DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 3639

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Cys USGS, USBM, Region II

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Exploration

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700

Surname copy
Murphy
Ellis
Kiilsgaard
Hedges
Selfridge
Johnson

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

APR 12 1955

Mr. William S. Wright, Jr.
Dyer, Nevada

Re: Docket No. DMEA-3639 (Mercury)
Last One Group of claims
Esmeralda County, Nevada

Dear Mr. Wright:

Your application for aid in an exploration project and other information available to us in Washington concerning your above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although a minor amount of mercury mineralization was noted on the subject property, indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FMMurphy/gla
4-8-55
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. H. M. Meyer, Rm. 2623
T. H. Kiilsgaard, Rm. 5224
Code 700
Mr. Murphy
DMEA Field Team, Region II (2)

R.C.G.

Murphy
Ellis

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

April 8, 1955

Summary of Proposed Project

Object: Denial of application for an exploration project

Docket No.: DMEA-3639

Commodity: Mercury

Applicant: William S. Wright, Jr.
Dyer, Nevada

Property: Lessee of 4 claims recorded as Last One claims 1 to 4, filed by Ivan McNett in (Projected Sec. 21), T. - 1 - S., R. - 34 - E., MDB&M. Esmeralda County, Nevada.

Date of Application: January 10, 1955

Amount of Application: $31,311.00

Work Proposed:
1) Sink vertical shaft 100 feet @ $141.25/ft.
2) Drift or crosscut 200 feet @ 85.93/ft.

Field Team Report: Transmitted March 17, 1955

The development of the property previous to examination consisted of a 32 foot inclined shaft, 6 shallow prospect pits, and 3 churn drill holes.

The above work was done to explore an outcrop of silicified rhyolitic tuff or opalite, which appears as an island surrounded by alluvial fan material.

Traces of cinnabar were seen in the opalite, mostly along fractures. Samples cut from a fracture zone in the inclined shaft averaged less than two pounds of mercury per ton of rock, and traces of lower grade rock were seen in other prospect pits on the property. The Field Team were told by the Applicant that four feet of ore was cut at 40 and at 80 feet in hole No. 1, and at 80 feet in hole No. 2. Also that the rock cut at the 40-foot mark contained

7 percent mercury. However the Field Team state that no cinnabar was observed in the drill hole sludge dumped near the site of the holes. The Applicant had no assay results to confirm his statements concerning the drill holes.

Because no indication of ore was noted and the report of ore in the drill holes could not be verified, the Field Team recommend the application be denied.

The Field Team observed that in their opinion the financial responsibility of the Applicant was poor. Also, he has had very little mining experience. The proposed estimated cost figures submitted seem to confirm the Field Team's opinion.

Commodity Committee Members' Comments:

U. S. Bureau of Mines

J. H. Hedges, dated April 1, 1955, notes....."There is no justification for exploration of the area and the application should be denied.

U. S. Geological Survey

E. L. Newcomb, dated March 31, 1955, notes...."The examination of the workings and drill cuttings showed that promising mineralization is not presently exposed on the Last One claims.

"I concur with the Field Team's conclusions and recommend this application be denied."

Rare and Miscellaneous Metals Division - F. M. Murphy, April 4, 1955

The shafting and drifting proposed by the Applicant cannot be justified by the available data.

The field examiners state that diamond drilling is impractical because the fractured opalite is extremely difficult to core. Also, that churn drilling would be the least expensive way of exploring the opalite at depth but little useful data on mineralized structures would be gained.

The Applicant has not signified that he would agree to a drilling project. Therefore this Division recommends that the subject application be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

4/4/55 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

April 1, 1955

Memorandum

To: W. R. Griswold
Chief, Base Metals Division, DMEA

From: J. H. Hedges, Bureau of Mines

Subject: DMEA-3639 (Mercury) William S. Wright, Jr., Last One Claims, Esmeralda County, Nevada

The field examiners were unable to find any indications of ore on the property and reports of ore in drill holes could not be verified.

There is no justification for exploration of the area and the application should be denied.

J. H. Hedges
J. H. Hedges

Copy to: Miss Meyer, Room 3623
Division of Minerals
J. H. Hedges

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

APR - 4 1955

April 1, 1955

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Chief, Base Metals Division, DMEA

From: J. H. Hedges, Bureau of Mines

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Last One Claims, Esmeralda County, Nevada

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Division of Minerals
J. H. Hedges

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

April 1, 1955

Memorandum

To: G. R. Griswold
Chief, Base Metals Division, DMEA

From: J. H. Hedges, Bureau of Mines

Subject: DMEA-3639 (Mercury) William D. Wright, Jr., Last One Claims, Esmeralda County, Nevada

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J. H. Hedges

J. H. Hedges

Copy to: Miss Meyer, Room 3623
Division of Minerals
J. H. Hedges

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

April 1, 1955

Memorandum

To: S. R. Griswold
Chief, Base Metals Division, DMA

From: J. H. Hedges, Bureau of Mines

Subject: DMA-3639 (Mercury) William S. Wright, Jr., East One Claims, Esmeralda County, Nevada

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J. H. Hedges

J. H. Hedges

Copy to: Miss Meyer, Room 3623
Division of Minerals
J. H. Hedges

4/4/55 9a

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

March 31, 1955

Re: DMEA-3639
W. S. Wright, Jr.
(Last One Claims)
Esmeralda Co., Nev.
$31,311 - Mercury

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of Field Team examination report

The Field Team has recommended the applicant's proposal be denied.

The outcrop on the claims contains traces of mercury and samples by the examiners indicate the low grade of the mineralization.

A few hundred tons of opalite containing less than 2 pounds of quicksilver per ton may be inferred from the limited exposures on the property.

The examination of the workings and drill cuttings showed that promising mineralization is not presently exposed on the Last One claims.

I concur with the Field Team's conclusions and recommend this application be denied.

E. L. Newcomb

E. L. Newcomb

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

March 31, 1955

Re: DMEA-3039
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(Last One Claims)
Esmeralda Co., Nev.
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I concur with the Field Team's conclusions and recommend this application be denied.

E. L. Newcomb

ELNewcomb:hlm
G-3/31/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
H. M. Meyer, 2623 Interior

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

March 31, 1955

Re: DMEA-3039
W. S. Wright, Jr.
(Last One Claims)
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G-3/31/55

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Branch reading, 4212
DMEA (3)
Docket file
H. M. Meyer, 2623 Interior

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D.C.

March 31, 1955

Re: DMEA-3039
W. S. Wright, Jr.
(Last One Claims)
Esmeralda Co., Nev.
$31,311 - Mercury

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E. L. Newcomb

ELNewcomb:hlm
G-3/31/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
H. M. Meyer, 2623 Interior

DMEA 3/28/55 gla

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

1605 Evans Avenue
Reno, Nevada

March 17, 1955

Memorandum

To: George C. Selfridge, Chairman, Operating Committee DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3639 (Mercury)
William S. Wright, Jr.
Last One Group of claims
Esmeralda County, Nevada

Reference is made to your letter of January 26, 1955 requesting our recommendation relative to above subject docket.

Attached are four copies of a report DMEA-3639 (Mercury) Last One Group of Claims, Esmeralda County, Nevada by B. H. Sheahan, mining engineer, U. S. Bureau of Mines, and E. H. Pampeyan, geologist, U. S. Geological Survey dated March 14, 1955.

No indication of ore was noted during the examination, and report of ore in drill holes previously drilled could not be verified. The examining engineers recommend that application for DMEA exploration aid be denied.

Roscoe Smith and I approve of the recommendation.

S. Ricker

Attachments

Reviewed by
DMEA OPERATING COMMITTEE
3-25-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-3639 (Mercury), Last One Group of Claims

Esmeralda County, Nevada

Benjamin H. Sheahan, Mining Engineer
U. S. Bureau of Mines

Earl H. Pampeyan, Geologist
U. S. Geological Survey

March 14, 1955

Reviewed by
DMEA OPERATING COMMITTEE
3-25-55
(Date)

Docket No.: DMEA-3639 (Mercury)

Applicant: Mr. William S. Wright, Jr.
Dyer, Nevada

Property: Last One claims
Esmeralda County, Nevada

INTRODUCTION

Mr. W. S. Wright applied on January 10, 1955 to the Defense Minerals Exploration Administration for Government assistance in a $31,311 program to explore for mercury ore bodies at the Last One prospect.

At the request of the DMEA Operating Committee a joint field examination of the property was made February 25, 1955 by B. H. Sheahan, mining engineer, U. S. Bureau of Mines, and E. H. Pampeyan, geologist, U. S. Geological Survey, accompanied by the applicant.

RECOMMENDATIONS

As no indications of ore were seen during the examination and reports of ore in drill holes could not be verified it is recommended that the application be denied.

LOCATION AND ACCESSIBILITY

The property is situated in section 21 (projected), T. 1 S., R. 34 E., M.D.B.&M. in the Fish Lake Valley mining district, Esmeralda County, Nevada, 2½ miles southeast of the Redrock quicksilver mine, on the east slope of the White Mountains at an altitude of 6,500 feet.

To reach the property from Mina, Nevada, which is the nearest town, follow U.S. Highway 95 (fig. 1) southerly 29 miles to the

intersection with U.S. Highway 6, follow Highway 6 westerly 7 miles to Nevada State Highway 3A, follow Highway 3A southerly 16.4 miles to the Red Rock quicksilver mine road, follow a fairly good dirt road westerly 6.1 miles to the Last One group of claims. The total distance from Mina, Nevada is 58.5 miles.

The Red Rock Quicksilver road leading from Nevada State Highway 3A is the only road which is not paved. This 6.1 mile road is frequently closed during winter months because of heavy snow. The paved highways are open practically all year.

LOCAL RESOURCES

The prevailing wage scale for miners in this locality is about $14.00 per day. Skilled workmen are scarce. Mina, Nevada is the nearest source of supplies. There is no mine timber or electric power available at the property. There is a very good supply of water at Middle Canyon creek approximately 400 yards south of the prospect. A fairly good growth of piñon pine suitable for fire wood is available four miles west of the property.

HISTORY AND PRODUCTION

There is practically no recorded history of the prospect. According to Mr. Walter Dunnigan, owner of the nearby Red Rock Quicksilver mine, mercury was discovered and some work was done at the property about 1920. About 1949 Mr. Ferguson, a water-well driller, leased the property and drilled the three churn drill holes. He reported that some mercury ore was found by this work; however, no cinnabar was

observed in the drill hole sludge dumped near the site of the holes, and no samples were taken by the driller.

There has been no ore production from any of the claims.

PROPERTY AND OWNERSHIP

The applicant leased the property from Mr. Ivan McNett, a local rancher and the owner. Four unpatented mining claims known as the Last One Claim, Last One No. 1, No. 2, and No. 3 were reported by the applicant to be included by his lease. The claims are recorded in Book IC., page 320, at Goldfield, Nevada.

Mr. William S. Wright, Jr. has homesteaded on land near Dyer, Nevada. His application for exploration assistance was poorly prepared and his estimated costs were excessive. Mr. Wright has had very little mining experience. He stated that construction work and ranching were his main occupations.

The financial responsibility of the applicant is poor and he lacks sufficient capital for his share of the exploration loan.

DEVELOPMENT

There is practically no surface plant at the property. The applicant lives near Dyer, Nevada and occasionally drives to the prospect to work on the claims.

Exploratory workings are indicated on attached map, Figure 2. These workings include a 37-foot incline shaft, 6 shallow prospect pits, and three churn drill holes. Holes No. 1 and No. 2 were reported to be drilled to a depth of 80 feet, and hole No. 3 drilled to 30 feet.

None of these workings reveal ore of commercial grade.

Equipment at the property includes the following:

Item	Condition
1 - Rock Drill and Steel	fair
1 - Air Compressor (100 cfm) (gasoline)	poor
1 - Hoist - 8 hp. (belt drive)	poor
1 - Mine Car - 12 cubic foot	fair
100' Track - 12 lb. rail	fair
1 - Truck - 1½ ton - Flat bed	poor
2 - Water tanks - 500 gallon capacity	poor
1 - Fresno Scraper	poor
Miscellaneous small hand tools	poor

GEOLOGY

The Last One claims contain an outcrop of silicified rhyolitic (?) tuff, or opalite, which appears as an island surrounded by alluvial fan material. The opalite is irregularly banded with silicified layers ranging from one to five inches in thickness separated by thinner bands containing a white chalky material, probably finely divided opal. The opalite is brittle and is fractured near minor faults which are exposed in six prospect pits.

ORE DEPOSITS

Traces of cinnabar were seen in the opalite, mostly along fractures. Samples cut from a fracture zone in the inclined shaft averaged less

than two pounds of mercury per ton of rock, and traces of lower grade rock were seen in other prospect pits on the property. Some of the occurrences of cinnabar pointed out by the applicant were iron oxide stains. It is reported that four feet of ore was cut at 40 and at 80 feet in hole No. 1, and at 80 feet in hole No. 2. The applicant further reports that the rock cut at the 40-foot mark in hole No. 1 contained seven percent quicksilver.

SAMPLING

Samples taken from the property were analyzed by the U. S. Bureau of Mines, Reno, Nevada. The location of the samples are indicated on the attached map Figure 2.

Sample No.	Lbs. mercury per ton	Remarks
S-342	* 0.1	Incline shaft.
S-343	0.1	Incline shaft.
S-344	0.7	From 400 lbs. of select material mined from the incline shaft.

* less than

ORE RESERVES

There are no measured or indicated reserves. Reserves of a few hundred tons of opalite averaging less than 2 pounds of quicksilver per ton of rock are inferred along the minor faults.

PROPOSED EXPLORATION

In the exploration program proposed by the applicant a 100-foot vertical shaft would be sunk on the No. 1 churn drill hole (fig. 2) in

which four feet of high grade ore was reported cut near the 40- and 80-foot marks. About 200 feet of crosscutting and drifting would be done to explore these veins. The applicant would rather sink a vertical shaft on the No. 1 hole than extend the present inclined shaft to intersect the reported showings in hole No. 1 because the footage would be about the same but the work would be easier. All of the proposed work would be done within the limits of the Last One group of claims.

The applicant has proposed a good program for developing the property based on the rumors of high grade ore in churn drill holes No. 1 and 2. As the body of opalite now exposed is rather small, however, it would be better first to determine the limits and grade of the cinnabar-bearing opalite before planning such an ambitious underground program.

Churn drilling would be the least expensive way of exploring the opalite at depth but little useful data on mineralized structures would be gained. Diamond drilling is impractical as the fractured opalite is extremely difficult to core. Surface trenching has been done on the property but has not uncovered any mineralized structures. More trenching in the unconsolidated fan material, however, should be of some value in determining the areal extent of the opalite. The applicant implied that he would not test the deposit further unless it could be done with Government assistance.

In view of the paucity of favorable geologic indications and the low grade of the exposed cinnabar-bearing opalite, it is recommended that the application for a DMEA loan on the Last One group of claims be denied.

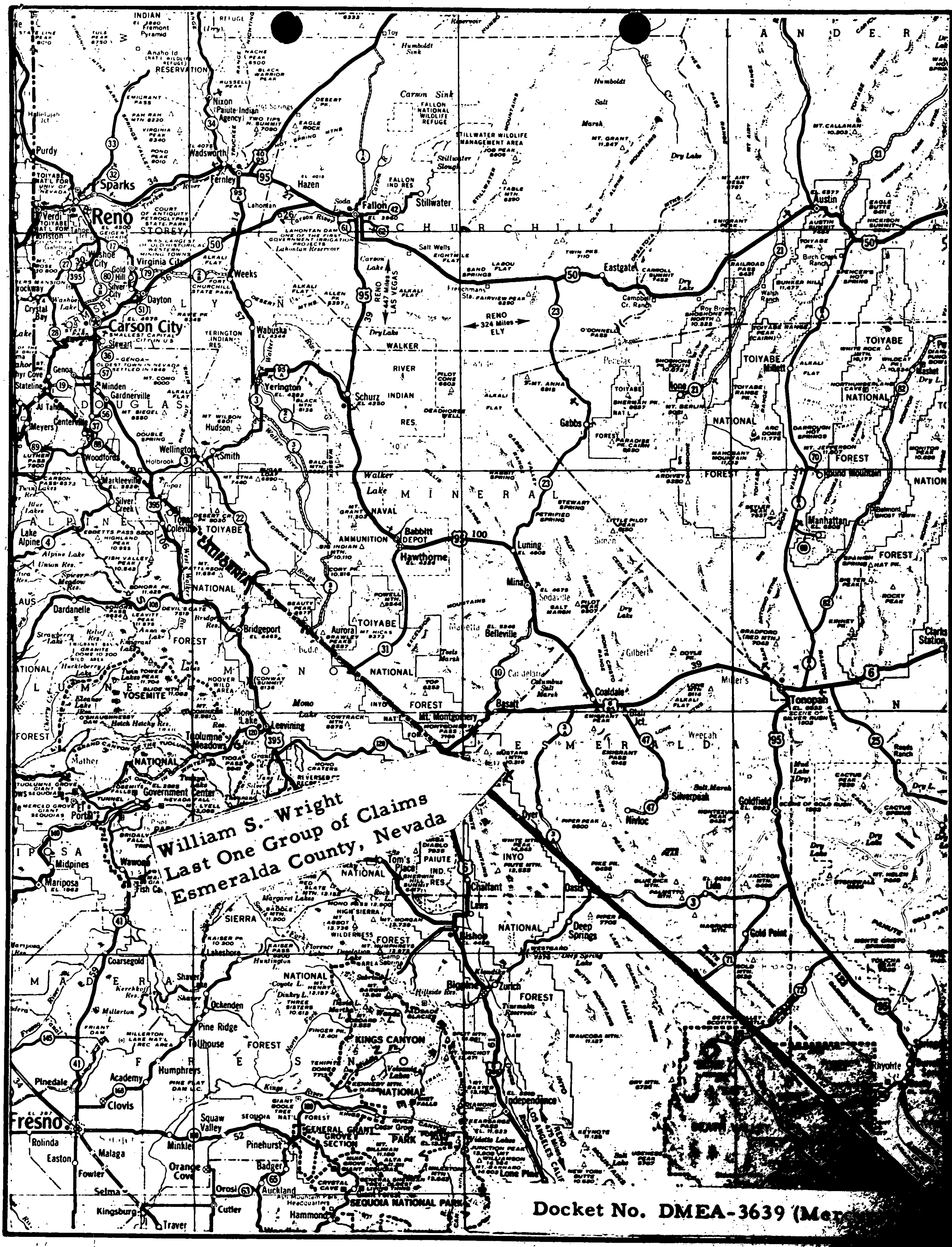
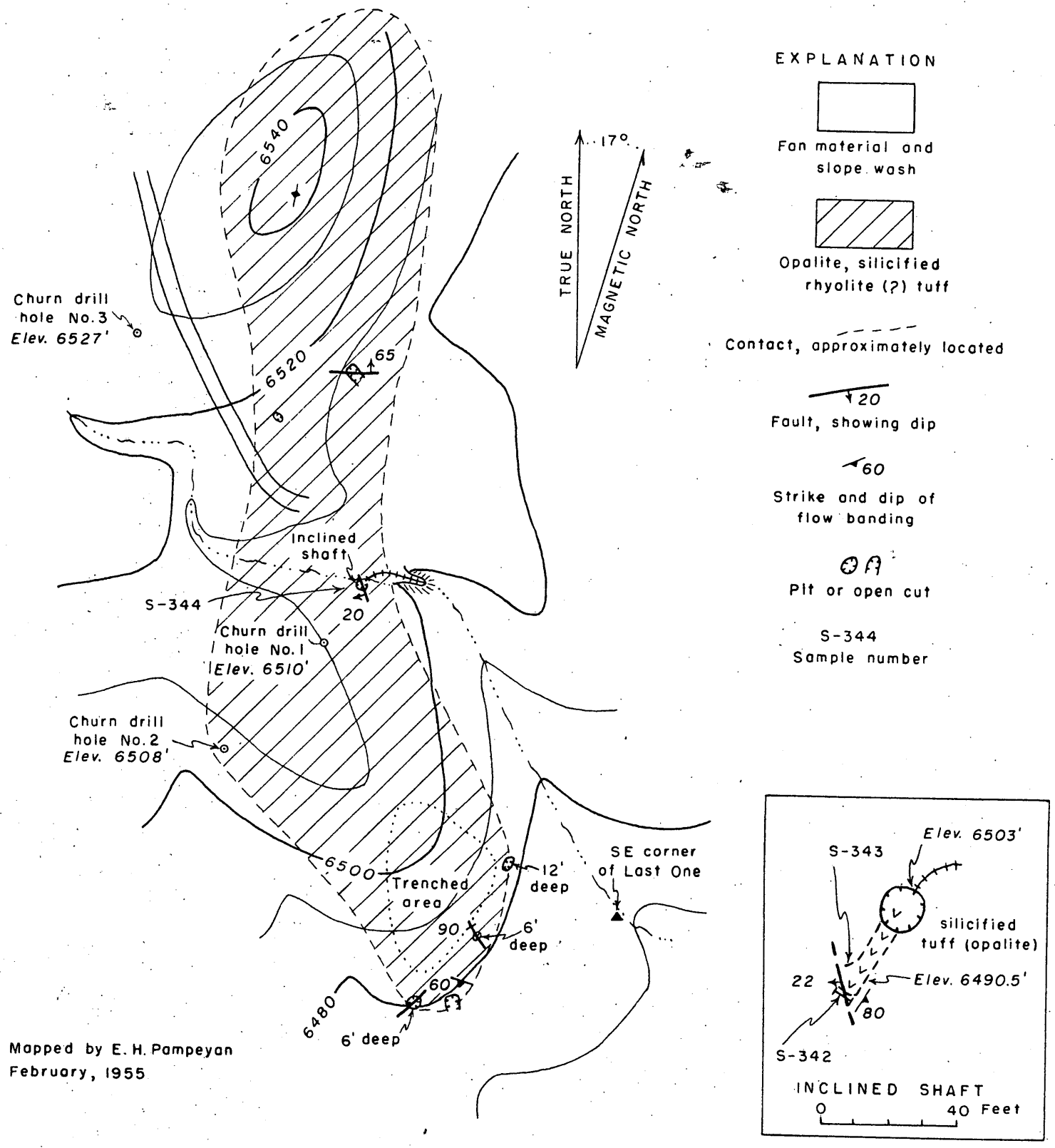


FIG. I

LOCATION MAP

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3639
(MERCURY)



LAST ONE PROPERTY, ESMERALDA COUNTY, NEVADA

100 0 100 200 Feet

Contour interval 20 feet
Datum assumed

Figure 2

3/22/55 gla

1605 Evans Avenue
Reno, Nevada

March 17, 1955

Memorandum

To: George C. Selfridge, Chairman, Operating Committee
DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3639 (Mercury)
William S. Wright, Jr.
Last One Group of claims
Esmeralda County, Nevada

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No indication of ore was noted during the examination, and report of ore in drill holes previously drilled could not be verified. The examining engineers recommend that application for DMEA exploration aid be denied.

Roscoe Smith and I approve of the recommendation.

S. Ricker

Attachments

SRicker:gh
cc: H. C. Miller
R. M. Smith
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

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Esmeralda County, Nevada

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ORE DEPOSITS

Traces of cinnabar were seen in the opalite, mostly along fractures. Samples cut from a fracture zone in the inclined shaft averaged less

than two pounds of mercury per ton of rock, and traces of lower grade rock were seen in other prospect pits on the property. Some of the occurrences of cinnabar pointed out by the applicant were iron oxide stains. It is reported that four feet of ore was cut at 40 and at 80 feet in hole No. 1, and at 80 feet in hole No. 2. The applicant further reports that the rock cut at the 40-foot mark in hole No. 1 contained seven percent quicksilver.

SAMPLING

Samples taken from the property were analyzed by the U. S. Bureau of Mines, Reno, Nevada. The location of the samples are indicated on the attached map Figure 2.

Sample No.	Lbs. mercury per ton	Remarks
S-342	* 0.1	Incline shaft.
S-343	0.1	Incline shaft.
S-344	0.7	From 400 lbs. of select material mined from the incline shaft.

ORE RESERVES

There are no measured or indicated reserves. Reserves of a few hundred tons of opalite averaging less than 2 pounds of quicksilver per ton of rock are inferred along the minor faults.

PROPOSED EXPLORATION

In the exploration program proposed by the applicant a 100-foot vertical shaft would be sunk on the No. 1 churn drill hole (fig. 2) in

which four feet of high grade ore was reported cut near the 40- and 80-foot marks. About 200 feet of crosscutting and drifting would be done to explore these veins. The applicant would rather sink a vertical shaft on the No. 1 hole than extend the present inclined shaft to intersect the reported showings in hole No. 1 because the footage would be about the same but the work would be easier. All of the proposed work would be done within the limits of the Last One group of claims.

The applicant has proposed a good program for developing the property based on the rumors of high grade ore in churn drill holes No. 1 and 2. As the body of opalite now exposed is rather small, however, it would be better first to determine the limits and grade of the cinnabar-bearing opalite before planning such an ambitious underground program.

Churn drilling would be the least expensive way of exploring the opalite at depth but little useful data on mineralized structures would be gained. Diamond drilling is impractical as the fractured opalite is extremely difficult to core. Surface trenching has been done on the property but has not uncovered any mineralized structures. More trenching in the unconsolidated fan material, however, should be of some value in determining the areal extent of the opalite. The applicant implied that he would not test the deposit further unless it could be done with Government assistance.

In view of the paucity of favorable geologic indications and the low grade of the exposed cinnabar-bearing opalite, it is recommended that the application for a DMEA loan on the Last One group of claims be denied.

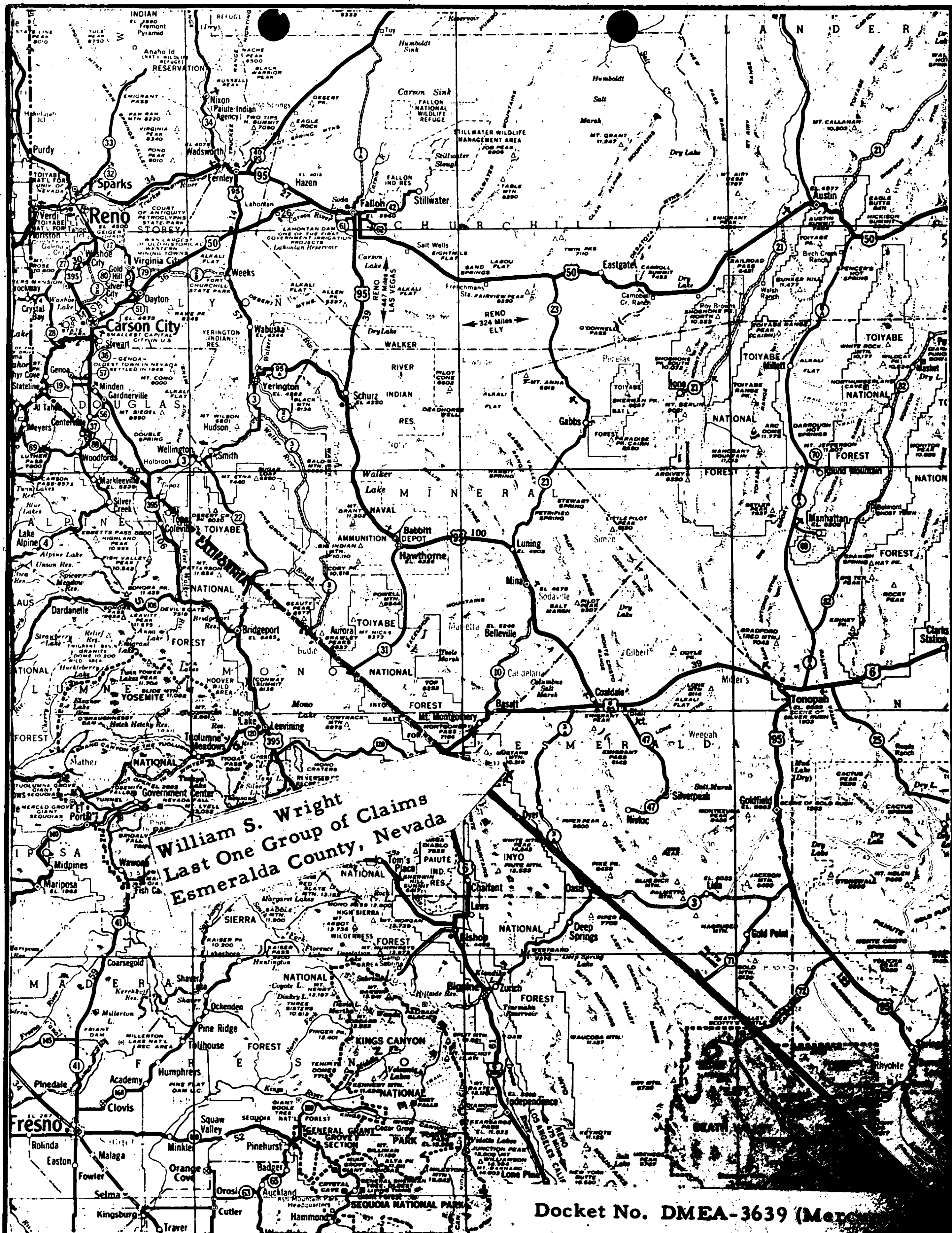
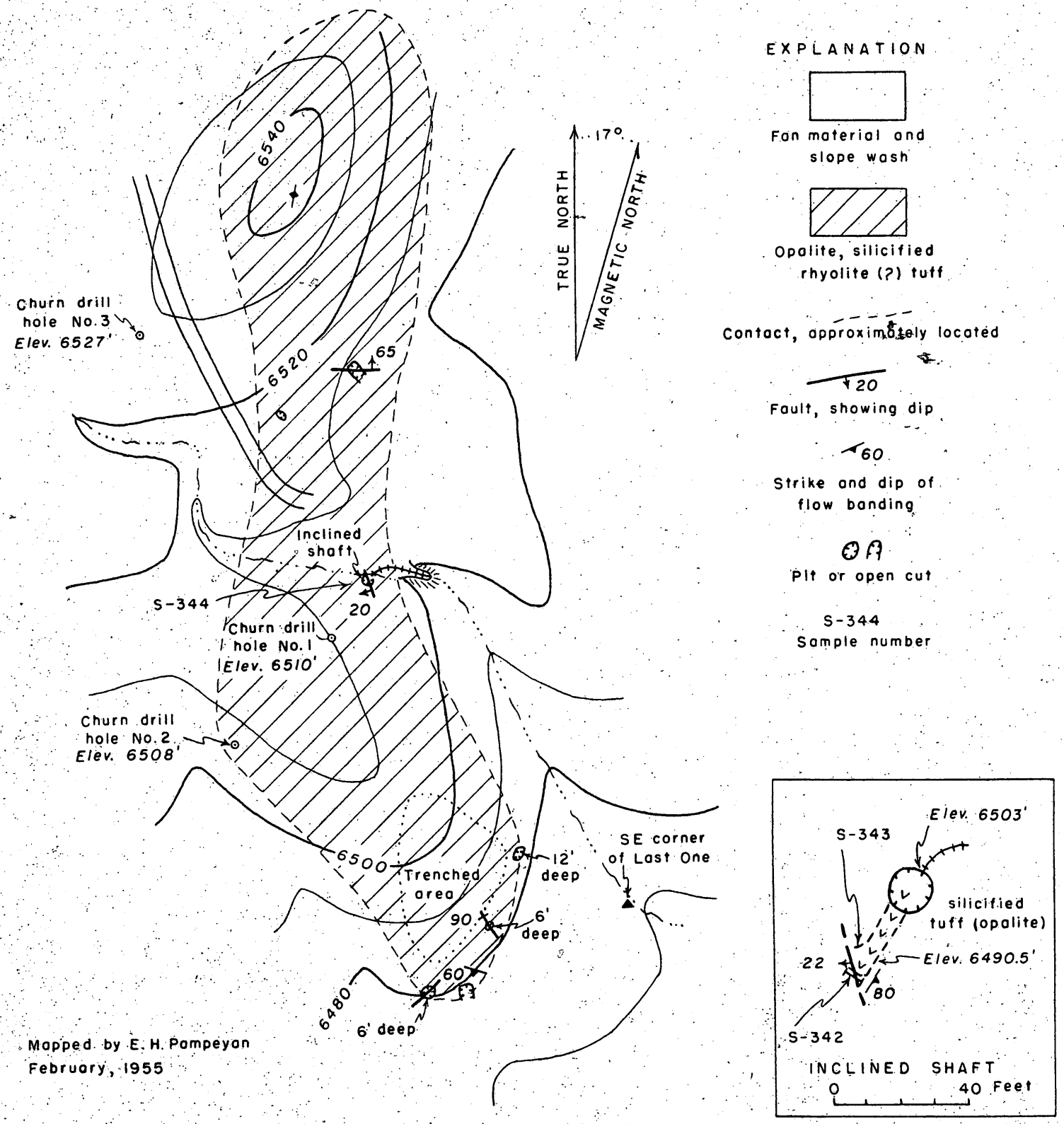


FIG. I

LOCATION MAP

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3639
(MERCURY)



Mapped by E. H. Pampeyan
February, 1955

LAST ONE PROPERTY, ESMERALDA COUNTY, NEVADA

100 0 100 200 Feet

Contour interval 20 feet
Datum assumed

Figure 2

700

Surname copy

Ellis
Kuilsgaard
Hedges
Jeffrize
Johnson

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

JAN 26 1955

Mr. William S. Wright, Jr.
Dyer, Nevada

Re: Docket No. DMEA-3639 (Mercury)
Last One Group of claims
Esmeralda County, Nevada

Dear Mr. Wright:

The application for assistance in exploring your property in Esmeralda County, Nevada, under the above-captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred to the Executive Officer of Region II at the following address:

Mr. Spangler Ricker
Executive Officer
DMEA Field Team, Region II
420 Custom House
555 Battery St.,
San Francisco 11, California

The Regional Office will contact you in regard to your project if additional information is required.

Sincerely yours,

C. D. Mitrovadoff (for)

Administrator

EWEllis/gla
1-26-55
cc to: Admr.'s Reading File
Docket
Code 700
DMEA Field Team, Region II (2)

R.C.B.

700

Surname copy

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

Ellis
Selfridge
GJohnson

JAN 26 1955

Mr. Spangler Ricker
Executive Officer
DMEA Field Team, Region II
420 Custom House
555 Battery Street
San Francisco 11, California

Re: Docket No. DMEA-3639 (Mercury)
William S. Wright, Jr.
Last One Group of claims
Esmeralda County, Nevada

Dear Mr. Ricker:

The subject application is referred to Region II for investigation, a field examination if deemed advisable, and recommendation. A copy of the application was forwarded to your office on January 18, 1955.

Enclosed are copies of memoranda from Mr. E. L. Newcomb of the Geological Survey, dated January 21, and Mr. J. H. Hedges of the Bureau of Mines, dated January 24, 1955, which contain their comments and recommendations on the subject application.

You will note the lack of factual data and the excessive estimated costs shown in the application. However, it was decided that these discrepancies could best be reconciled by the Field Team rather than write to the Applicant.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (24b)

Enclosures 4

APPROVED:

J. H. Hedges
Member, Bureau of Mines (24b)

Thor H. Kiilsgaard
Member, Geological Survey (24b)

EWEllis/gla
1-26-55
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. J. H. Hedges, Rm. 4604
T. H. Kiilsgaard, Rm. 5224
Code 700

R.C.S.

1/24/55 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 24 1955

January 24, 1955

Memorandum

To: E. W. Ellis, Chief, Rare & Miscellaneous Metals Division, DMEA

From: J. H. Hedges

Subject: DMEA-3639, (Mercury) William S. Wright, Jr., Applicant

Comment:

According to the application, the property is located in a productive district, and surface pits, a shallow shaft, and drill holes have disclosed cinnabar mineralization in two or more veins. Reported widths and mercury content indicate the possible existence of a commercial deposit. If a field investigation corroborates these claims a modest exploration program would be justified.

Recommendation:

Refer to field for examination.

J. H. Hedges

J. H. Hedges

1/25/55 gla

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 25 1955

January 21, 1955

Re: DMEA-3639
W. S. Wright, Jr.
(Last One Claims)
Esmeralda Co., Nev.
$31,311 - Mercury

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

The applicant has proposed a project to further explore mercury mineralization found in two churn drill holes and in a 42 foot inclined shaft. The work will consist of a 100 foot shaft and a 200 foot drift which will be developed in the area near Hole No. 1.

The sinking of the inclined 42 foot shaft was planned to explore for mineralization cut by Hole No. 1 at a vertical depth of 40-45 feet. However, at an inclined depth of 15 feet the operator reported that a narrow, parrallel vein was found. As a result of panning, he has estimated the grade of the mineralization is .25-.75 percent mercury.

There has been no production from the prospect and there are no assay certificates by which to verify the applicant's grade estimates. The reported showings in the drill holes may be of dubious value; however, mineralization in the incline may be part of the ore zone found in Holes No. 1 and 2.

I recommend this application be referred to the Field Team for their review. It is possible that information available in their files will be sufficient to appraise the feasibility of the proposed work without an on-site examination.

E. L. Newcomb

E. L. Newcomb

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

Defense Minerals Administration
RECEIVED
JAN 25 1955

January 21, 1955

Re: DMEA-3639
W. S. Wright, Jr.
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Esmeralda Co., Nev.
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There has been no production from the prospect and there are no assay certificates by which to verify the applicant's grade estimates. The reported showings in the drill holes may be of dubious value; however, mineralization in the inclines may be part of the ore zone found in Holes No. 1 and 2.

I recommend this application be referred to the Field Team for their review. It is possible that information available in their files will be sufficient to appraise the feasibility of the proposed work without an on-site examination.

ELNewcomb:hlm
G-1/21/55

E. L. Newcomb

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
H. M. Meyer, 2623 Interior

Mr. William S. Wright Jr.
Dyer, Nevada

January 18, 1955
Subject: DMEA-3639
Re: Exploration Assistance
Last One

Dear Mr. Wright:

The receipt of your application dated January 10, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3639 and referred to the Rare and Miscellaneous Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA 3639
Metal or Mineral Mercury
Date Received 1-17-55
Estimated Cost $31,311
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: William S. Wright Jr. Dyer, Nevada

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract 4 claims filed by Ivan McNett in Township 1 South. Range 34 E. M.D.B.M. Esmeralda county Nevada Leased by W. S. Wright Jr.

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Book 1 C Page 320

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

16—66551-1

W S Wright Jr Dyer Nev

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Quicksilver

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 10 days and be completed within 12 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

[X] Money [X] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated Jan. 10, 1955

W. S. Wright Jr.
(Applicant)

By

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.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

REPORT ON " THE LAST ONE MINING CLAIMS",
LEASED BY W.S.WRIGHT JR., APPLICANT

LOCATION:

This group of four mining claims known as the Last One, Last One No. 1, Last One No. 2, and Last One No. 3 belonging to Mr. Ivan McNett are situated in the Fish Lake Valley quicksilver mining district in North Western Esmeralda County, Nev. Township 1 South, Range 34 East M.D.B.M. The claims are six miles West of the highway maintainence station on highway 3 A on a good gravel road maintained by the county.

Water is available from Middle canyon creek about 400 yds. West of the property. There is no available mine timber and all power will have to be generated on the property. All four claims are 20 acres each and adjoin each other on the strike of the vein. The assessment work being done and proof of labor filed in the county court house at Goldfield, Nevada, the county seat.

GEOLOGY:

These claims are located about one and one-half miles in a Southerly direction from the "Red Rock" quicksilver mine along the same general strike. Unlike the "Red Rock" which is chiefly in limestone these claims are in a volcanic formation with interbedded tuffs and ash, cinnabar being the chief mineral.

DEVELOPMENT WORK DONE ON THE PROPERTY:

There are three churn drill holes, one down 30 ft., and two down 80 ft. Mr. McNett the owner of the claims said that in the 30 ft. hole he encountered only small ore veins. The two 80 ft. holes which were drilled 91 ft. apart encountered a vein of cinnabar about 8 ft. thick, in the No. 1 holet this vein was cut at 40 to 45 ft. from the surface, and another vein about 4 ft. thick at 80 ft. from the surface, and in the No. 2 hole about 80 ft. from the surface. It was reported by Mr. McNett that they struck a vein of cinnabar penetrated it 4 ft., but never went through it at which time his funds were exhausted. The values

Report on Wright Claims

in the No. 1 hole through the 8 ft. vein was in cinnabar and assaying up to 7% Hg. An incline shaft was started to intersect the No. 1 drill hole at a point where the values were encountered. When the shaft was down 15 ft. a parallel vein was hit which averages from 7 inches to 14 inches thick and pans from 5 to 15 pounds of Hg. per ton.

Mr. William Wright Jr. the leasee followed this vein to the 42 ft. level on the incline, at this point he had it surveyed and found that he was not on the same vein as encountered in the drill holes. Being short of capital he had to discontinue.

There are several small cuts on the property some showing cinnabar in panning these showings I would guess them as running anywhere from 1 to 5 pounds per ton of Hg.

EQUIPMENT ON THE PROPERTY:

There is a gasoline driven air compressor, gasoline hoist, drilling equipment, rails, pipe, mine car water tank one truck and all the necessary small tools, all this equipment is in good condition and work could be continued at any time.

RECOMMENDATIONS:

I would recommend that timber and supplies be brought in, build a hoist house and shop, a small head frame and a shaft be sunk over the No. 1 drill hole. This shaft should be sunk to a depth of 100 ft. it should be at least 2 compartments, one compartment for skip or bucket the other for manway pipe line etc. A cross cut should be driven at the most satisfactory point either the 80 ft. level or the 40 ft. to intersect the vain, and then drift both ways on the vein, drifting and cross cutting to be at least 200 ft. and no less than 4½ ft. by 6½ ft. in size.

CONCLUSIONS:

As this property is located on the same general strike as the "B and B" quicksilver mine and the "Red Rock" mine. These two mines having a production record of over four thousand flasks.

W. B. Wright Jr. Owner

At the present price of mercury this would amount to over one and one quarter million dollars. With the showing in the incline shaft plus Mr. McNetts finding in the two drill holes, it is my opinion that one would have better than a fifty fifty chance of opening up a fair sized body of mercury ore.

There is a well equipped rotary furnace on the "Red Rock" property in working condition which could be rented on a tonnage basis to furnace any ores extracted during this development program for test purppses.

Respectfully

F. A. Bachich

EXPLORATION COST ON 200 ft. of Drift AT MOST SATISFACTORY POINT IN SHAFT.

The costs of the exploration are based on current wage rates supply and equipment costs (lumbering competition for labor and equipment make these costs high for good men and equipment) The high cost of timber is due to the fact that it will have to be hauled from Northern Calif. asis done in other mines in this district.

	Costs per ft.
For lumber and timbers.	$ 3.75
Powder fuse and caps.	1.50
Carbide bits and steel.	.60
Wages.	37.50
Compensation Ins.	4.50
Social Security and unemployment Ins.	1.39
Gas, oil and repairs on compressor hoist and trucks.	7.50
Vent tube for ventilation	1.00
Water and air lines with fittings.	.63
Rent on compressor	3.20
Monthly visit by consultant or engineer.	3.00
Rental on equip. as listed below.	21.36
Total per ft. of drift.	$85.93

On form MF-103 under 5 c. I have allowed 12 months to complete exploration, however it will not take that long, but I have allowed for breakdown and weather conditions.

Equipment rental figured on a 6 months basis.

Operator will furnish all equipment:

Chev. truck with winch.	900.00
Drill steel on hand.	50.00
Mine rails and supplies.	250.00
Mine car.	150.00
Water tank.	80.00
Pressure pump.	125.00
Cable.	100.00
Jackhammer.	125.00
International truck for hauling water.	300.00
Arc welder.	750.00
Acetylene welding equip.	125.00
Misc. small tools for repairs on equip.	250.00
	$ 3205.00

Total for complete project:
100 ft. of shaft and 200 ft. of drift. $ 31311.00

W S Wright Jr
Pyle Nev

EXPLORATION COSTS ON [illegible]FT

The costs of the exploration are based on current wage rates supply and equipment costs(Lumbering competition for labor and equipment make these costs high for good men and equipment) The high cost of timber is due to the fact that it will have to be hauled from Northern Calif. as is done in other mines in this district.

	Costs per ft.
Mine timbers	$ 8.35
Hanging rods.	1.92
Powder, fuse and caps.	2.50
Carbide insert bits.	1.20
Wages for crew and Supt.	55.50
Insurance compensation and PLPD	6.60
Social Security and unemployment Ins.	2.05
Gas, oil and repairs on compressor	2.75
Gas, oil and repairs on hoist.	1.50
Gas, oil and repairs and tires for truck transportation and haulage	9.40
Gas, oil and repairs on water truck	1.50
Rent on compressor	4.30
Coppus blower and 100 ft. of vent tube	2.25
Water and air lines with fittings	1.25
Ladders	.50
Lumber, tie rods and head frame	15.25
Lumber and sheet iron for hoist room and labor	5.00
Monthly visit by qualified consultant for check up.	3.00
Water hauling	.25
Shop	5.00
Rental on equipment as listed below	10.48
Total per ft.	141.25

On form MF-103 under 5 c. I have allowed 12 months to complete exploration, however it will not take that long, but I have allowed for breakdown and weather conditions.

Equipment rental figured on 6 months basis.

Operator will furnish all equipment:

Chev. truck with winch	$ 900.00
Drill steel on hand	50.00
Mine rails and supplies	250.00
Mine car	150.00
Water tank	80.00
Pressure pump	125.00
Cable	100.00
Jackhammer	125.00
International truck for hauling water	300.00
Arc welder and hood	750.00
Acetylene welding equip.	125.00
Misc. small tools for repairs on equip.	250.00
Total	3205.00

W S Wright Jr
Dyer Nev.

This lease made the 14 day of Jan. 1954, between Ivan McNett, lessor, and W.S.Wright Jr., leassee, WITNESSETH:

That the said lessor, for and in consideration of the rents royalties, covenants, and agreements hereinafter reserved, and by the said lessee to be paid, has let, and by these presents does let unto the said lessee, all the following described mine and mining property, situated in unknown mining district, county of Esmeralda state of Nevada, to wit: Last One, Last One No. 1, Last One No. 2, Last One No. 3 mining claims together with the appurtenances.

The lessee to have and to hold the property as long as he operates said mining property with due regard for the preservation of the property as a workable mine.

The lessee shall at all times during the lifetime of this agreement keep the said property free from any and all debts and liabilities whatsoever.

The lessee does hereby agree to pay the lessor 10% royalty of the amount of any and all ores mined and shipped by lessee from the above described mining property.

The lessee has the further option to purchase said property for the sum of twenty-five thousand dollars, and the 10% paid by lessee to lessor shall apply on the purchase price of said properties.

The lessee agrees that at anytime in which he ceases to operate said mine for a period of ninety days, said mine shall revert to the lessor unless purchase price has been paid in full.

Witness our hands this 14 day of Jan. 1954

Wit: _____ Ivan McNett
Lessor

Wit: _____ W.S. Wright Jr
Lessee.

W.S. Wright Dyer Nev

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Nevada, County of Esmeralda, described as follows:1/

Unpatented mining claims known as: Last One, Last One No. 1 Last One No. 2, and Last One No. 3, situated in T. 16, Range 34E M.D.B.M.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ W. S. Wright, Jr.,

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book 1c page 320 official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

OWNER: W. S. Wright Jr. Pres. Nev.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions None

Dated this _____ day of November, 1954.

Ivan McNeff [Seal]

_____ [Seal]

_____ [Seal]

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Nevada, County of Esmeralda, described as follows:1/

Supplemental mining claims known as: Lost Cue, Lost Cue No. 1 Lost Cue No. 2, and Lost Cue No. 3, situated in T. [illegible], Range 38[illegible] M.D.B.M.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ [illegible], Inc.

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book 1C page 320 official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

(OVER)

W. L. Wright Jr. Dear Nev

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions _____

_____

_____

_____

Dated this _____ day of _____, 195__.

Ivan McNett [Seal]

_____ [Seal]

_____ [Seal]

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
JAN 17 1955

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Nevada, County of Esmeralda, described as follows:1/

Unpatented mining claims known as: Last One, Last One No. 1 Last One No. 2, and Last One No. 3, situated in T. 1S., Range 34E M.D.B.M.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ W. S. Wright, Jr.,

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book 1c page 320 official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

W S Wright Dyer Nevada

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions None

Dated this _____ day of _____, 195_.

Ivan McNutt [Seal]

_____ [Seal]

_____ [Seal]

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Nevada, County of Esmeralda, described as follows:1/

Unpatented mining claims known as: Last One, Last One No. 1 Last One No. 2, and Last One No. 3, situated in T. 1S, Range 34E MDBM

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ W. S. Wright, Jr.,

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book 1C page 320 official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

W S Wright Jr Dyer Nevada

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

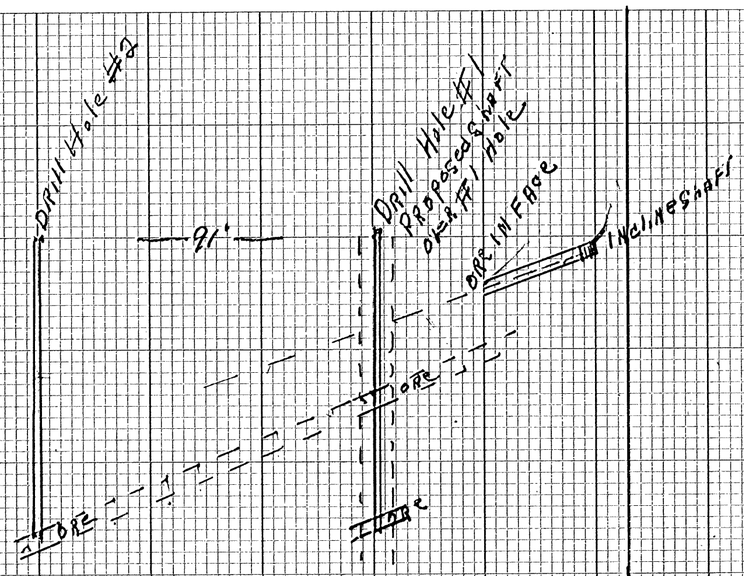
4. Changes and added provisions None

Dated this _____ day of November, 1954.

Ivan McNitt [Seal]

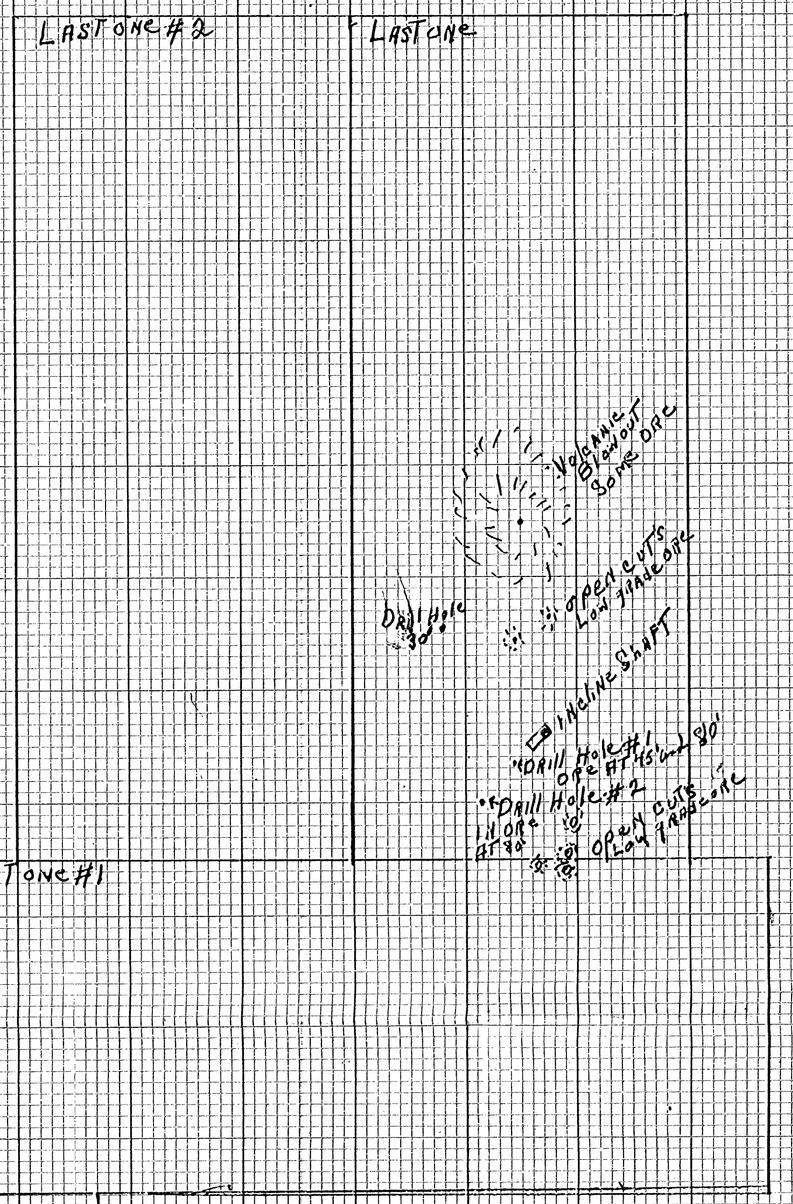
_____ [Seal]

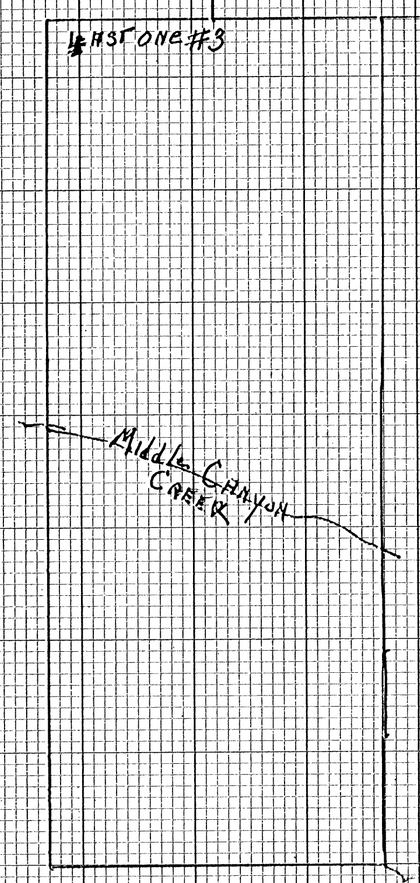
_____ [Seal]



CROSS SECTION OF DRILL HOLES #1 & 2
INCLINE SHAFT

Scale 1" To 30'





N

CLAIM MAPS OF IVAN MCNETT'S (OWNER) QUICKSILVER CLAIMS. W.S. WRIGHT JR LESEE AND APPLICANT FOR DMEA LOAN

Scale 1' To 200

W S Wright Jr applicant

TION 10 X 10.
☆ MARK

CROSS SECTION 10 X 10.
TRADE ☆ MARK