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DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 1401X

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FILE COPY
SURNAME:
350

Campbell (ETM)
McWright
Bishop
Billings

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

SEP 13 1951

Memorandum

Re: DMA-1401X
Carnation Mine
Juab County, Utah
Exploration loan, $21,847
Lead, silver

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of exploration loan

a.E.C

The applicant has requested an exploration loan of $21,847 (Government participation, 50%) for drifting on two levels of the Carnation Mine, Juab County, Utah.

The property was examined by the Field Team Region IV, and their report states the following conclusions and recommendations:

> "Based upon the record of minor production of the past operation of the mine, the small size and irregularity of ore bodies mined, and the lack of geologic evidence of the possibility of a commercial ore body on the property, it is concluded that the applicant's proposed exploration program has little chance of developing ore in sufficient quantity to justify a DMA loan. It therefore is recommended that the application be denied".

The Lead-Zinc Branch concurs with the field team's recommendation.

Returned herewith are:

1 copy of field team report
2 copies of "Review of Application for Exploration Assistance"
4 copies Form MF-103 and attachments
Mine map and claim map.

JF 9/13

ABCampbell:emp
G 9-11-51

T. P. Billings, Chief
Lead-Zinc Branch

Approved:

Director, Supply Division

Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
O. Bishop
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. file
DMA docket file

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

SEP 13 1951

Memorandum

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Juab County, Utah
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To: Reports and Records Unit
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4 copies Form MF-103 and attachments
Mine map and claim map.

T. P. Billings, Chief
Lead-Zinc Branch

Approved:

Director, Supply Division

FILE COPY
SURNAME:

350

Campbell (ETM)
McKnight
Bishop
Billinger

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

SEP 13 1951

Re: DMA-1401X

G-E.C-

Mr. J. R. Wilson
Wilson Mining Company
535 Garden Avenue
Salt Lake City, Utah

Dear Mr. Wilson:

Your application (DMA-1401X) for an exploration loan of $21,847 for work at the Carnation Mine, Juab County, Utah, has been reviewed again by the Defense Minerals Administration after a report of an examination of your property by our field staff was received.

From this report, we conclude that the exploration work which you propose does not show promise of finding a significant tonnage of strategic minerals. The Defense Minerals Administration does not consider that the chances of finding such minerals are good enough to warrant the expenditure of public funds which you request. I regret, therefore, that your application must be declined.

We wish to thank you for bringing this property to our attention.

Very truly yours,

Tom Lyon

JF 9/14

Tom Lyon, Director
Supply Division

ABCampbell:emp
G 9-11-51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
O. Bishop
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. file
DMA docket files

REGIONAL DIRECTOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

August 31, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: Docket No. DMA-1401X, Wilson Mining Co., Carnation Lead-Silver Mine, Fish Springs District, Juab County, Utah.

Enclosed herewith is original and two copies of the report as indicated above.

We concur with the conclusions and recommendations of the examining team.

J. H. East, Jr.

A. H. Koschmann

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 4 - 1951

SEP 4 1951

Mining Division
Region IV

August 29, 1951

Memorandum

To: SMA Field Team, Region IV

From: Chief, Mining Division, Region IV

Subject: Docket No. MMA-1404K, Wilson Mining Co., Carnation Lead-Silver Mine, Fish Springs District, Juab County, Utah

Examination of the subject docket with application for an exploration loan of $21,247 has shown that the ore bodies are irregular and of small size, and that the mine does not present any geologic evidence of discovering a commercial ore body.

The examining team recommends denial of the application, with which we concur.

W. H. King

W. H. King
for Paul T. Allemann

Mining Division
Date Rec'd.
AUG 16 1951
BUREAU OF MINES
Denver, Colorado

August 15, 1951

Memorandum

To: Paul T. Allsman, Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: J. R. Wilson, Carnation mine, Fish Springs District, Juab County, Utah, Docket 1401-X

Enclosed are eight copies of the engineering report covering the subject property. The section on Summary, Conclusions, and Recommendations by Roscoe M. Smith and H. K. Thurber, Jr. also is included.

Stephen R. Wilson

Copy to-
PT Allsman
Files
Df

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Defense Minerals Administration
200 New Customhouse
Denver 2, Colorado

August 24, 1951

Memorandum

To: DMA Field Team, Region IV

From: A. H. Koschmann

Subject: DMA Docket 1401X, Wilson Mining Company, Salt Lake City, Utah.

Enclosed are 8 copies of the geologic report by R. M. Smith of the U. S. Geological Survey and H. K. Thurber of the U. S. Bureau of Mines covering the above docket.

A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (11)

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Room 307, 320 South Main
Salt Lake City 1, Utah
22 August 1951

Memorandum

To: A. H. Koschmann, Field Team, Region IV

From: Ralph J. Roberts

Subject: Docket DMA 1401X, Lead-silver, Wilson Mining Company, Salt Lake City, Utah

Enclosed are 8 copies of the geologic section of a report on Docket DMA 1401X, Lead-silver, Wilson Mining Company, Salt Lake City, Utah.

The Summary, Conclusions and Recommendations section was prepared jointly by the examining engineer and geologist and has been included in the engineering report sent to Mr. Allsman.

Sincerely

/s/ Bonnie M. Stagg

for - Ralph J. Roberts

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

Docket DMA 1401X, Wilson Mining Company, Salt Lake City, Utah

(Lead-silver)

H. K. Thurber, Mining Engineer
U. S. Bureau of Mines

R. M. Smith, Geologist
U. S. Geological Survey

August 22, 1951

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

By Roscoe M. Smith and H. K. Thurber, Jr.

The Wilson Mining Co. mine, Fish Springs district, Juab County, Utah, is in fresh, fractured limestone that has been weakly mineralized with argentiferous galena. Ores occur as pods along fractures and in small pipes. One pipe is said to have attained a diameter of 3 feet, and to have been mined from the surface to the 200-foot level.

A program is proposed by the applicant to explore occurrences of galena exposed on the 55- and 63-foot levels for unspecified distances in the hope of encountering additional ores.

It is concluded that the program has possibilities of finding small tonnage, but that a significant discovery is unlikely. It therefore is recommended that the application be denied.

GEOLOGY

The area is underlain by limestone of the Ordovician or Silurian age and quartzite of Ordovician age.[1] The sedimentary rocks dip gently to the

---

[1] Butler, B.S., The Ore Deposits of Utah: U.S.G.S. Prof. Paper 111, p. 467.

---

west and are cut by faults, the more important of which strike north and east. The north-striking faults are of large displacement; the east-striking faults are of smaller displacement and some are occupied by rhyolite porphyry dikes. In addition the rocks are broken by numerous irregular fractures and small faults, many of which strike northeast and south west.

ORE DEPOSITS

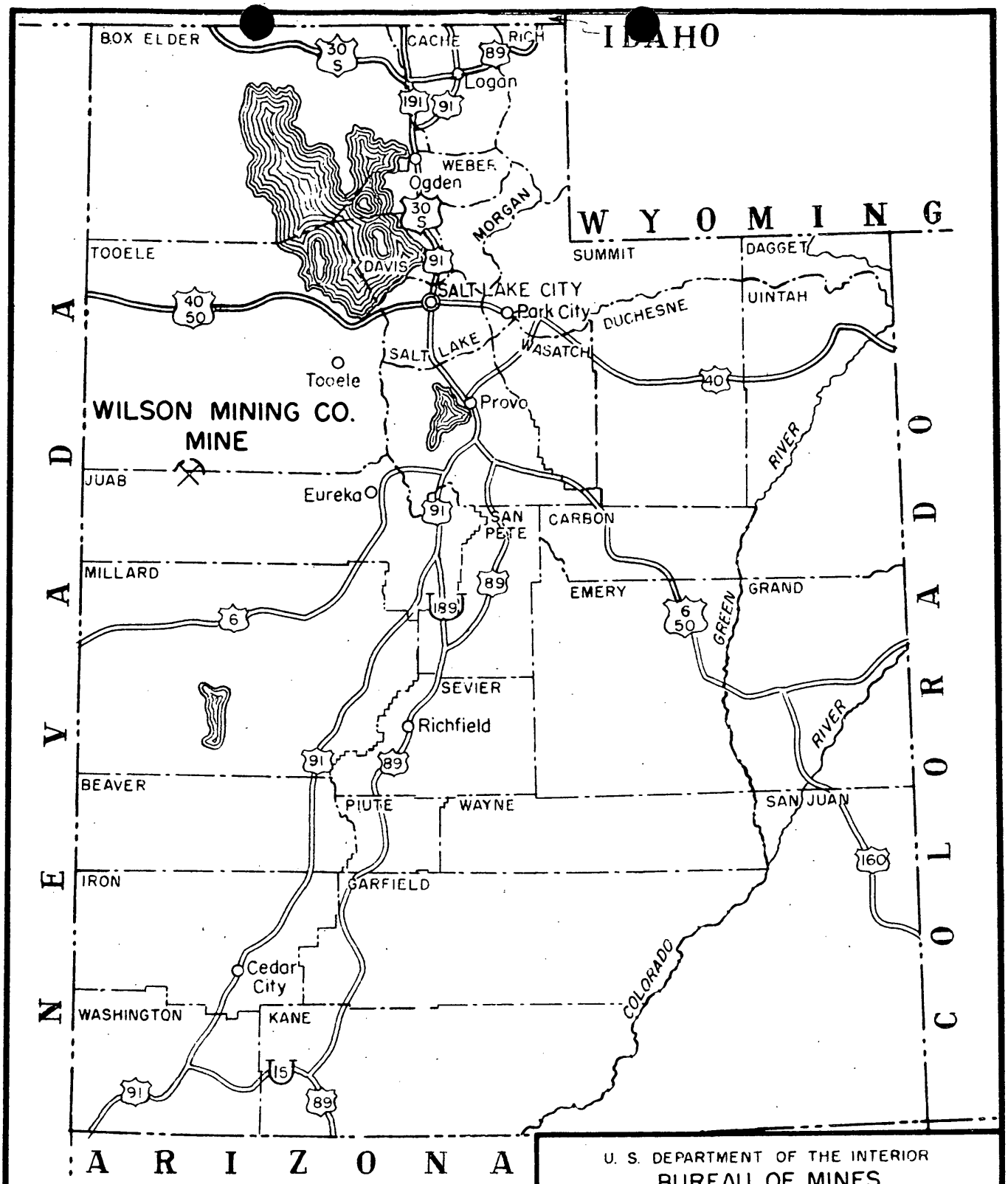
The lead-silver ore bodies in the district are mainly found in the east-striking faults and dikes. The ore mineral is galena, which is oxidized to cerusite and anglesite near the surface. The high grade ore is reported to contain as much as 100 oz. of silver per ton.

In the Carnation mine, the lead-silver ore occurs as pods 6 inches long in non-persistent narrow fractures that strike northwestward and dip steeply southwestward, and also as pipes as much as 3 feet in diameter at the intersections of these fractures with another set that strikes northeast and dips southeast. One pipe is reported to have been followed from the surface to the 200-foot level.

Wall rock alteration is slight adjacent to the ore bodies.

ORE RESERVES

There are no blocked out ore reserves in the Carnation mine. All the easily accessible ore bodies have been mined. A few tons of high-grade ore may be left in the blocks between levels, but the outlook for development of ore bodies of significant size is not promising.



U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1 Proj. No.

Location Map

WILSON MINING CO. MINE

JUAB COUNTY, UTAH

ENGINEER: H. K. THURBER	DATE: AUG. 14, 1951
TRACED: AUG. 1951, A.P.T.S.	1500-1070-E
CHECKED:	

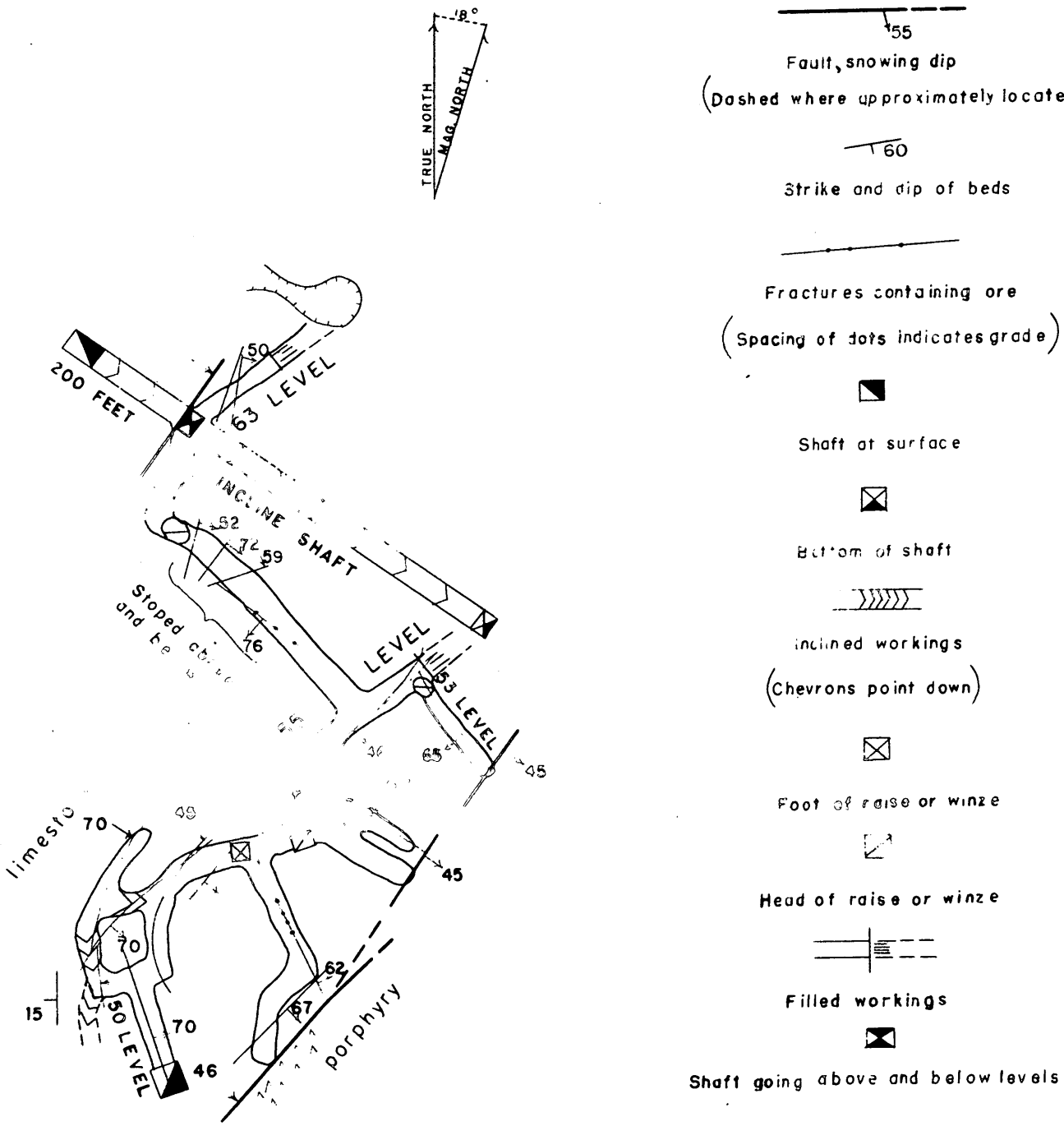


FIG. 2 GEOLOGIC MAP OF 55- AND 63-FOOT LEVELS
CARNATION MINE, FISH SPRINGS DISTRICT
TOOELE COUNTY, UTAH

0 40 80
Scale

GEOLOGY BY R.M. SMITH
JULY, 1951

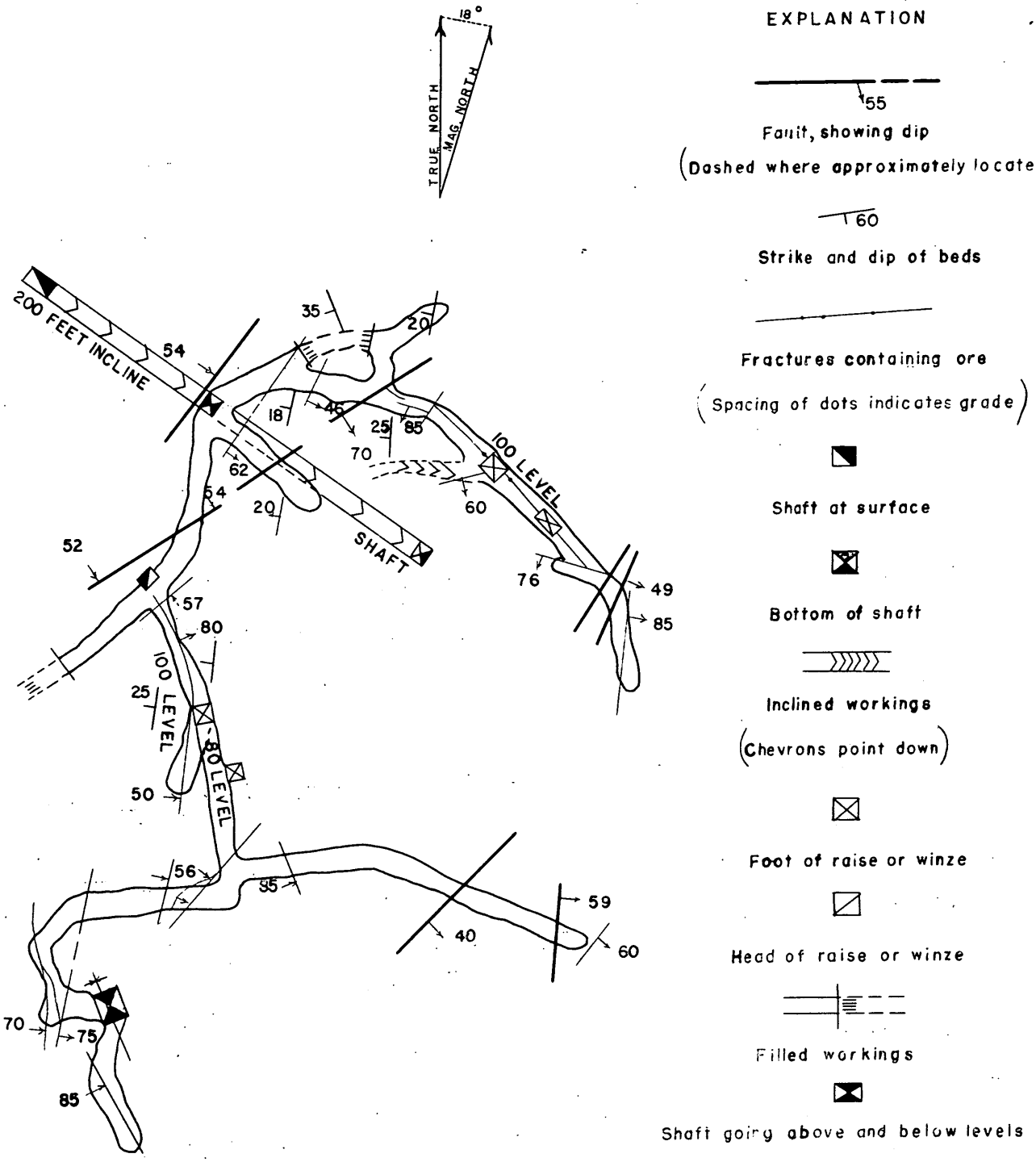


FIG. 3 GEOLOGIC MAP OF 80-AND 100-FOOT LEVELS
CARNATION MINE, FISH SPRINGS DISTRICT
TOOELE COUNTY, UTAH

0 40 80
Scale

GEOLOGY BY R.M. SMITH
JULY, 1951

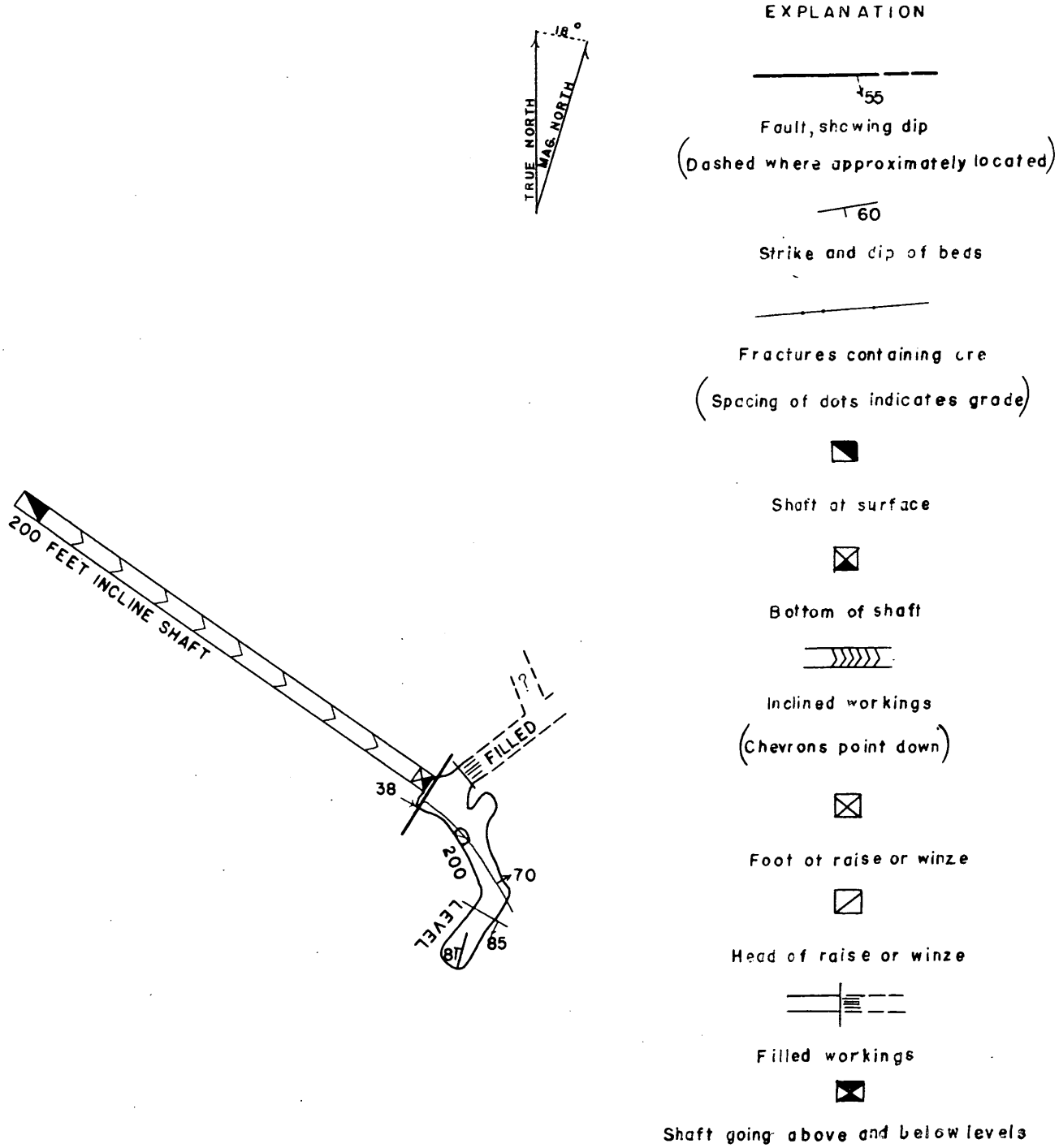


FIG. 4 GEOLOGIC MAP OF 200-FOOT LEVEL
CARNATION MINE, FISH SPRINGS DISTRICT
TOOELE COUNTY, UTAH

0 40 80
Scale

GEOLOGY BY R.M. SMITH
JULY, 1951

WILSON MINING CO. MINE
FISH SPRINGS DISTRICT
JUAB COUNTY, UTAH

Engineering Report

By H. K. Thurber, Jr.
Mining engineer
U. S. Bureau of Mines

WILSON MINING CO. MINE
FISH SPRINGS DISTRICT
JUAB COUNTY, UTAH

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Present status	4
Project proposals	4
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ILLUSTRATIONS

Fig. 1 - Location map, Wilson Mining Co. mine, Fish Springs district, Juab County, Utah.

Fig. 2 - Claim map, Wilson Mining Co., Fish Springs district, Juab County, Utah.

Fig. 3 - View looking approximately S. 10° W. showing surface of Wilson Mining Co. mine. Figure in the center of picture is standing at the collar of the inclined shaft. Vertical shaft shown in the right background.

Fig. 4 - View of the collar of the inclined shaft indicating the poor condition of the collar sets.

INTRODUCTION

The Wilson Mining Co., J. R. Wilson of Salt Lake City, owner, has requested a DMA exploration loan of $21,847, Docket 1401-X, to rehabilitate existing mine workings, purchase equipment, and drive exploration headings on property owned by the company.

An examination of the property was made July 5 and 6, 1951, by a team consisting of a geologist of the U. S. Geological Survey and a mining engineer of the Bureau of Mines. This report is a result of the examination, and appraises the feasibility of the applicant's proposal.

ACKNOWLEDGMENTS

The Bureau of Mines wishes to acknowledge the aid given the team by J. R. Wilson. Mr. Wilson provided maps of the property and supplied information pertaining to the history and production.

LOCATION, TOPOGRAPHY, AND PHYSICAL FEATURES

The Wilson Mining Co. property lies on the west slope of Fish Springs Range near the northern end of the range in unsubdivided T. 11 S., R. 14 W., S.L.B.M., Juab County, Utah. The mine is approximately 17 miles by county-maintained road from Callao, Utah, 41 miles from Gold Hill, Utah, and 86 miles from Vernon, Utah, on State Highway 36 (fig. 1).

The Fish Springs Range exhibits steep, broken topography with vertical cliffs evident at higher elevations in the range. The lower slopes are, for the most part, talus covered, but outcrops of limestone making up this part of the range are prominent features. The immediate mine area is gently sloping and a few small limestone outcrops are evident (fig. 3).

HISTORY AND PRODUCTION

Recorded production from the property dates from 1901. A total of 372 tons of ores containing an average of 39.6 percent lead, 97 ounces silver per ton, and 0.062 ounce of gold per ton is known to have been mined during intermittent periods between 1907 and 1940. The mine has not produced since the latter date.

The company applied for an R.F.C. loan in 1943, but was denied. This is recorded in R.F.C. Docket ND-5444.

OWNERSHIP AND EXTENT

The Wilson Mining Co., J. R. Wilson, owner, holds three claims by location. These claims, the Carnation 1, 2, and 3, were originally located in 1904 and surveyed for patent in 1908 but the patent procedure was not completed. The collar of the main inclined shaft and most of the underground workings are on Carnation 1 claim (fig. 2).

DESCRIPTION OF THE DEPOSITS

The broken limestone observed in the mine workings strikes N. 5° to 10° E. and dips 18° to 25° west. The main inclined shaft was sunk using the well-defined footwall of a fault as the bottom of the incline. The dip of the fault ranges from 54° at the surface to 45° at the bottom of the incline. This fault strikes N. 35° E. and represents the main displacement in the area.

Ores have been mined from roughly parallel fissures that strike approximately N. 45° W. and dip steeply to the southwest. The ore shoots were apparently small and irregular, sometimes taking the form of "pipes" raking steeply to the east. One such "pipe" is reported to have extended

from the surface to the 200-foot level. The total reported production from the workings is only 372 tons.

Although some iron oxide mineralization was observed in the fissures throughout the mine, no minable ores were found, thus no ore reserves exist.

The geology was mapped by the team and the resulting maps are included in the report written by the geologist.

PRESENT STATUS

No mining has been done on the property in the last 12 to 15 years, thus the ladders, bucket skids, and timbers in the main incline and on the levels are in poor repair. All the timber, ladders, and skids below the 100-foot level in the main incline have been removed making it necessary to reach the 200-foot level by means of a cable hanging in the shaft.

In general, the mine openings stand well, but some have been made inaccessible by caving, intentional gobbing of waste, or flow of loose rock from the stope areas.

With the exception of a few hundred feet of 12-pound mine rail in track and stacked on the levels, there is no mining equipment on the property. The only other facility that would aid a mining operation is a two-room cabin in good repair.

PROJECT PROPOSALS

The applicant proposes to drive openings on the 55-foot level and 63-foot level to follow small fissures containing some sulfide mineralization. No statement is made as to definite aims except that the fissures

be explored along their strike lengths to determine the presence or absence of commercial ores. The time estimated by the applicant for the completion of the work is 12 to 18 months.

Considerable rehabilitation on the surface and underground would be required before any new work could be started. A headframe, hoist, compressor, and shop would be necessary in addition to living facilities for underground personnel and surface employees. Air and water lines would be required in the shaft and some replacement of timber and ladders necessary. A view of the surface is shown in figure 3 and a view of the shaft collar in figure 4.

The mine is accessible by truck throughout the entire year because snowfalls are not great enough to preclude use of the existing roads. A county-maintained road from the Thomas Ranch to Callao passes within 2 miles of the property. It is 86 miles by this road and connecting roads to the paved Utah Highway 36 at Vernon, Tooele County, thence approximately 30 miles to the Tooele smelter to which the applicant proposes to ship any ore encountered.

Manpower sufficient for the limited program proposed is available in Eureka, Tooele, or other mining camps in Tooele County.

No electric power is available in the area thus any power required would be generated at the mine.

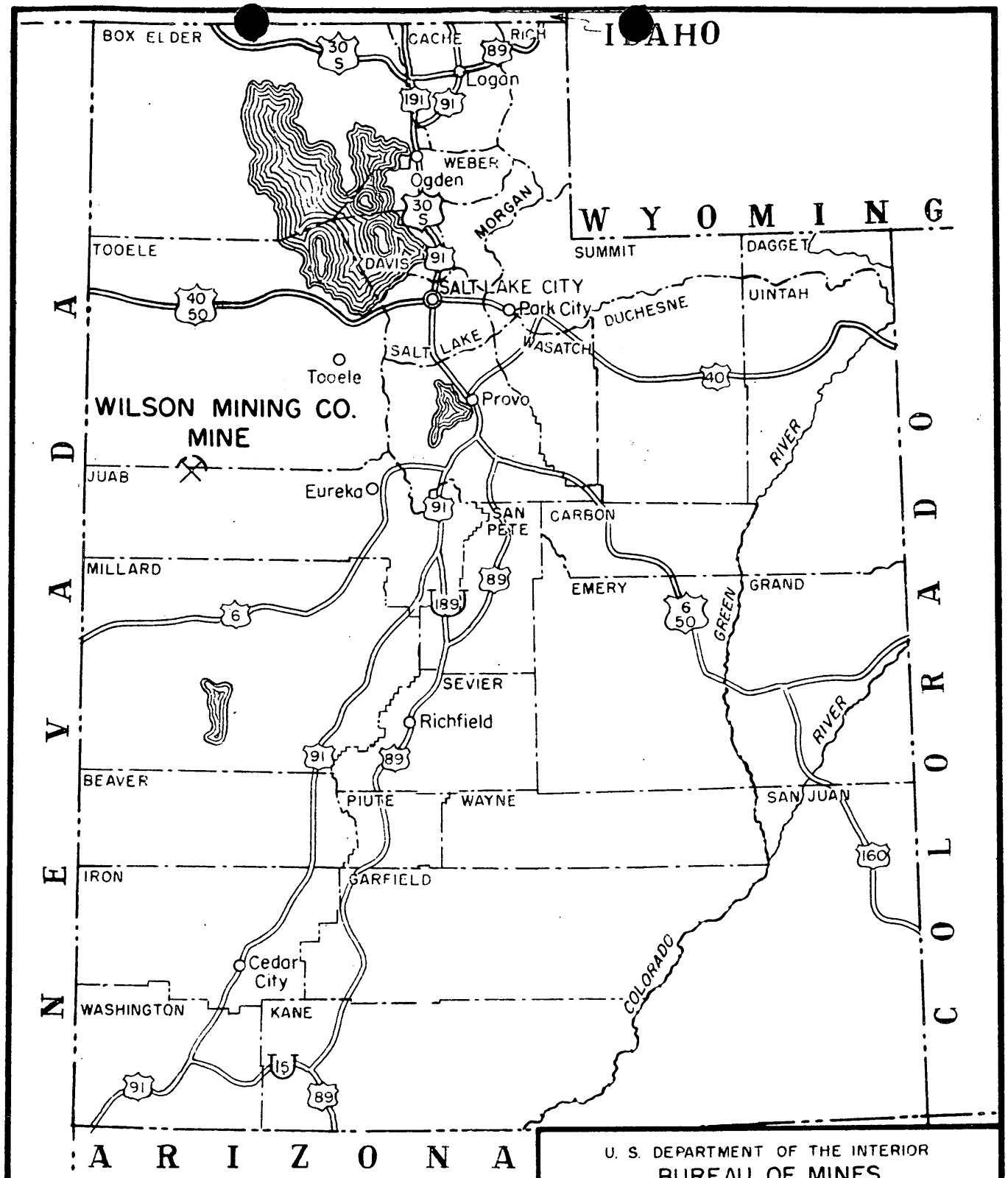
The applicant proposes to haul culinary water from Callao, 17 miles distant, and haul other water from one of the saline springs near the north end of Fish Springs Range.

COST OF PROJECT

A cursory calculation shows that the applicant's cost estimate for the work outlined ($21,847) is probably reasonable. The applicant is apparently able to supply the necessary capital required under DMA exploration agreements.

CONCLUSIONS AND RECOMMENDATIONS

Based upon the record of minor production of the past operation of the mine, the small size and irregularity of ore bodies mined, and the lack of geologic evidence of the possibility of a commercial ore body on the property, it is concluded that the applicant's proposed exploration program has little chance of developing ore in sufficient quantity to justify a DMA loan. It therefore is recommended that the application be denied.



U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1 Proj. No.

Location Map

WILSON MINING CO. MINE

JUAB COUNTY, UTAH

ENGINEER: H. K. THURBER	DATE: AUG. 14, 1951
TRACED: AUG. 1951, A.P.T.S.	1500-1070-E
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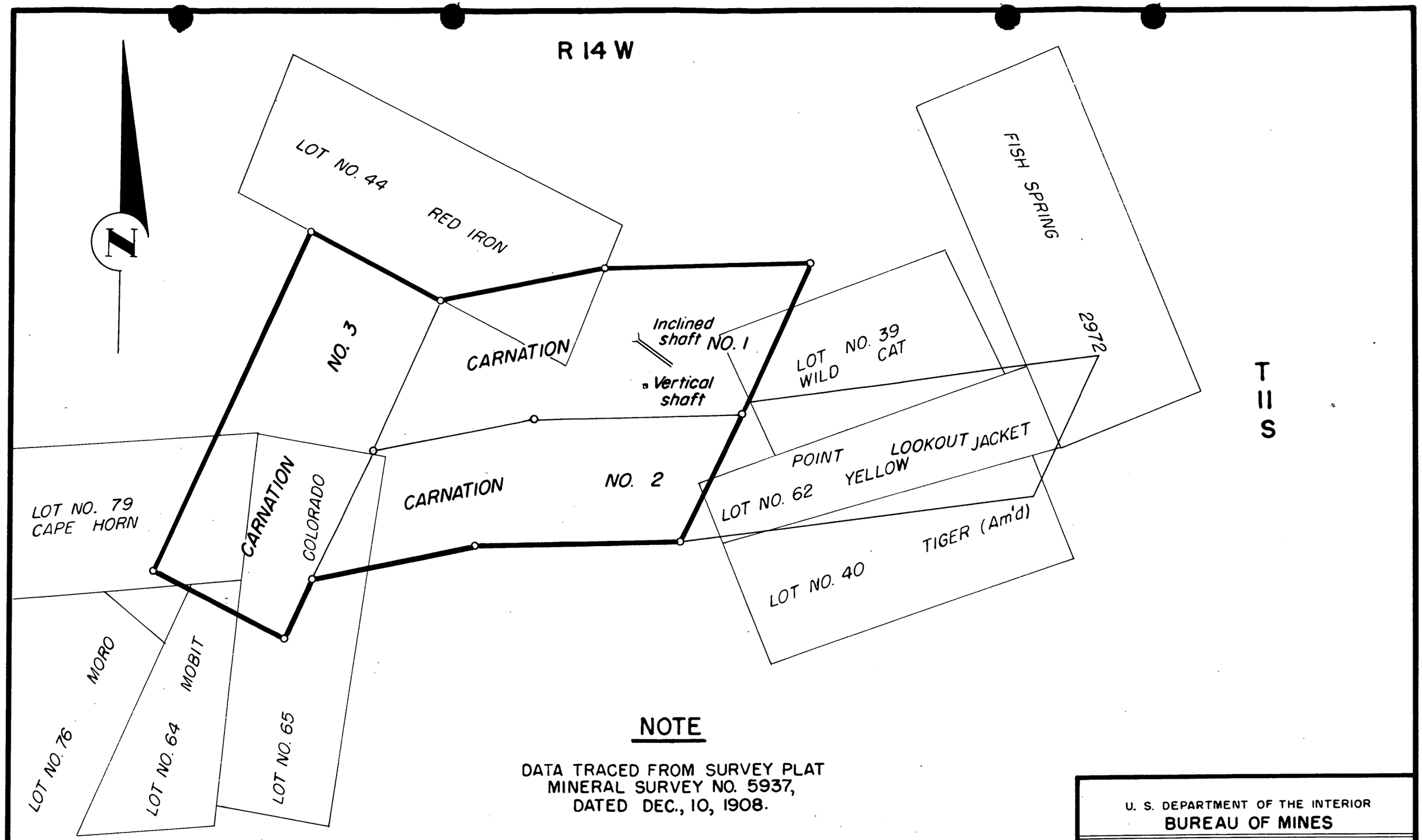

NOTE

DATA TRACED FROM SURVEY PLAT
MINERAL SURVEY NO. 5937,
DATED DEC., 10, 1908.

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 2 DMA Docket 1401 X
Claim Map

WILSON MINING CO. MINE

FISH SPRINGS MINING DISTRICT
JUAB COUNTY, UTAH

ENGINEER:	DATE: AUG. 15, 1951
TRACED: AUG. 1951, A.P.T.S.	1500-1072-F
CHECKED:	

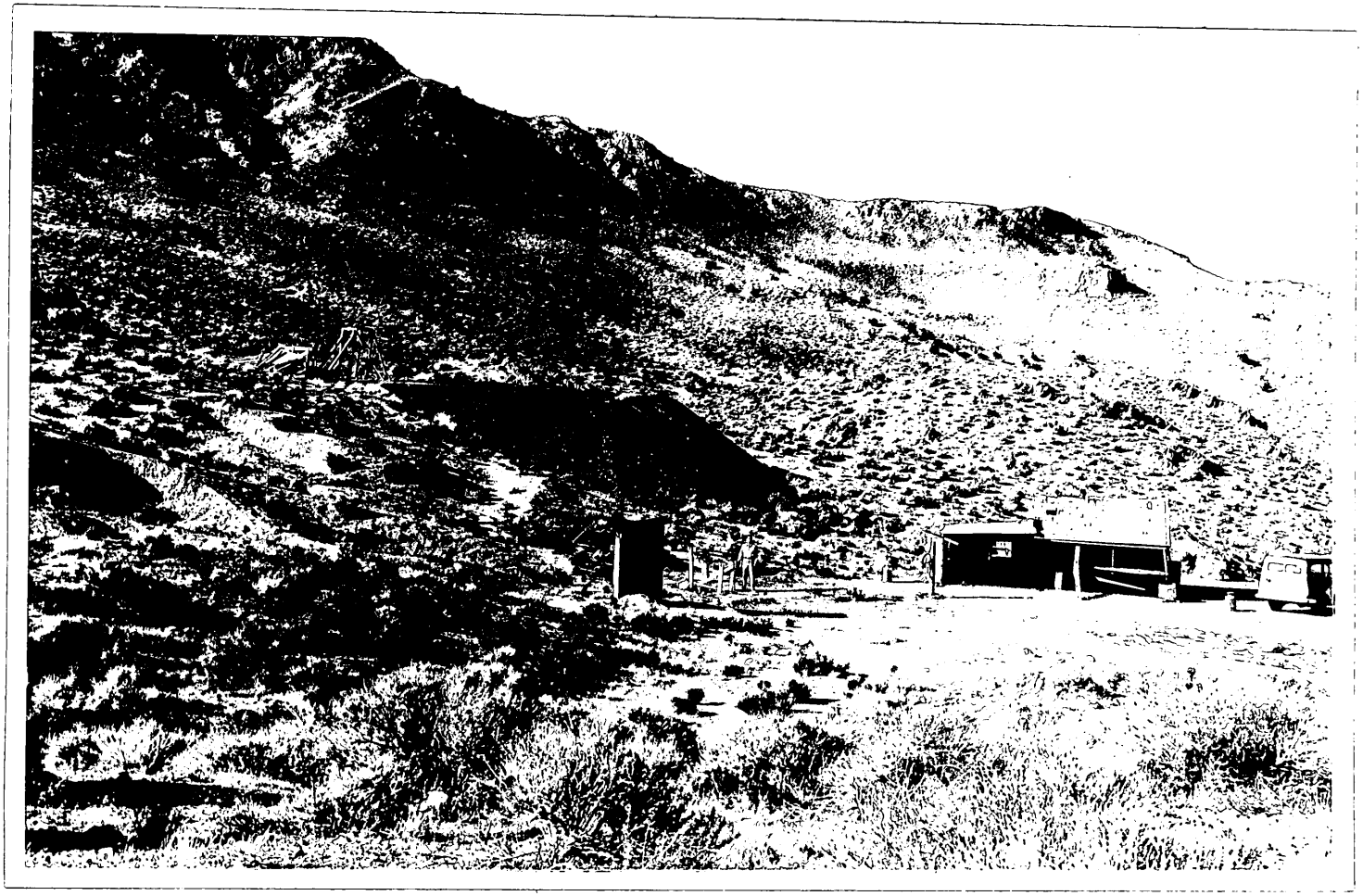

Fig. 3 - View looking approximately S. 10° W. showing surface of Wilson Mining Co. mine. Figure in the center of picture is standing at the collar of the inclined shaft. Vertical shaft shown in the right background.

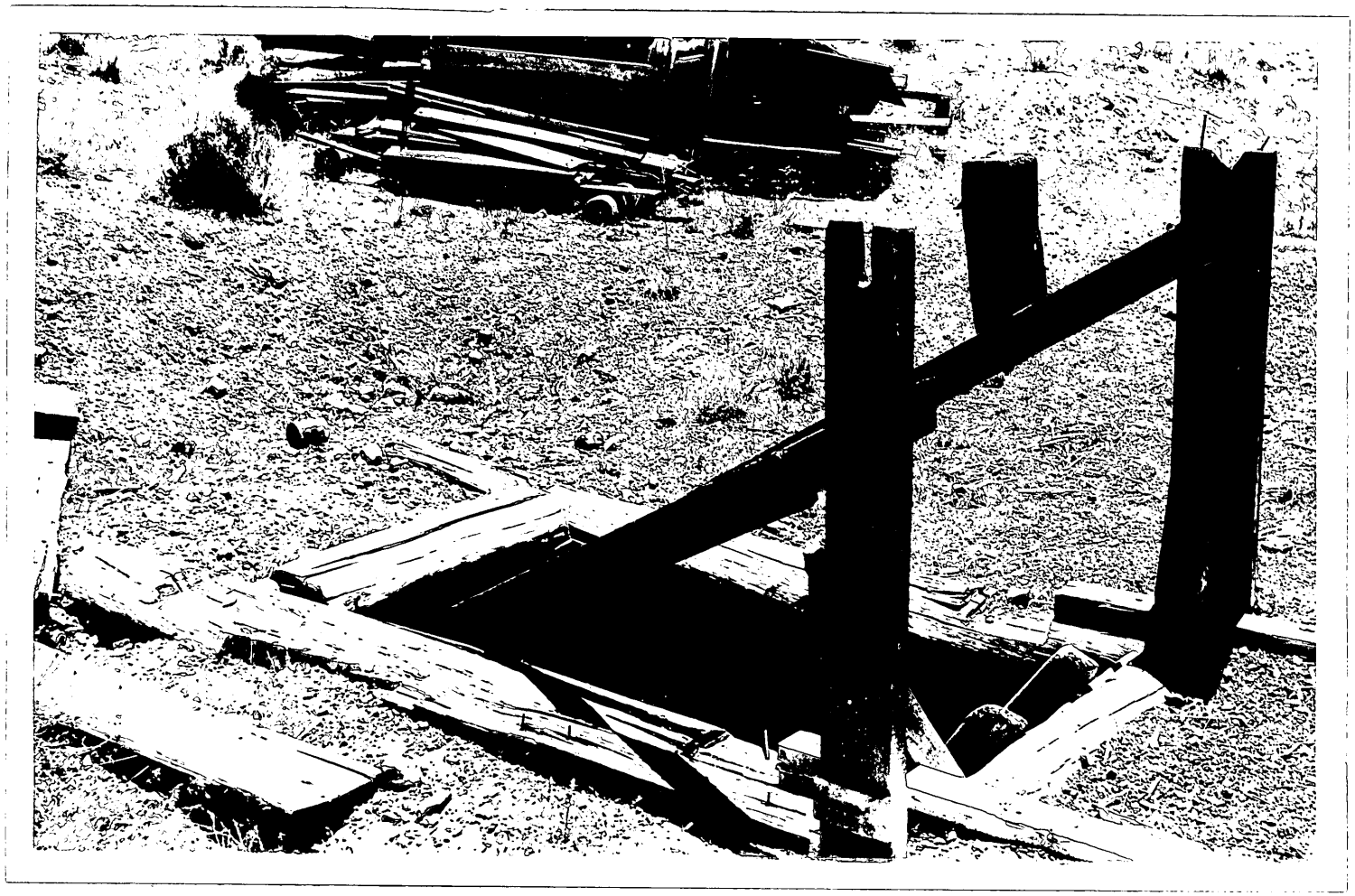

Fig. 4 - View of the collar of the inclined shaft indicating the poor condition of the collar sets.

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

224 New Customhouse
Denver, Colorado

June 28, 1951

U. S. GEOLOGICAL SURVEY
RECEIVED
JUL 2 1951
MINERAL DEPOSITS BRANCH

Memorandum

To: Ralph Roberts (with brochure)

S. R. Wilson

(Through Chief, Mining Division)

From: DMA Field Team, Region IV

Subject: DMA 1401X, Wilson Mining Company, Salt Lake City, Utah

The brochure and review on the above docket is being submitted to you for field examination and report.

P. T. Allsman, Alternate

A. H. Koschmann

Attachments

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

REGIONAL DIRECTOR'S
OFFICE
REGION IV
JUN 27 1951
BUREAU OF MINES
DENVER, COLORADO

JUN 25 1951

Mr. J. H. East, Jr.,
Executive Officer, DMA Field Team
Region IV
224 New Customhouse
Denver 2, Colorado

Dear Sir:

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

Docket No. 1401X

Commodity Lead

Applicant Wilson Mining Company, J. R. Wilson, owner,
535 Garden Avenue, Salt Lake City, Utah

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

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Edwin T. McKnight
For Geological Survey

Brukart for McKnight
6/5/51 Herras

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1401X

Commodity Lead

Total Amount $21,847

Govt. Participation 50%

1. Name and Address of Applicant Wilson Mining Company, J. R. Wilson. owner
535 Garden Avenue, Salt Lake City, Utah

2. Location of Property Fish Springs Mining District, Juab County, Utah

3. Mineral or metal Lead Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination Yes

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated?
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary?_____

a) MF-201?_____

b) MF-202_____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower_____

b) Equipment and supplies_____
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)*_____

d) Water (question 13)*_____

e) Power (question 13)*_____

Is a field check needed on any of these points?_____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)*_____

_____

Is a field check needed on this point?_____

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described?_____

If not, are there sufficient data given so that you can describe the project?_____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work?_____

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5?_____

If not, what part of it is?_____

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____ _____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

15. In your judgment, can the proposed work be done in the proposed time? _____

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? This application is completely lacking in geologic data, accurate location, maps of property, cost estimates, etc. There is no data available in Washington upon which to base a favorable decision. A field examination might be necessary to determine the merits of the proposal. Geologic examination is all that is needed at present, but if favorable, other phases of the application need attention.

Reviewed by: A.L. Brokaw (GS)

Date 1/19/51

97692

Recheck for McNaughton
6/5/51
Hesses

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1401X

Commodity Lead

Total Amount $21,847

Govt. Participation 50%

1. Name and Address of Applicant Wilson Mining Company, J. R. Wilson, owner

535 Garden Avenue, Salt Lake City, Utah

2. Location of Property Fish Springs Mining District, Juab County, Utah

3. Mineral or metal Lead Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination Yes

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated?
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary?_____

   a) MF-201?_____

   b) MF-202_____

8. From the data presented, does the proposed project appear feasible from the point of view of:

   a) Available manpower_____

   b) Equipment and supplies_____
      (Question 14 plus general knowledge of availability)*

   c) Accessibility (question 12)*_____

   d) Water (question 13)*_____

   e) Power (question 13)*_____

   Is a field check needed on any of these points?_____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)*_____

   _____

   Is a field check needed on this point?_____

10. Exhibit A. (questions 21 and 22)*

    a) Is the project adequately described?_____

       If not, are there sufficient data given so that you can describe the project?_____ If so, attach a draft.

    b) Is there an adequate map or sketch of the proposed work?_____

       _____

    c) Is the proposed work "exploration" under the definition of Section 8, MO-5?_____

       If not, what part of it is?_____

       _____

       _____

       _____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____ _____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

15. In your judgment, can the proposed work be done in the proposed time? _____

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? This application is completely lacking in geologic data, accurate location, maps of property, cost estimates, etc. There is no data available in Washington upon which to base a favorable decision. A field examination might be necessary to determine the merits of the proposal. Geologic examination is all that is needed at present, but if favorable, other phases of the application need attention.

Reviewed by: A.L. Brokaw (GS)

Date 1/19/51

97692

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1401X

Date received 5-31-51

Participation

J. R. Wilson, owner
Wilson Mining Company
535 Garden Ave.
Salt Lake City, Utah

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $21,847.00

Mineral or metal Lead

Percentage of Government participation 50%

Location of mine Fish Springs Mining District

Date of filing MF-100

DMA Docket Number, if available dma 1401X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

JUN 4 1951

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
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    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
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24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Wilson Mining Company (Name of company) By J. P. Wilson (Signature of authorized official)

May 29, 1953 (Date) Owner (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1401 X

Date received 5-31-51

Participation

J. R. Wilson, owner
Wilson Mining Company
535 Garden Ave.
Salt Lake City, Utah

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $21,047.00

Mineral or metal Lead

Percentage of Government participation 50%

Location of mine Fish Springs Mining District

Date of filing MF-100

DMA Docket Number, if available dma 1401 X

INSTRUCTIONS

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THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
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16—64067-1

THE PROPERTY

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May 29, 1951 (Date) owner (Title)

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Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1401X

Date received 5-31-51

Participation

J. R. Wilson, owner
Wilson Mining Company
535 Garden Ave.
Salt Lake City, Utah

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $21,047.00

Mineral or metal Lead

Percentage of Government participation 50%

Location of mine Fish Springs Mining District

Date of filing MF-100

DMA Docket Number, if available dma 1401X

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16—64067-1

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By J. P. Wilson (Signature of authorized official)

May 29, 1951 (Date)

owner (Title)

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16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 14018

Date received 5-31-51

Participation

J. R. Wilson, owner
Wilson Mining Company
535 Garden Ave.
Salt Lake City, Utah

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $21,047.00

Mineral or metal Lead

Percentage of Government participation 50%

Location of mine Fish Springs Mining District

Date of filing MF-100

DMA Docket Number, if available dma 14018

INSTRUCTIONS

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16—64067-1

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    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. not mining
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) none
    (*a*) Describe the ore or mineral deposits briefly. Lead Silver
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? lead
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 12 - months

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 2 miners 1 trucker
    (*b*) Supervisors, by numbers and positions, with salaries of each. Working Supervisor
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings. 500.00
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. Compressor - Engine Rental 150.00 Per mo.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above. Can't tell exactly
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Wilson Mining Company (Name of company) By J R Wilson (Signature of authorized official)

May 29, 1951 (Date) owner (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

MF-103

Defense Minerals Admin.
U. S. Dept. of the Interior
Washington D. C.

1. Individual.

4. Mining experience for over thirty years. In case of the grant of this loan I will manage this property or project.

5. Owner.

6. None.

8. No assets or liabilities, other than:
Cabins $1500.00
Equipment:
rails
cars, buckets 1000.00
$2500.00

9. I have the manpower and sufficient money available to keep up my end of the agreement.

10. See maps inclosed.

11. Former name, Carnation. Present name, Wilson Mining Co.

12. Location of property is in the Fish Springs Mining district, Juab County, Utah. 100 miles from Tooele, Utah. Ore would be trucked to the smelter in Tooele, Utah, which is the closest available rail and smelter to the property. Roads being used at this time.

13. Water for cullinary purposes has to be hauled about 11 miles. Plenty of water all seasons of the year. Gasoline motor power would be used in the operation.

14. Cabine for living purposes, and rails, ore cars, buckets etc.

15. Ore would be trucked to the smelter in Tooele, Utah.

16. Enclosed information.

18. (a) none
(b) enclosed.
(c) none.

20. Lead

21. Approximately twelve to eighteen months. However, ore may be encountered sooner than the estimated time figured.

22. Enclosed.

23.	(a)	two miners @ $14.00 ea. per day	$ 5,600.00
	(b)	one mucker @ $14.00 per day	2,800.00
	(b)	Supervisor @ $16.00 per day for days worked only	3,300.00
		(This is an established rate of wages in this area. In fact, many firms are paying more plus board)	
	(c)	Repairs	1,027.00
	(d)	Installation	500.00
	(e)	Equipment--asneeded	3,000.00
	(f)	Rental of equipment	2,700.00
	(g)	Cabin living quarters and	900.00
		miscellaneious equipment	400.00
	(i)	Water, Power, etc.	1,620.00

24. Approximately two feet a day if done by hand drilling and four feet per day if done by machine. We have experienced miners and muckers available and ready to go to work upon approval of this loan.
The approximate money to be spent $21,847.00

WILSON MINING COMPANY

J R Wilson

owner

JRW:ajm
oeiu#31

MF-103

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U. S. Dept. of the Interior
Washington D. C.

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MF-103

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WILSON MINING COMPANY

Owner

JRW:ajm
oeiu#31

7. Mine is an incline shaft and all dry.

8. The mine was a producing mine of high grade ores from about 1900 but during the '20s when the health of My Father was not good and later the price of metals were low there was a deterioration to a certain extent to the workings and equipment and upon the death of my Father I located the property and have maintained the mine by strict adherence to the laws of the Federal Government The State of Utah and the laws of the District of Fish Springs. The mineral deposits are covered fully in the Professional Papers #111 of the Districts of Utah and written by B. S. Butler, U.S.Geologist. The ores in the District are of very high grade and have high content in lead and the Wilson mine ores sampled and shipped have usually run 50% some running very much higher with a silver content of from 100 to 300 ounces per ton. The ore is classed as a premium ore by the smelters of Utah and is of a free milling type with the smelting companies paying a premium on the ore. The deposits are of the replacement type in pipes and stopes and are found near the North South fissure and following the East West fissures. Assay of sample is inclosed. There is no equipment on the property. The mine requires about 150 feet of new skid ladder and repair to 150 feet of ladder. The roads are in a rather good state or repair as the mine is on the edge of the Wendover Bombing range and a short distance from the Army Chemical Testing grounds and the Army retains the roads in good repair.

9. Water would be hauled by truck from Callao for drinking a distance of 11 miles and from the Fish Springs about 6 miles for drilling purpose.

'The following is the information desired in regards to Title of Property. The records are on file at Nephi, Juab County, Utah, in B ook 110, page 120; Abstract Book 2, page 113; filed on July 5, 1929.

'Seven Claims'.

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'Seven Claims'.

J. P. Wilson Owner.
535 Garden Ave -
Salt Lake City,
Utah.

FILE COPY
SURNAME:

Brokaw
to McKnight
McKnight
Hersson
McKnight
Wilson

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

Docket
Dmed
6/25/51

June 20, 1951

Re: Docket DMA-1401X

Mr. J. R. Wilson
Wilson Mining Company
535 Garden Avenue
Salt Lake City, Utah

Dear Mr. Wilson:

Your application (Docket DMA-1401X) for a Government loan under the provisions of the Defense Production Act of 1950 has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Before final decision can be taken on your request, it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to Mr. J. H. East, Jr., Executive Officer of the Field Team, 224 New Customhouse, Denver 2, Colorado, for further information and advice.

Very truly yours,

Tom Lyon, Director
Supply Division

ALBrokaw:emp
G 6/09/51

Copies to: J. H. East, Jr Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

DMA 1401

TELEPHONE 3-3302

Hand Sample Serial 50975-76

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, Jr., Secretary

Salt Lake City 11, Utah

Mine I.S. 3897 Wilson Mining Company

J. R. Wilson, Owner

RESULTS PER TON OF 2000 POUNDS

Sept.17,1946

NO.	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE GOLD
Paper Sack		101.8	53.9		0.8	1.5	3.8	0.8	11.0			
Cloth Sack		132.3	58.9		1.2	3.9	7.2	2.6	3.2			

Remarks

Charges $

Telephone 3-3302

Hand Sample Serial 10657

ASSAY CERTIFICATE

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, Jr., Secretary

Salt Lake City, Utah

Mine I. S. 2999

Sept. 30, 1943

RESULTS PER TON OF 2000 POUNDS

NO.	CLASS	GOLD Oz. per Ton	VALUE GOLD	SILVER Oz. per Ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent
		0.010		97.2	68.0							

Remarks

Charges $

FILE COPY
SURNAME:

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

June 18, 1951

Mr. J. R. Wilson
Wilson Mining Company
535 Garden Avenue
Salt Lake City, Utah

Subject: DMA-1401X
Re: Exploration Loan

My dear Mr. Wilson:

Receipt is acknowledged of your application and attachments of May 28, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1401X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch, on June 4, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1401X.

Sincerely yours,

LANDON F. STROBEL jp

Landon F. Strobel
Executive Secretary

LFSTROBEL:hb

Copy to: Mr. Strobel
Mr. Lyon
Mr. Herres
Files

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

May 19, 1951

Mr. J. R. Wilson
Wilson Mining Company
535 Garden Avenue
Salt Lake City, Utah

Dear Mr. Wilson:

In reply to your letter of May 15 asking several questions concerning the exploration program of DMA I am pleased to enclose a release dated May 14 which gives questions and answers in relation to the program. Probably this release will clear up some of the matters you have in mind.

The Government matches funds for exploration projects and stands its proportion of all direct costs properly chargeable to the work. The Government's contribution is available on a month to month basis. At the end of the first month the DMA field office will pay the agreed upon proportion of allowable costs after a detailed statement is submitted. These payments will be made promptly through the regional offices of the Bureau of Mines.

The questions as to the provision for hiring a cook and the purchase of groceries for miners probably would have to be answered by determining whether this expense is chargeable to the project or to the miners for their board.

With reference to supervisors, it is my understanding that direct supervision is chargeable to the project.

In case I can be of further assistance in this connection, kindly let me know.

Yours very truly,

Otto Herres

OHERRES:ks

OTTO HERRES, Chief
Lead-Zinc Branch

cc: Strobel
Mote
McKnight
Herres
Files

Enclosure

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

May 9, 1951

Mr. J. R. Wilson
Wilson Mining Company
535 Garden Avenue
Salt Lake City, Utah

Dear Mr. Wilson:

I have your letter of May 1 concerning your mining claims in Juab County, Utah, and requesting application blanks for exploration purposes.

In accordance with your request, I am pleased to enclose information and application forms relating to the mineral exploration program of DMA.

In case I can be of further assistance to you, kindly let me know.

Yours very truly,

Otto Herres

OTTO HERRES, Chief
Lead-Zinc Branch

Enclosure
OHERRES:ks

cc: Mr. Strobel
Mr. Mote
Mr. McKnight
Mr. Herres
Files

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1401X

Date received 5-31-51

Participation

J. R. Wilson, owner
Wilson Mining Company
539 Garden Ave.
Salt Lake City, Utah

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $21,847.00

Mineral or metal Lead

Percentage of Government participation 50%

Location of mine Rich Springs Mining District

Date of filing MF-100

DMA Docket Number, if available dma 1401X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
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    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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(2) Milling				
(3) Shipped or sold				

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    (*c*) Give estimated tonnage and grade of each class of ore reserves.
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    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

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    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
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24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Wilson Mining Company (Name of applicant) By J. P. Wilson (Signature of authorized official)

May 29, 1951 (Date) owner (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

MF-103

Defense Minerals Admin.
U. S. Dept. of the Interior
Washington D. C.

1. Individual.

4. Mining experience for over thirty years. In case of the grant of this loan I will manage this property or project.

5. Owner.

6. None.

8. No assets or liabilities, other than:

Cabin	$1500.00
Equipment:	
rails	
cars, buckets	1000.00
	$2500.00

9. I have the manpower and sufficient money available to keep up my end of the agreement.

10. See maps inclosed.

11. Former name, Carnation. Present name, Wilson Mining Co.

12. Location of property is in the Fish Springs Mining district, Juab County, Utah. 100 miles from Tooele, Utah. Ore would be trucked to the smelter in Tooele, Utah, which is the closest available rail and smelter to the property. Roads being used at this time.

13. Water for cullinary purposes has to be hauled about 11 miles. Plenty of water all seasons of the year. Gasoline motor power would be used in the operation.

14. Cabine for living purposes, and rails, ore cars, buckets etc.

15. Ore would be trucked to the smelter in Tooele, Utah.

16. Enclosed information.

18. (a) none
(b) enclosed.
(c) none.

20. Lead

21. Approximately twelve to eighteen months. However, ore may be encountered sooner than the estimated time figured.

22. Enclosed.

23. (a) two miners @ $14.00 ea. per day $ 5,600.00
(b) one mucker @ $14.00 per day 2,800.00
(b) Supervisor @ $16.00 per day for days worked only 3,300.00
(This is an established rate of wages in this area. In fact, many firms are paying more plus board)
(c) Repairs 1,027.00
(d) Installation 500.00
(e) Equipment--asneeded 3,000.00
(f) Rental of equipment 2,700.00
(g) Cabin living quarters and 900.00
miscellaneious equipment 400.00
(i) Water, Power, etc. 1,620.00

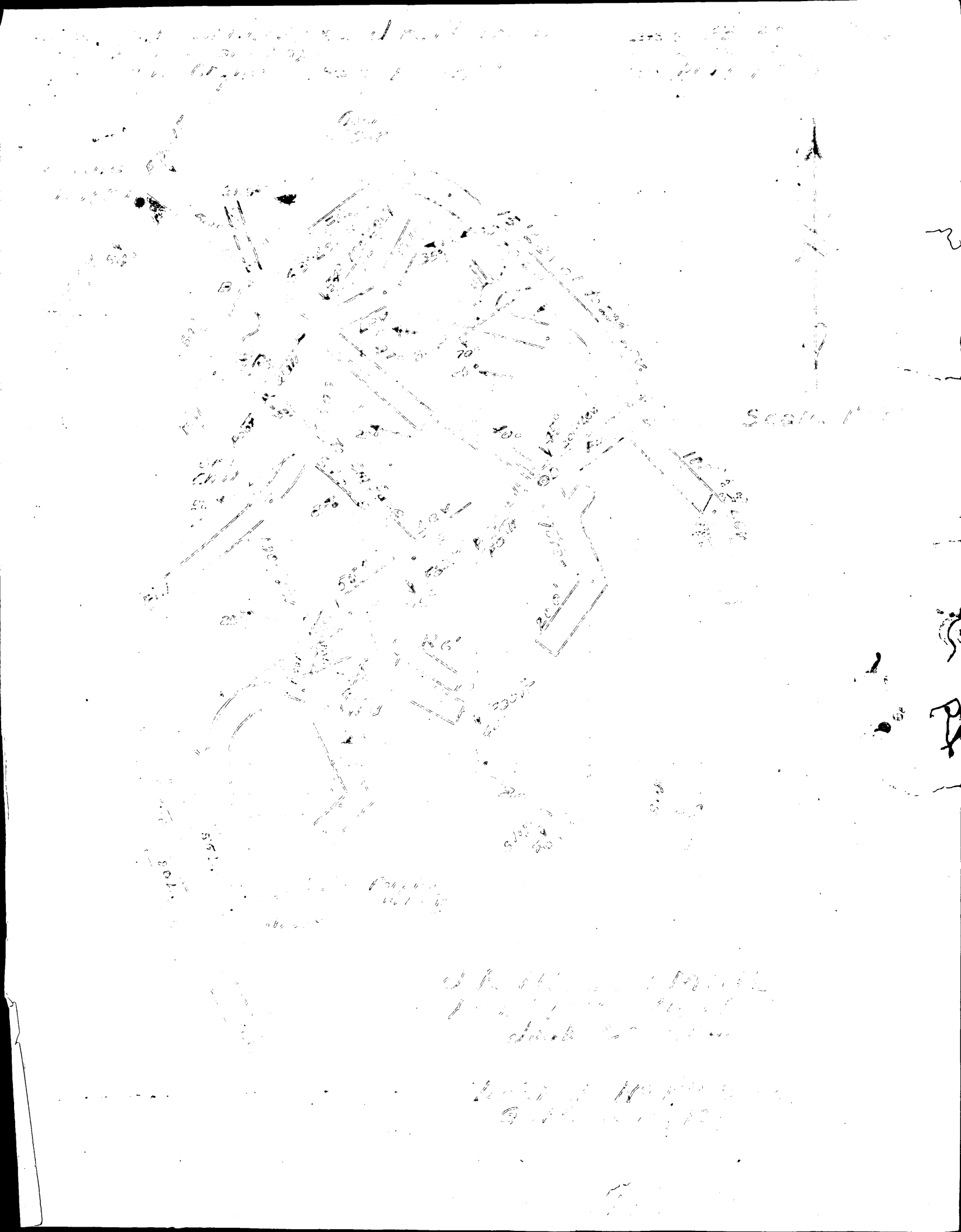
24. Approximately two feet a day if done by hand drilling and four feet per day if done by machine. We have experienced miners and muckers available and ready to go to work upon approval of this loan.
The approximate money to be spent $21,847.00

WILSON MINING COMPANY

J. W. Wilson

owner

JRW:ajm
oeiu#31



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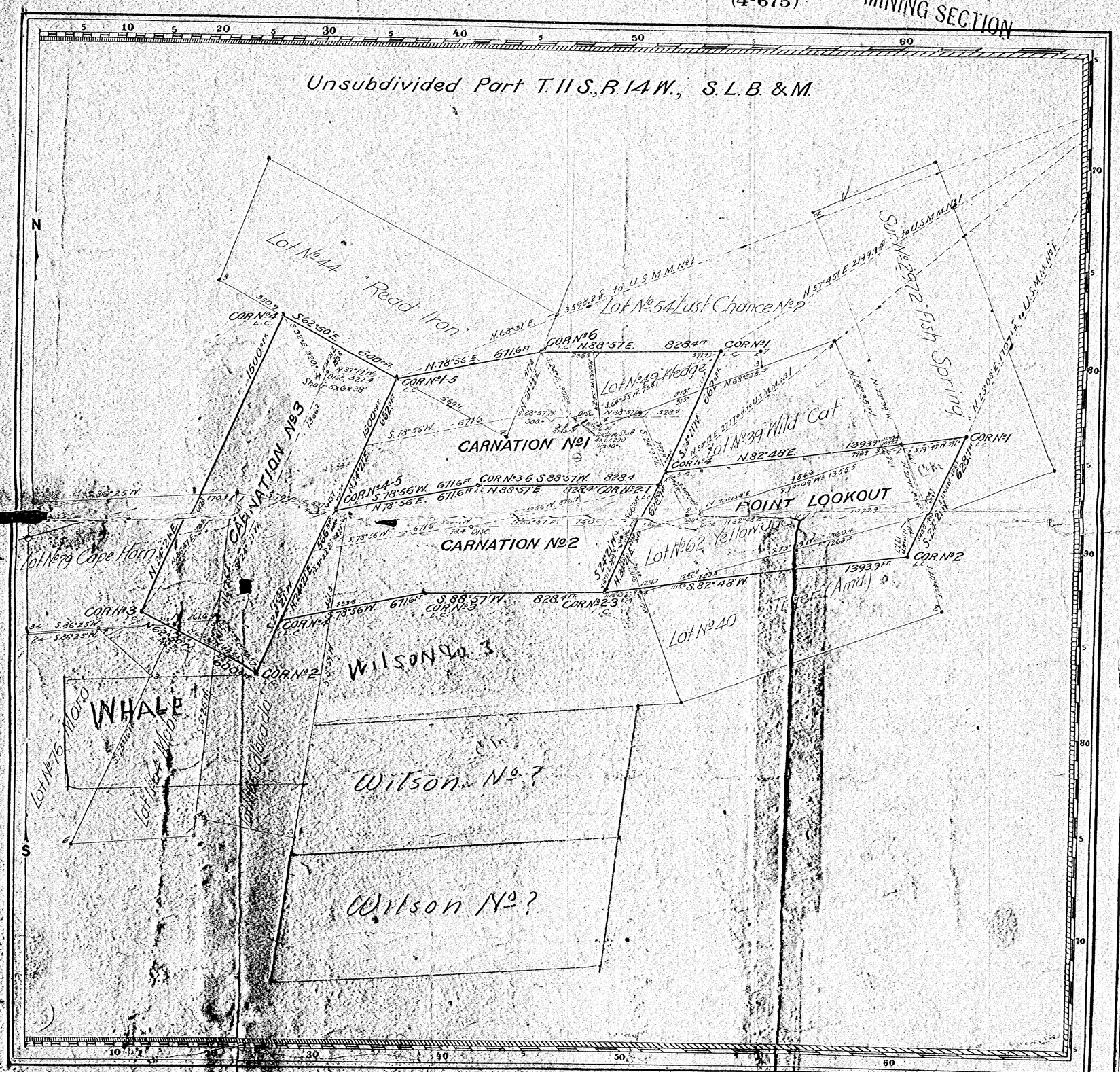

Claim Located Jan. 1, 1904, Jan. 1, 1904, Jan. 1, 1904 and May 8, 1905.

Mineral Survey No. 5937

~~Lot No.~~

Utah Land District.

PLAT

OF THE CLAIM OF

Thos. Coulthurst et al.

KNOWN AS THE

CARNATION No. 3, CARNATION No. 1, CARNATION No. 2, AND POINT LOOKOUT LODES

IN Fish Springs MINING DISTRICT, Juab COUNTY, Utah

Containing an Area of 74.314 Acres.

Scale of 400 feet to the inch.

Variation 16° 30' East

SURVEYED December 10-14, 1908 BY Harry A. Rager

U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of Thos. Coulthurst et al.

known as the

"Carnation No. 3, Carnation No. 1, Carnation No. 2 and Point Lookout" Lodes.

from which this plat has been made under my direction have been examined and approved, and are on file in this Office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimants ~~—~~ for each, by them and their grantors, and that said improvements consist of one incline shaft, part of a shaft and two pits as described in the field notes,

that the location of said improvements is correctly shown upon this plat; that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office
Salt Lake City, Utah
June 23, 1910.

Thomas Kearns
U.S. Surveyor General for Utah