65/185
D-11 60/206
D-10 44/216
6 18/23
1320.0'
10A
10A
20A
~~No 13~~
2 33/49
1 53/59
31/36
SE4 SEC. 18, T 29N, R 32 W
SHELTON MINING CORP.
JOPLIN, MISSOURI
SCALE – 1" = 100'