DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2307

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This document has been recorded as
EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip
(ONE COPY TO U.S.G.S. & ONE TO U.S.B.M.)

To:	CODE 700 Rm. 4070-A	Date 12-28-51
To:	H Keller	Date 2/12/52
To: (1)	Mr. Johnson Rm. 3621	Date 2/13/52
To: (2)	Mr. McKnight Rm. 4204 BS.	Date
To: (3)	Operating Com. Rm 4624	Date 2/20/52
To: (4)	Mr. Ellis Rm 4640	Date
To:	Op Com	Date 7-25-52.
To:		Date
To:		Date
To:		Date
To:		Date
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To:		Date

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700 FILE COPY
SURNAME:

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

F L Knouse
Ellis
Hedges
Meyer
Selfridge

Mr. John C. Wholey
Box 174
Winnemucca, Nevada

BV

Re: Docket No. DMEA-2307 (ercury)
Humboldt County, Nevada

Dear Mr. Wholey:

Reference is made to your application for Government aid on the captioned project in the amount of $2500.00 and a revised application in the amount of $1350.00.

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

A careful study of your application and data available to this Agency, and an examination of the property concerned reveal that the probability of disclosing mineable reserves by your proposed exploration program is not considered sufficiently promising to justify government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

If additional work on your property reveals information which makes the project feasible, an application may be submitted for consideration.

Sincerely yours,

cc 7/25/52

(signed) FRANK G. JOHNSON
(JHB)

Acting Administrator

FLKnouse/gla
7-24-52

cc to: Adm. Reading File
Operating Committee
Docket
Messrs. H.M.Meyer-2623
E.T.McKnight, Rm. 4204 GSA
Ellis
Knouse
Field Team, Region III (2)

7/24/52 gla

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

July 24, 1952

Memorandum:

To: E. W. Ellis, DMEA

From: Helena M. Meyer, Base Metals Branch

Subject: Field Team report on DMEA-2307 (Mercury) Wholey Mine
Humboldt County, Nevada, exploration loan $1350 (revised)

I have read the subject report and recommend denial of the proposed loan. The examining geologists report that the property might be expected to produce 10 to 20 flasks of mercury as a result of the exploration. The current mercury supply-requirement situation does not warrant loans for exploration where the finding of such small quantities of metal is anticipated and where the major part of the Government's share of the loan will almost certainly be lost.

Helena M. Meyer

HELENA M. MEYER

Copy to: Minerals Division
Base Metals Branch
E. T. McKnight-GS
DMEA for Field Team
H. M. Meyer
F I L E S

UNITED STATES
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BUREAU OF MINES
WASHINGTON 25, D. C.

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HELENA M. MEYER

Copy to: Minerals Division
Base Metals Branch
E. T. McKnight-GS
DMEA for Field Team
H. M. Meyer
F I L E S

7/15/52 rgla

IN REPLY REFER TO:

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

July 14, 1952

Memorandum

Re: DMEA-2307
Longhorn Claim (Wholey mine)
Humboldt County, Nevada
$1350
Quicksilver

To: Mr. E. Wm. Ellis

From: E. T. McKnight

Subject: Denial of docket

Existing mine workings on north side of canyon total 430 feet, and explore weakly mineralized bedding plane faults in sandy limestone. Disseminated crystals and seams of cinnabar occur along the faults or locally replace the limestone. The grade has not been good enough to encourage any production from these workings (although less extensive workings to the south have produced a little low grade ore where one of the bedding faults is intersected by a cross fault). The strata strike irregularly northeast and dip 30 to 60 degrees northwest.

Applicant proposes to (1) crosscut and drift a total of 25 feet in order to bring an existing drift that has wandered off of one of the faults back onto the fault, to test it about 40 feet northeast of the previous intersection; (2) crosscut 50 feet to the east in the hope of intersecting another parallel and better mineralized fault. Although applicant implies that there is indication on the surface of additional faulting to the east, the field team states that because of surface cover the presence of such faults and intensity of mineralization on them can only be inferred.

1. Considering the weak mineralization on exposures already existing on the three mineralized faults, amounting to perhaps 150 feet of drifting, I do not believe that 20-30 feet additional drifting on one of them has much chance of finding any significant tonnage of ore.

2. In the absence of any clear cut evidence as to the existence of another mineralized fault in the footwall block, the crosscutting of only 50 feet, under item 2 is too much of a wildcat proposal to hold much promise for new discovery.

As pointed out by the field team, replacement deposits in limestone have an outside chance of increasing suddenly in grade when followed along strike, but in the absence of any positive evidence, this chance is too remote to warrant an expenditure of Government

funds on the possibility.

I therefore recommend that this application be denied.

Edwin T. McKnight

Edwin T. McKnight
Geologist

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

July 14, 1952

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Humboldt County, Nevada
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Geologist

7/8/52 gla

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco, Calif.

June 24, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2307 (Mercury) Wholey Mine, Humboldt County, Winnemucca, Nevada

Reference is to your subject letter, dated February 21, requesting a field examination of the Wholey Mine.

The mine was examined on May 5 by H. L. Sobel and E. H. Bailey, Geologists of the Geological Survey, and four copies of their report - DMEA 2307, Wholey Mine, Humboldt County, Nevada (Mercury), dated June 19, 1952, are attached.

The exploration proposed by the applicant can be expected to result in the production of 10 to 20 flasks of mercury. Because of the unpredictable nature of the type of deposit, however, there is a slight possibility that high-grade ore containing possibly several hundred flasks of mercury might be discovered.

Recommendation of the application should be determined by the current need for mercury. If the need is critical, then the expectable production of 10 to 20 flasks of mercury and the slight possibility of a more significant discovery might justify Government participation in the exploration.

The docket is being returned herewith.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1952

Attachments

Copy to E. H. Bailey, USGS

6/30/52 glu

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2307, Wholey Mine

Humboldt County, Nevada

(Mercury)

H. L. Sobel, Geologist
E. H. Bailey, Geologist
U. S. Geological Survey

June 19, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1952

Summary

A DMEA application was filed in December 1951 by J. C. Wholey requesting Government aid to explore his mercury property in Humboldt County, Nevada. The field examination was made on May 5, 1952 by E. H. Bailey and H. L. Sobel of the Geological Survey.

The original application contained 5 indefinite exploration proposals with a project cost of $2500. On the advise of the examining geologists, Mr. Wholey filed a new application containing only two specific proposals totalling 75 feet of drifting and crosscutting at an estimated cost of $18 per foot. The entire project will cost $1350.

The property might be expected to produce 10 to 20 flasks of mercury as a result of the exploration. The application can be approved only if the current need for mercury justifies Government participation in exploration of a property with so small a potential production.

Introduction

The Wholey mine consisting of one claim is in Sec. 11 (?), T. 40 N., R. 40 E., on the northwest slope of the Hot Springs Range, Humboldt County, Nevada. The mine is about 30 miles north-northeast of Winnemucca, and in dry weather can be reached by driving about 11 miles north of Winnemucca on U. S. Highway 95 and then turning northeasterly on a dirt road for about 25 miles. At the time of examination, the Little Humboldt River was in flood and the mine was reached via a dirt road which trends southeast from Paradise Valley.

The property was discovered in 1939 by Mr. Wholey, who in 1941 recovered 14 flasks of mercury from ore mined in workings on the southern end of his claim. No production has been made from the northern workings where the applicant proposed to conduct his exploration work.

Workings

The southern workings, according to Mr. Wholey consist of a 160-foot adit to the south with about 90 feet of small crosscuts extending from it, and a small stope to the surface from which the ore was mined.

The northern workings total about 430 feet and include an adit driven easterly for 260 feet; a 50-foot drift to the northeast, about 190 feet from the portal; and a 100-foot drift to the north, 260 feet from the portal.

Geology

The country rock is thin-bedded sandy limestone which strikes irregularly to the northeast and dips from 30° to 60° to the northwest. The northern workings explore three poorly developed bedding plane faults which in the workings reach a maximum width of 2 feet. Cinnabar, the only

ore mineral observed, locally occurs in the faults as disseminated crystals and seams in the bedding planes and locally replaces the limestone. A little quartz accompanies the cinnabar.

The ore from the south workings reportedly was localized at the intersection of a bedding plane fault and a cross-fault; it averaged less than 3 pounds of quicksilver per ton but was amenable to sorting to retort grade.

Exploration

In his original DMEA application, Mr. Wholey vaguely proposed raising or sinking on three slightly mineralized nodes in the eastern drift. He further proposed to continue the eastern drift north along the shear and also to crosscut east into the hill in hopes of locating another fault. The project was to cost $2500.

It was suggested to the applicant that rather than attempt do ambitious a program he concentrate his exploration on one or two of the proposals.

Mr. Wholey submitted a new application in the form of a letter, requesting 75% government participation in a $1350 program. He now proposes to explore the extension of the westernmost bedding plane fault exposed in the adit by crosscutting and drifting 25 feet from the face of the west drift. He also plans to crosscut 50 feet to the east from the face of the east drift to search for parallel shears. (See map with application). Drifting and crosscutting will total 75 feet at an estimated $18 per foot cost, for a total project cost of $1350.

Conclusion

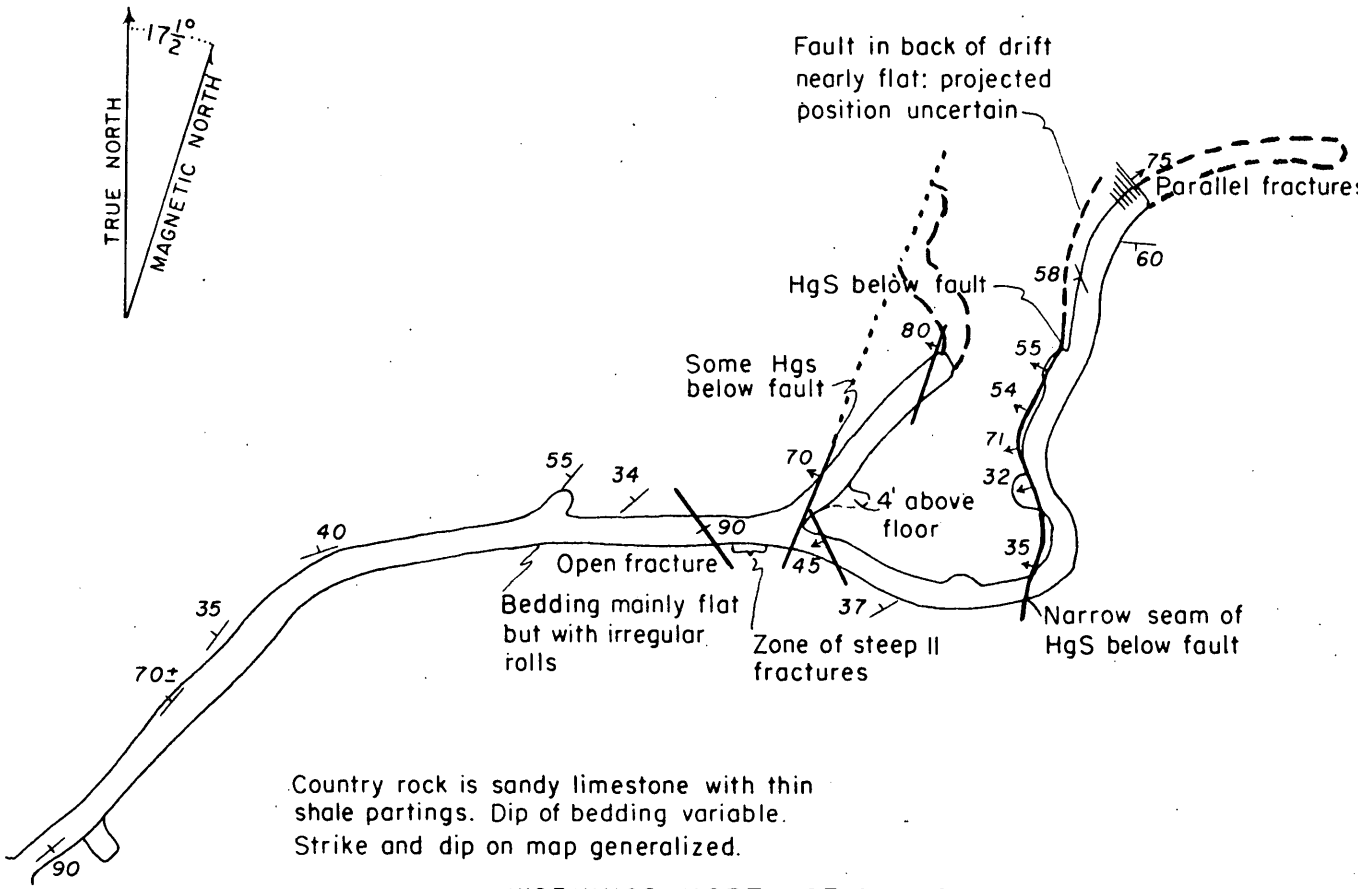
The westernmost shear where exposed in the adit is very weak and sparsely mineralized; the proposed exploration of its extention might result in production of not more than a few flasks of mercury.

It is probable that east of the workings there are other bedding plane faults which would be intersected by the proposed crosscut, but because of surface cover the strength of any such faults on the intensity of mineralization cannot be inferred.

The occurrence of cinnabar in limestone is usually unpredicatable, and at some places, as at the nearby Cahill mine, replacement bodies containing as much as 500 flasks of quicksilver have been found along structures similar to these exposed at the Wholey mine. Consequently, while production of only 10 to 20 flasks of mercury can be expected to result from the exploration, there is a slight possibility of a more significant discovery.

The Government's share of the $1350 program will be $1013. Under the 5% repayment schedule, production of 100 flasks of mercury with a gross value of about $20,000 would be necessary for the Government to recover its share of the exploration costs. Since there is but little chance that so

large a production will result, the Government must be prepared to sacrifice most of its share of the exploration costs should the current need for mercury justify approval of the application.



WORKINGS NORTH OF CANYON

WHOLEY QUICKSILVER MINE, HUMBOLDT COUNTY, NEVADA

40 0 40 FEET

--- Proposed exploration

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2307, Wholey Mine

Humboldt County, Nevada

(Mercury)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1952

H. L. Sobel, Geologist
E. H. Bailey, Geologist
U. S. Geological Survey

June 19, 1952

Reviewed by
DMEA OPERATING COMMITTEE

7-7-52
(date)

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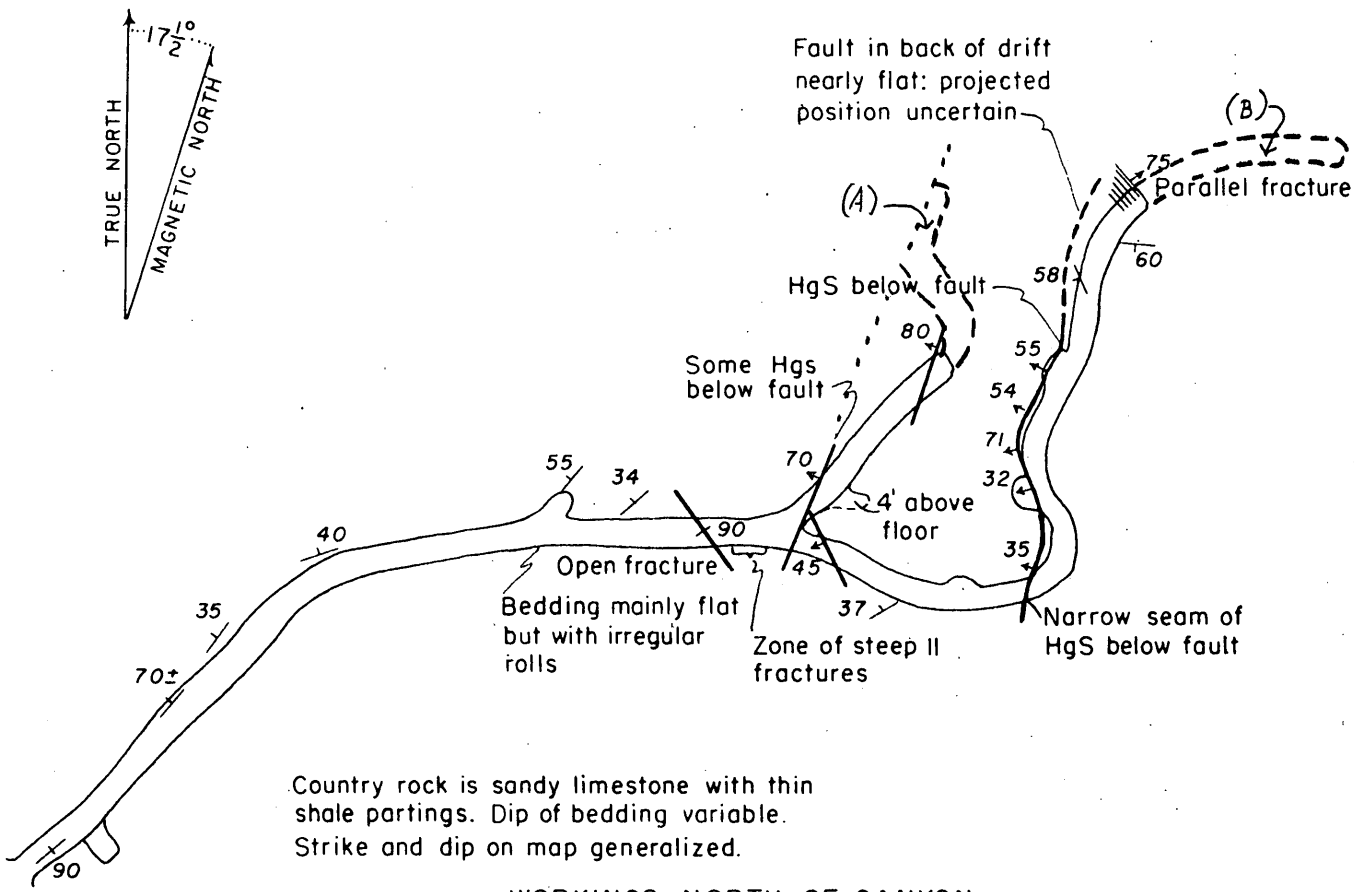


WHOLEY QUICKSILVER MINE, HUMBOLDT COUNTY, NEVADA

--- Proposed exploration

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
DEC 28 1951

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

Not To Be Filled in by Applicant

Docket No. 2307 DMEA
Metal or Mineral
Date Received 12-28-51
Amount $
Participation (Government %)

Name and address of applicant

John C. Wholey
Box 174
Winnemucca, Nevada

Date December 26, 1951

If you have already filed MF-100, give date filed N/O, type of assistance requested ,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

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.

Partnership
(Name of company)

By J. C. Holy
(Signature of authorized official)

Dec 26 1951
(Date)

Owner Mgr
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

1.(a)The property is located in the Poverty Peak (Hot Springs Peak) mining area approximately fifty (50) miles north of Winnemucca, Nevada. The improvements consist of living quarters,equipment and equipment buildings and an exploratory tunnel approximately 285 feet long known as the Longhorn No. 2 Tunnel. The exploratory tunnel consists of approximately 175 lineal feet of crosscuts and 110 lineal feet of drifts a along two well defined walls or strates which show high grade cinnabar crystals at various points. The first wall (strata) is approximated 150 feet in from the portal and I have drifted on it for 50-feet. This drift exposes good cinnabar crystals and looks promising for future development work. The second wall (strata) is approximately 175 feet in from the portal and I have drifted on it for 40 feet. This drift exposed good cinnabar crystals along its entire length and it has three very good high grade shoots or showings exposed along its length that could be developed into large ore bodies by raising or sinking on them.

(b)I own the property together with my two daughters and one son and operate it on the mutual consent of all concerned. The actual division of ownership is as follows:

J. C. Wholey (Applicant)----------1/3 Interest
Mrs. C. C. Bridgman (Daughter-------1/3 Interest
Mrs.N. O. Plath (Daughter)---------1/6 Interest
L. C. Wholey (Son)----------1/6 Interest

(c)The property is known and identified as the Longhorn claim in the Poverty Peak (Hot Springs Peak) mining district, Humboldt County, Nevada.

Note: (1) All exploration work under this application will be performed on the Longhorn Claim described above.

(2) There are no liens or encumbrances against the property whatsoever.

2.(a)I expect to find mercury in quantities sufficient to warrant commercial production of same.

(b)The Poverty Peak mining area is made up of a series of limestone strates that have been considerably folded and faulted and subjected to thermal and hot spring action during and subsequent to the period of folding and faulting. The cinnabar crystals and minerals as a result occur both as an integral or primary part of the limestone and as a separate and secondary deposit along the faults, stratifications and fractures. The strates dip generally from 10 to 35 degrees which tends to make traps for favorable deposition of secondary ore deposits and there are also numerous faults and fractures which also tend to make secondary ore deposits. I have no maps or geological or engineering reports on the property at this time.

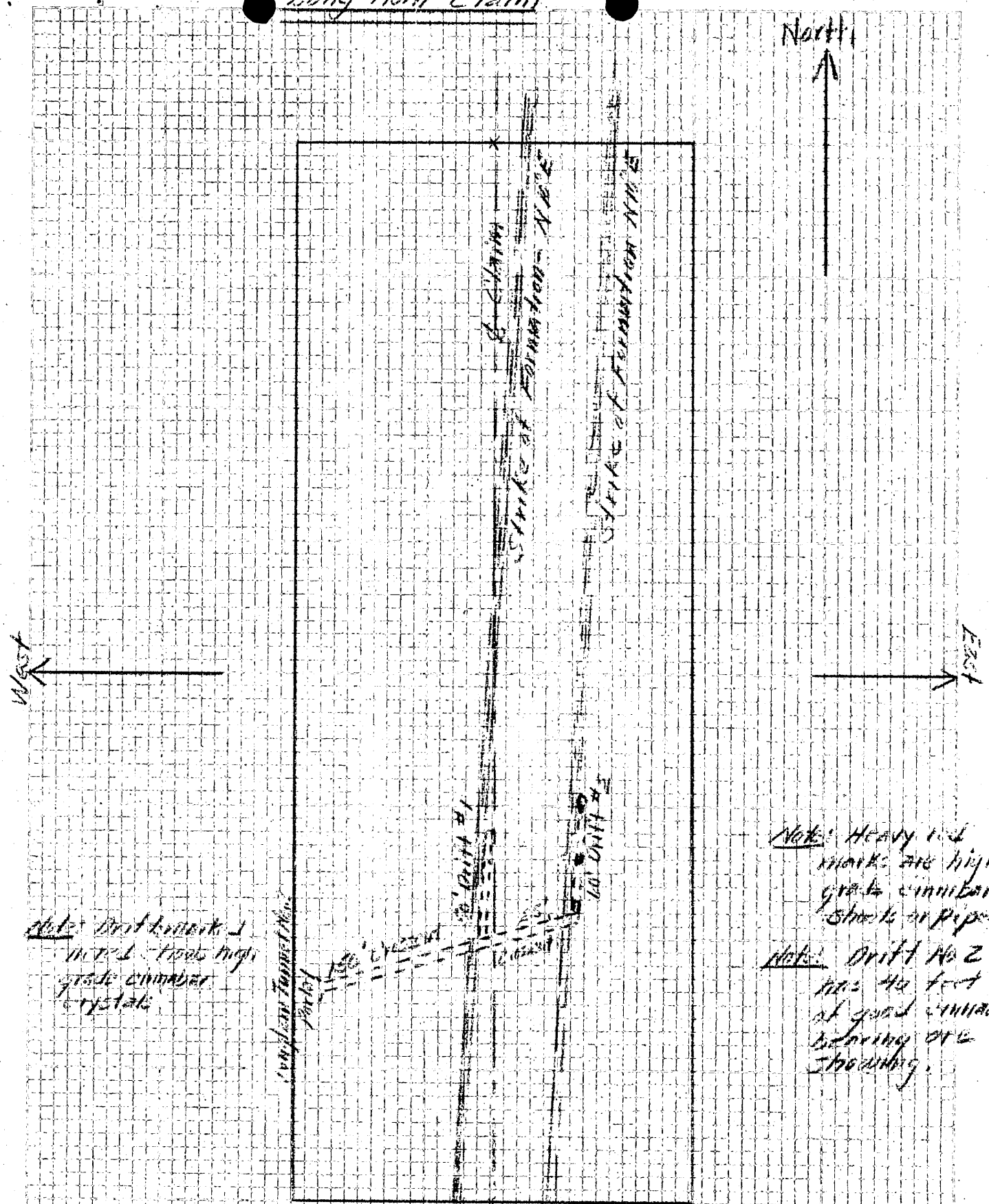
John C. Wholey
Box 174
Winnemucca, Nev.

3.(a) I would like to raise and sink on the promising ore showings along the second wall or strata described in 1(a) and also do some more drifting along that wall and try to develope additional favorable ore deposits. I would also like to do some additional crosscutting and try to locate an additional wall or strata so that I could develope more ore deposits as I believe there is another such wall a short distance from the second wall according to all surface indications. I believe I can do the above development work for $2,500.00.

(b) I would like to start the development work under this application as soon as weather and road conditions are favorable which should be during the month of February. I believe I can complete the work in ninety (90) days and during that time I am sure that I can develope sufficient ore deposits to start production.

J. C. Nholey,
Box 174
Winnemucca, Nev.

Long Horn Claim



Note:
Total Tunnel length approximately 235 feet
Drift No. 2 shows very promising ore shoots and pipes to be developed by sinking and raising.

J. C. A. Roley. Box 174 Hermosa N.M.

5. The following is a list of existing facilities, buildings, installations and fixtures on the property at this time:

One (1) Combined Cook and Bunkhouse
One (1) Bunkhouse
One (1) Combined Blacksmith and Compressor Building
One (1) Two-pipe Retort

All of the above are in a satisfactory and usable condition at this time and will not require any rehabilitation or repairs.

J. C. Tholey.
Box 174
Winnemucca, Nev.

6. I will build ore separating platforms, chutes and storage bins as some of the development work proposed under this application will be performed in areas that will yield ore of commercial value if property separated and stored as the ore showing along the second wall described in 1(a) are definitely good enough to separate for later processing.

J. C. Kholey.
Box 174
Winnemucca. Nev.

7.(a)Operating Equipment to be Rented----None

(b)Operating Equipment to be Purchased----None

(c)Operating Equipment to be furnished by Applicant

One(1) One Ton Pickup
One(1) Ingersol Rand 100 cfm Compressor
One(1) Ingersol Rand Jackhammer
One(1) Gardner Denver Stoper
One(1) Ore Car
One(1) Lot of picks, shovels and blacksmith tools
One(1) Lot of track for ore car sufficient to serve all existing drifts and crosscuts.
One(1) Wheel Barrow
50 feet of Air hose
50 feet of Water hose

I value the above equipment $1,500.00 and I will furnish all of it at no cost to the project other than regular maintenance and repair costs.

J. C. Holey
Box 174
Hermosuccd. Nev.

8. The following is an itemized list of the labor I will require to perform the development work under this application:

One(1) Miner at $353.00 per month for three months which includes all payroll taxes and insurance, for a total of $1,059.00.

I will supervise the work myself and will also act as a miner, mucker and blacksmith and I will require $150.00 per month for food and miscellaneous living expenses for a total of $450.00.

J. C. Holey
Box 174
Winnemucca, Nev.

9. The following is an itemized list of the estimated cost of materials and suppliesrequired to perform the development work under this application:

Gas, oil, etc. for hauling from town to project	75.00
Gas, oil, etc. for operating compressor	150.00
Drill Steel	30.00
Drill Bits	186.00
Blasting Powder	180.00
Blasting caps	18.00
Blasting Fuse	33.00
Lumber and Timber for platforms, chutes & bins	60.00
Rails for new drifts and crosscuts	60.00
Miscellaneous maintenance and repair items	100.00
	892.00

J. C. Holey
Box 174
Winnemucca, Nev.

10. (a) I will furnish all of the existing improvements at no charge and all of my equipment which is presently valued at $1500.00 at no charge towards completing the development work under this application. In addition I will personally supervise all of the work at no salary and also act as a miner, mucker, helper and blacksmith on the work. All I ask for my services are my actual living expenses which are estimated to be $150.00 per month.

(b) The above is more than the amount required to qualify for assistance in the amount of $2500.00 under Mineral Order No. 5, Defense Production Act of 1950.

J. C. Tholey
Box 174
Winnemucca Nev.

11, In addition to the information furnished under item 1 through 10 I have a two pipe retort installed at the project and I can start production of mercury as soon as I produce enough ore to warrant the start of the retort.

J. C. H. Roley
Box 174
Hammonton, N.J.

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

February 12, 1952

Memorandum

Re: IMEA-2307
Longhorn claim, Humboldt County, Nevada
Exploration loan, $2,500
Quicksilver

To: Mr. E. Wm. Ellis

From: Mr. E. T. McKnight

Subject: Geologic appraisal

The quicksilver at this property occurs along bedding plane ~~in~~ faults in limestone that strikes northerly and dips west (see University of Nevada Bull. vol. 38, No. 5, 1944, Quicksilver deposits in Nevada). The dip, according to the applicant, is 10°-35°. The property has been opened by a 175 ft. crosscut which intersects two of the mineralized zones, both of which have been drifted on about 50 ft. each. The ore previously mined could be sorted to retort grade. The mine had produced 14 flasks of quicksilver to the end of 1942 but there may have been some later production.

According to the applicant, the easternmost drift on the ore bearing fault (No. 2 drift) showed 3 nodes of enrichment which he believes to be pipe-like bodies extending up and down the dip. He wants to "sink or raise" on these pipes, but he doesn't say which or how much. He also wants to drift farther on this mineralized zone, and also to crosscut farther into the hill in the hope of locating another parallel mineralized zone. No estimate is given as to the length of drifting and crosscutting that would be involved.

Applicant's proposals are logical from a development standpoint, but there may be some question as to whether all is exploration, specifically the raising and sinking on the 3 showings of ore. Quicksilver ore shoots are typically small, indefinite and sinuous, so that following the 3 pipes either up or down will amount essentially to mining the ore. The further drifting on the No. 2 drift in a search for additional orebodies would be legitimate exploration under MO-5. Crosscutting in an attempt to find a new ore zone would be exploration, but whether it would be justified on the basis of existing information is questionable. If a geologic examination on the surface proved the existence of additional shear zones east of those developed, this proposal would be justified, but not otherwise. Applicant states that his belief that another ore zone may be present is based on "surface indications".

Applicant's proposals are vague as to details and there is no presentation of what the proposed expenditures for labor and supplies will produce in terms of exploration workings. The general exploration that he hopes to accomplish sounds ambitious for an expenditure of only $2,500, and it is doubtful that he could do more than a few feet on any one of the proposals. Perhaps the exploration might be better concentrated on one or at most two of the proposals. It will be necessary to obtain additional information from him in order to fill out exhibit A in an exploration contract.

All of the proposed work may be feasible geologically, but the proposals need a field examination to determine if the favorable fracturing continues to the north on drift No. 2, or if there is adequate surface indication of parallel shearing to the east, as claimed by applicant, to warrant crosscutting in search of a new mineralized zone. Indications would need to be particularly favorable to warrant leaving the two mineralized shears that are already available for exploration in order to look for a third one. A field referral for a $2,500 project seems a waste of time, but it is possible that the amount of the project should be increased. Inasmuch as the docket will apparently have to go to the field eventually, it would perhaps save time to have the field team work out an acceptable program with the applicant, rather than try to get an acceptable proposal from him that would more than likely have to be revised or modified greatly by the field team.

Edwin T. McKnight

Edwin T. McKnight
Geologist

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

January 15, 1952

Memorandum

To: E. W. Ellis, D.M.E.A.

From: Helena M. Meyer

Subject: D.M.E.A. Docket No. 2307, John C. Wholey, Wholey mine, exploration loan $2,500 (Mercury)

Before consideration can be given to the loan a filed team examination should be made. The area in which work is to be done should be checked and prospects of finding enough mercury to warrant the small loan weighed.

Evidence of ownership must be supplied by the applicant and possibly a map.

Based on Spangler Ricker's letter of May 21, 1942, describing his examination of the property (Mt. Weather Tech. Files 75.4072) there would be no justification for a large development loan on the Wholey mine, but possibly there would be for a small loan.

The only production thus far reported for the mine was 14 flasks produced in 1941.

Ricker described his visit to the Wholey and Hapgood prospects as follows:

"The quicksilver deposits lie about 50 miles northeasterly from Winnemucca on the westerly slope of the Hot Spring Mountain Range. They are accessible from Winnemucca by way of Highway No's. 95, 8B and good desert and mountain roads.

As a result of my preliminary examination I am of the opinion that these deposits have some merit as possible producers of small amounts of quicksilver. It is doubtful, however, if any large tonnage that could be considered as a strategic reserve could be developed by the Bureau of Mines.

The Wholey and Hapgood prospects are the only properties in operation at this time. The combined production runs from one to two flasks per week. The Wholey property has a production record of 16 flasks while the Hapgood is said to have produced more than 50 flasks in the course of intermittent operations over a serveral year period. The Cahill, now idle, is reported to have produced about $100,000 dollars.

Cinnabar occurs along fractures in the quartzites, limestones and shales. The workable lenses are generally found at the intersection, or nearby, of cross fractures with the bedding planes of the sediments.

An intersection of this type has been worked to a depth of about 150 feet on a 45 degree incline on the Hapgood ground and good grade ore shows in the bottom. The ore seems to be confined to within a few feet of the intersection of a fracture with the bedding planes.

About 200 feet of work has been done on the Wholey ground along a bedding plane striking N. 42 E. Most of the ore worth retorting was mined adjacent to a cross fracture. This work was done on the most attractive showing found to date on the property and approximately 500 tons of rock were moved, and the total production was 16 flasks of quicksilver. The rum of mine rock therefore over a width of about 5 feet would carry less than 3 pounds per ton of quicksilver.

Engineers from numerous companies engaged in the production of quicksilver have examined these deposits in the past few years and their reactions have evidently not been favorable in relation to possible large scale production.

If at any time the Government would wish to aid prospectors such as Wholey and Hapgood by granting small exploration loans I believe that the money would be judiciously spent, and that some small production would continue from this type of a district."

Signed

HELENA M. MEYER

HMMEYER/mec

Copy to Minerals Division
Base Metals Branch
H. M. Meyer
Adm. Reading File
Mr. McKnight
F I L E S

700

FILE COPY
SURNAME:

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

AIR MAIL

FEB 28 1952

Mr. H. C. Miller
Executive Officer, Region III
DMEA Field Team
1012 Flood Building
870 Market Street
San Francisco, California

Re: Docket No. DMEA-2307 (Mercury)
Wholey Mine, Humboldt County,
Winnemucca, Nevada

Dear Mr. Miller:

Enclosed is letter received from Mr. J. C. Wholey, 4410 Los Lomas Rd., Albuquerque, New Mexico, dated February 19, 1952, together with copy of our reply, which are self-explanatory. Kindly await further word from Mr. Wholey before proceeding with a field examination as requested in our letter of February 21.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

F.N. 2-28-52

Enclosures 2
GLAult/EWEllis/glm 2-27-52
cc to: Adm. Reading File
Docket
Messrs. C. H. Johnson, Rm. 3621
E. T. McKnight, Rm. 4204 GS
Ellis
Keller

APPROVED:

For Bureau of Mines

For Geological Survey

700

FILE COPY
SURNAME:

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

AIR MAIL

FEB 28 1952

Mr. J. C. Wholey
4410 Los Lomas Rd.
Albuquerque, New Mexico

Re: Docket No. DMEA-2307 (Mercury)
Wholey Mine, Humboldt County,
Winnemucca, Nevada

Dear Mr. Wholey:

We wish to acknowledge receipt of your letter of February 19 advising this agency of your temporary absence from your mining property in Nevada because of illness.

Enclosed is a copy of letter directed by this office to your Nevada address on February 21, 1952, advising that your application has been referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination.

We are forwarding your letter by this mail to Mr. Miller in order that he may withhold arrangements for the field engineers' visit to your mine during your absence. When you are able to return to your property, kindly communicate directly with Mr. Miller at the above address to arrange for the field examination.

Sincerely yours,

C. O. Mittendorf (for) 2-28-52

Acting Administrator
Defense Minerals Exploration
Administration

Enclosure

GLAult/EWEllis/gla 2-27-52
cc to: Adm. Reading File
Docket
Messrs. C. H. Johnson, Rm. 3621
E. T. McKnight, Rm. 4204 GS
Ellis
Keller
Field Team, Region III (2)

Albuquerque, N. M.

Feb. 19 '52

Department of the Interior

Defense Minerals Exp. -

Washington 25, D. C.

Dear sirs. Im regard to application for loan Docket No. DMEA 2307. At the time I made application for the above why I intended on being at the property this month but due to sickness in my family Im afraid I wont be able to get to property this month. Figured best to advise you to the above and will also let you know when I will be able to be back to the property.

At this time I plan to make it by Mar. 1st if not sooner.

With many thanks for your kind attenting

I am

Yours very truly,

J. C. Wholey

4410 Los Lomas Pl.

Albuquerque, N. M.

c
o
p
y

700
FILE COPY
SURNAME:

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

Mr. H. C. Miller Regt III

FEB 21 1952

Mr. W. H. Hart, Jr.
Executive Officer, Region IV
DMA Field Team
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. D [illegible]-230 (Percur.)
John C. Wholey, Whole Mine
Winnemucca, Nevada

Dear Mr. Hart:

This is your authority to make a field examination of the captioned applicant's property in the Covert Peak mining area of Nevada. We are enclosing one copy of the application and supporting evidence.

Although the proposed exploration work is indefinite, and the information furnished by the applicant rather limited, it is the consensus of opinion that a limited field team examination is warranted.

If in the opinion of the field team the geological conditions are such as to justify an exploration project, we would suggest that the field team aid the applicant in formulating a definite and realistic exploration program which may or may not cost more than the estimated cost of the exploration work in the original application. We believe that some of the work originally proposed such as raising or sinking on the ore lenses would be classified as either mining or development rather than exploration because of limited extent.

If this subject application is revised with the cooperation of the field team, the applicant should also submit a map showing not only the claim on which the exploration will be done but also the adjacent claims and ownership of same. If the applicant owns or leases any of the adjacent claims, which might benefit directly or indirectly by the proposed exploration project, they also should be included in the application.

Sincerely yours,
(signed) FRANK E. JOHNSON
Chairman, Operating Committee
Defense Minerals Exploration Administration

2/21

Enclosure - 3

For the
C. N. Johnson
Member, Bureau of Mines

L. P. Shaver
Member, Geological Survey

HFKeller/jem 2/13/52 Adm. Reading File
Docket - Messrs: Johnson, CH Rm. 3621
McKnight, EI Rm. 4204 GS Keller
Operating Committee Ellis
Field Team, Reg. IV

700

FILE COPY
SURNAME:

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

AIR MAIL

FEB 21 1952

Mr. John C. Wholey
Box 174
Winnemucca, Nevada

Re: Docket No. DMEA-2307 (Mercury)
Wholey Mine
Winnemucca, Nevada

Dear Mr. Wholey:

Your application for assistance in exploring your property in Humboldt County, Nevada, under the above captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration and has been referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination.

The Regional office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

C. O. Mittendorf (fw) 2/21

Acting Administrator
Defense Minerals Exploration
Administration

Keller/jem
2/20/52
Adm. Reading File
Docket
Messrs: C.H.Johnson, Rm. 3621
E.T.McKnight, Rm. 4204 GS
Ellis
Keller
Field Team, Region III (2)

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

January 15, 1952

Memorandum

To: E. W. Ellis, D.M.E.A.

From: Helena M. Meyer

Subject: D.M.E.A. Docket No. 2307, John C. Wholey, Wholey mine, exploration loan $2,500 (Mercury)

Before consideration can be given to the loan a filed team examination should be made. The area in which work is to be done should be checked and prospects of finding enough mercury to warrant the small loan weighed.

Evidence of ownership must be supplied by the applicant and possibly a map.

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The only production thus far reported for the mine was 14 flasks produced in 1941.

Ricker described his visit to the Wholey and Hapgood prospects as follows:

"The quicksilver deposits lie about 50 miles northeasterly from Winnemucca on the westerly slope of the Hot Spring Mountain Range. They are accessible from Winnemucca by way of Highway No's. 95, 8B and good desert and mountain roads.

As a result of my preliminary examination I am of the opinion that these deposits have some merit as possible producers of small amounts of quicksilver. It is doubtful, however, if any large tonnage that could be considered as a strategic reserve could be developed by the Bureau of Mines.

The Wholey and Hapgood prospects are the only properties in operation at this time. The combined production runs from one to two flasks per week. The Wholey property has a production record of 16 flasks while the Hapgood is said to have produced more than 50 flasks in the course of intermittent operations over a several year period. The Cahill, now idle, is reported to have produced about $100,000 dollars.

Cinnabar occurs along fractures in the quartzites, limestones and shales. The workable lenses are generally found at the intersection, or nearby, of cross fractures with the bedding planes of the sediments.

An intersection of this type has been worked to a depth of about 150 feet on a 45 degree incline on the Hapgood ground and good grade ore shows in the bottom. The ore seems to be confined to within a few feet of the intersection of a fracture with the bedding planes.

About 200 feet of work has been done on the Wholey ground along a bedding plane striking N. 42 E. Most of the ore worth retorting was mined adjacent to a cross fracture. This work was done on the most attractive showing found to date on the property and approximately 500 tons of rock were moved, and the total production was 16 flasks of quicksilver. The run of mine rock therefore over a width of about 5 feet would carry less than 3 pounds per ton of quicksilver.

Engineers from numerous companies engaged in the production of quicksilver have examined these deposits in the past few years and their reactions have evidently not been favorable in relation to possible large scale production.

If at any time the Government would wish to aid prospectors such as Wholey and Hapgood by granting small exploration loans I believe that the money would be judiciously spent, and that some small production would continue from this type of a district."

Helena M. Meyer

HELENA M. MEYER

IN REPLY REFER TO:

2/12/52 gla

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

February 12, 1952

Memorandum

Re: DMEA-2307
Longhorn claim, Humboldt County, Nevada
Exploration loan, $2,500
Quicksilver

To: Mr. E. Wm. Ellis

From: Mr. E. T. McKnight

Subject: Geologic appraisal

The quicksilver at this property occurs along bedding plane ~~in~~ faults in limestone that strikes northerly and dips west (see University of Nevada Bull. vol. 38, No. 5, 1944, Quicksilver deposits in Nevada). The dip, according to the applicant, is 10°-35°. The property has been opened by a 175 ft. crosscut which intersects two of the mineralized zones, both of which have been drifted on about 50 ft. each. The ore previously mined could be sorted to retort grade. The mine had produced 14 flasks of quicksilver to the end of 1942 but there may have been some later production.

According to the applicant, the easternmost drift on the ore bearing fault (No. 2 drift) showed 3 nodes of enrichment which he believes to be pipe-like bodies extending up and down the dip. He wants to "sink or raise" on these pipes, but he doesn't say which or how much. He also wants to drift farther on this mineralized zone, and also to crosscut farther into the hill in the hope of locating another parallel mineralized zone. No estimate is given as to the length of drifting and crosscutting that would be involved.

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All of the proposed work may be feasible geologically, but the proposals need a field examination to determine if the favorable fracturing continues to the north on drift No. 2, or if there is adequate surface indication of parallel shearing to the east, as claimed by applicant, to warrant crosscutting in search of a new mineralized zone. Indications would need to be particularly favorable to warrant leaving the two mineralized shears that are already available for exploration in order to look for a third one. A field referral for a $2,500 project seems a waste of time, but it is possible that the amount of the project should be increased. Inasmuch as the docket will apparently have to go to the field eventually, it would perhaps save time to have the field team work out an acceptable program with the applicant, rather than try to get an acceptable proposal from him that would more than likely have to be revised or modified greatly by the field team.

Edwin T. McKnight

Edwin T. McKnight
Geologist

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

January 15, 1952

Memorandum

To: E. W. Ellis, D.M.E.A.

From: Helena M. Meyer

Subject: D.M.E.A. Docket No. 2307, John C. Wholey, Wholey mine, exploration loan $2,500 (Mercury)

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Signed

HELENA M. MEYER

HMMEYER/mec

Copy to Minerals Division
Base Metals Branch
H. M. Meyer
Adm. Reading File
Mr. McKnight
F I L E S

rm MF-103
ised June 1951

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1951

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

Not To Be Filled in by Applicant

Docket No. OMEA 2307
Metal or Mineral
Date Received
Amount $
Participation (Government %)

John C. Wholey
Box 174
Winnemucca
Nevada

Name and address of applicant

Date December 26, 1951

If you have already filed MF-100, give date filed NO, type of assistance requested ,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

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.

Partnership
(Name of company)

By J. C. Tholey
(Signature of authorized official)

Dec 26 1951
(Date)

Owner "Mgr"
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

1.(a)The property is located in the Poverty Peak (Hot Springs Peak) mining area approximately fifty (50) miles north of Winnemucca, Nevada. The improvements consist of living quarters,equipment and equipment buildings and an exploratory tunnel approximately 285 feet long known as the Longhorn No. 2 Tunnel. The exploratory tunnel consists of approximately 175 lineal feet of crosscuts and 110 lineal feet of drifts a along two well defined walls or stratas which show high grade cinnabar crystals at various points. The first wall (strata) is approximated 150 feet in from the portal and I have drifted on it for 50-feet. This drift exposes good cinnabar crystals and looks promising for future development work. The second wall (strata) is approximately 175 feet in from the portal and I have drifted on it for 40 feet. This drift exposed good cinnabar crystals along its entire length and it has three very good high grade shoots or showings exposed along its length that could be developed into large ore bodies by raising or sinking on them.

(b)I own the property together with my two daughters and one son and operate it on the mutual consent of all concerned. The actual division of ownership is as follows:

J. C. Wholey (Applicant)----------1/3 Interest
Mrs. C. C. Bridgman (Daughter------1/3 Interest
Mrs.H. O. Plath (Daughter)---------1/6 Interest
L. C. Wholey (Son)----------1/6 Interest

(c)The property is known and identified as the Longhorn claim in the Poverty Peak (Hot Springs Peak) mining district, Humboldt County, Nevada.

Note: (1) All exploration work under this application will be performed on the Longhorn Claim described above.

(2) There are no liens or encumbrances against the property whatso-ever.

2.(a)I expect to find mercury in quantities sufficient to warrant commercial production of same.

(b)The Poverty Peak mining area is made up of a series of limestone stratas that have been considerably folded and faulted and subjected to thermal and hot spring action during and subsequent to the period of folding and faulting. The cinnabar crystals and minerals as a result occur both as an integral or primary part of the limestone and as a separate and secondary deposit along the faults, stratifications and fractures. The stratas dip generally from 10 to 35 degrees which tends to make traps for favorable deposition of secondary ore deposits and there are also numerous faults and fractures which also tend to make secondary ore deposits. I have no maps or geological or engineering reports on the property at this time.

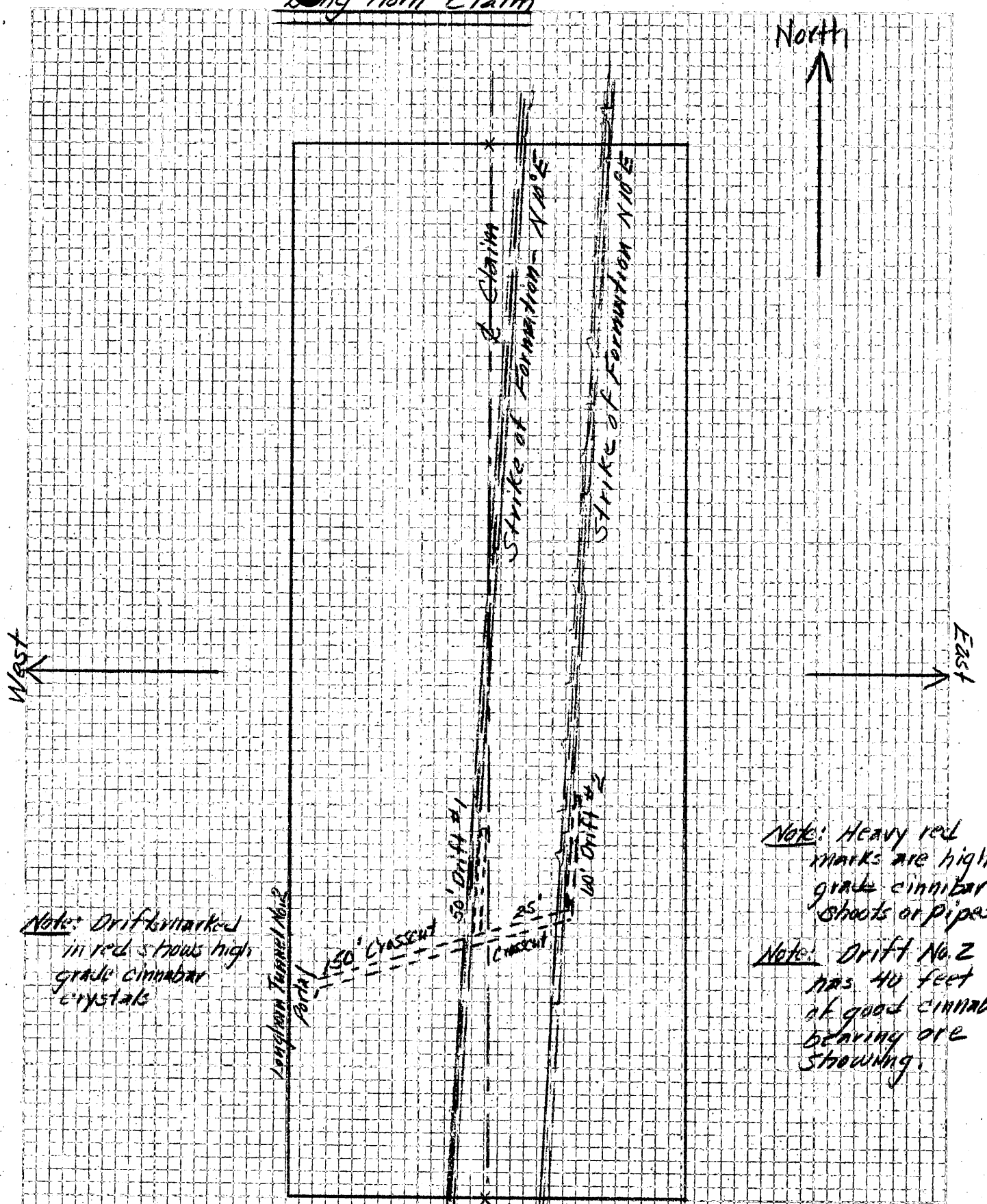
J. C. Wholey
Box 174
Winnemucca Nev.

3.(a) I would like to raise and sink on the promising ore showings along the second wall or strata described in 1(a) and also do some more drifting along that wall and try to develope additional favorable ore deposits. I would also like to do some additional crosscutting and try to locate an additional wall or strata so that I could develope more ore deposits as I believe there is another such wall a short distance from the second wall according to all surface indications. I believe I can do the above development work for $2,500.00.

(b) I would like to start the development work under this application as soon as weather and road conditions are favorable which should be during the month of February. I believe I can complete the work in nimety (90) days and during that time I am sure that I can develope sufficient ore deposits to start production.

J. C. Tholey.
Box 174
Winnemucca, Nev.

Long Horn Claim



Notes

Total Tunnel Length approximately 285-feet
Drift No. 2 shows very promising ore shoots and pipes to be developed by sinking and raising.

J. C. Wholey. Box 174. Winnemucca Nev.

5. The following is a list of existing facilities, buildings, installations and fixtures on the property at this time:

One (1) Combined Cook and Bunkhouse
One (1) Bunkhouse
One (1) Combined Blacksmith and Compressor Building
One (1) Two-pipe Retort

All of the above are in a satisfactory and usable condition at this time and will not require any rehabilitation or repairs.

J. C. Kelly.
Box 174
Winnemucca, Nev.

6. I will build ore separating platforms, chutes and storage bins as some of the development work proposed under this application will be performed in areas that will yield ore of commercial value if property separated and stored as the ore showing along the second wall described in 1(a) are definitely good enough to separate for later processing.

J. C. Tholey,
Box 174
Winnemucca, Nev.

7.(a)Operating Equipment to be Rented----None

(b)Operating Equipment to be Purchased----None

(c)Operating Equipment to be furnished by Applicant

One(1) One Ton Pickup
One(1) Ingersol Rand 100 cfm Compressor
One(1) Ingersol Rand Jackhammer
One(1) Gardner Denver Stoper
One(1) Ore Car
One(1) Lot of picks, shovels and blacksmith tools
One(1) Lot of track for ore car sufficient to serve all existing drifts and crosscuts.
One(1) Wheel Barrow
50 feet of Air hose
50 feet of Water hose

I value the above equipment $1,500.00 and I will furnish all of it at no cost to the project other than regular maintenance and repair costs.

J. C. Tholey.
Box 174
Hammemucca, Nev

8. The following is an itemized list of the labor I will require to perform the development work under this application:

One(1) Miner at $353.00 per month for three months which includes all payroll taxes and insurance, for a total of $1,059.00.

I will supervise the work myself and will also act as a miner, mucker and blacksmith and I will require $150.00 per month for food and miscellaneous living expenses for a total of $450.00.

J. C. Holey
Box 174
Winnemucca Nev.

9. The following is an itemized list of the estimated cost of materials and suppliesrequired to perform the development work under this application:

Gas, oil, etc. for hauling from town to project	$75.00
Gas, oil, etc. for operating compressor	150.00
Drill Steel	30.00
Drill Bits	186.00
Blasting Powder	180.00
Blasting caps	18.00
Blasting Fuse	33.00
Lumber and Timber for platforms,chutes & bins	60.00
Rails for new drifts and crosscuts	60.00
Miscellaneous maintenance and repair items	100.00
	892.00

J. C. Holey.
Box 174
Hermosuccia Nev.

10. (a) I will furnish all of the existing improvements at no charge and all of my equipment which is presently valued at $1500.00 at no charge towards completing the development work under this application. In addition I will personally supervise all of the work at no salary and also act as a miner, mucker, helper and blacksmith on the work. All I ask for my services are my actual living expenses which are estimated to be $150.00 per month.

(b) The above is more than the amount required to qualify for assistance in the amount of $2500.00 under Mineral Order No. 5, Defense Production Act of 1950.

J. O. Holey
Box 174
Winnemucca, Nev.

11. In addition to the information furnished under item 1 through 10 I have a two pipe retort installed at the project and I can start production of mercury as soon as I produce enough ore to warrant the start of the retort.

J. C. Holey.
Box 174
Winnemucca, Nev.

EXPLORATION

Subject: DMEA-2307
Re: Exploration Loan
Longhorn Claim

Mr. John C. Wholey
Box 174
Winnemucca, Nevada

My dear Mr. Wholey:

This will acknowledge receipt of your application dated December 26, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2307 and referred to the Rare & Miscellaneous Metals Division.

Kindly refer to DMEA-2307 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

DEPARTMENT OF THE INTERIOR
Minerals Administration
RECEIVED
DEC 28 1951

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

Not To Be Filled in by Applicant

Docket No. DMEA-2307
Metal or Mineral
Date Received
Amount $
Participation (Government %)

Name and address of applicant

John C. Wholey
Box 174
Winnemucca, Nevada

Date December 26, 1951

If you have already filed MF-100, give date filed No, type of assistance requested ,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

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3. (*a*) Describe fully the proposed work and give the total cost of the project.

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4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

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8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

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.

Partnership
(Name of company)

By J. C. Hosley
(Signature of authorized official)

Dec 26 1951
(Date)

"Owner Mgr"
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

1.(a)The property is located in the Poverty Peak (Hot Springs Peak) mining area approximately fifty (50) miles north of Winnemucca, Nevada. The improvements consist of living quarters,equipment and equipment buildings and an exploratory tunnel approximately 285 feet long known as the Longhorn No. 2 Tunnel. The exploratory tunnel consists of approximately 175 lineal feet of crosscuts and 110 lineal feet of drifts a along two well defined walls or stratas which show high grade cinnabar crystals at various points. The first wall (strata) is approximated 150 feet in from the portal and I have drifted on it for 50-feet. This drift exposes good cinnabar crystals and looks promising for future development work. The second wall (strata) is approximately 175 feet in from the portal and I have drifted on it for 40 feet. This drift exposed good cinnabar crystals along its entire length and it has three very good high grade shoots or showings exposed along its length that could be developed into large ore bodies by raising or sinking on them.

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L. C. Wholey (Son)----------1/6 Interest

(c)The property is known and identified as the Longhorn claim in the Poverty Peak (Hot Springs Peak) mining district, Humboldt County, Nevada.

Note: (1) All exploration work under this application will be performed on the Longhorn Claim described above.

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2.(a)I expect to find mercury in quantities sufficient to warrant commercial production of same.

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John C. Wholey
Box 174
Winnemucca, Nev.

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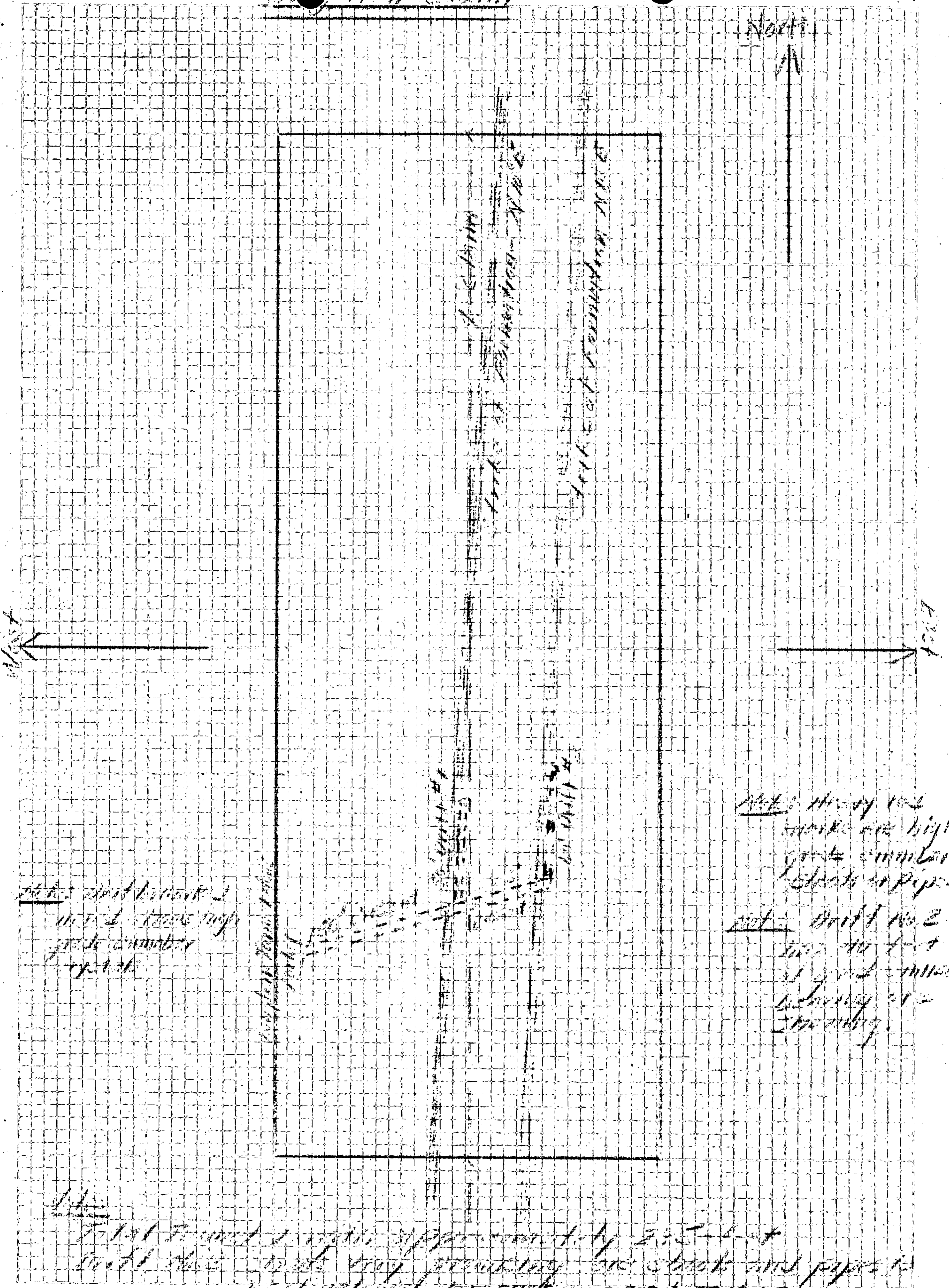
(b) I would like to start the development work under this application as soon as weather and road conditions are favorable which should be during the month of February. I believe I can complete the work in ninety (90) days and during that time I am sure that I can develope sufficient ore deposits to start production.

J. C. Tholey.
Box 174
Winnemucca. Nev.

Horn Claim



J. C. Wholey Box 174 Winnemucca Nev.

5. The following is a list of existing facilities, buildings, installations and fixtures on the property at this time:

One (1) Combined Cook and Bunkhouse
One (1) Bunkhouse
One (1) Combined Blacksmith and Compressor Building
One (1) Two-pipe Retort

All of the above are in a satisfactory and usable condition at this time and will not require any rehabilitation or repairs.

J. C. Holley.
Box 174
Winnemucca, Nev.

6. I will build ore separating platforms, chutes and storage bins as some of the development work proposed under this application will be performed in areas that will yield ore of commercial value if property separated and stored as the ore showing along the second wall described in 1(a) are definitely good enough to separate for later processing.

J. C. Holey.
Box 174
Winnemucca. Nev

7.(a)Operating Equipment to be Rented----None

(b)Operating Equipment to be Purchased----None

(c)Operating Equipment to be furnished by Applicant

One(1)	One Ton Pickup
One(1)	Ingersol Rand 100 cfm Compressor
One(1)	Ingersol Rand Jackhammer
One(1)	Gardner Denver Stoper
One(1)	Ore Car
One(1)	Lot of picks, shovels and blacksmith tools
One(1)	Lot of track for ore car sufficient to serve all existing drifts and crosscuts.
One(1)	Wheel Barrow
50 feet	of Air hose
50 feet	of Water hose

I value the above equipment $1,500.00 and I will furnish all of it at no cost to the project other than regular maintenance and repair costs.

J. C. Holey
Box 174
Hermosuccd. Nev.

8. The following is an itemized list of the labor I will require to perform the development work under this application:

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I will supervise the work myself and will also act as a miner, mucker and blacksmith and I will require $150.00 per month for food and miscellaneous living expenses for a total of $450.00.

J. C. Holy
Box 174
Winnemucca, Nev.

9. The following is an itemized list of the estimated cost of materials and suppliesrequired to perform the development work under this application:

Gas, oil, etc. for hauling from town to project---	$75.00
Gas, oil, etc. for operating compressor----------	150.00
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Miscellaneous maintenance and repair items---------	100.00
	892.00

J. C. Holey
Box 174
Winnemucca, Nev

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J. C. Holey
Box 174
Winnemucca, Nev

11. In addition to the information furnished under item 1 through 10 I have a two pipe retort installed at the project and I can start production of mercury as soon as I produce enough ore to warrant the start of the retort.

J. C. Holey.
Box 174
Winnemucca Nev.

a MF-103
sed June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA 2307
Metal or Mineral
Date Received
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1951

Name and address of applicant

John C. Wholey
Box 174
Winnemucca, Nevada

Date December 26, 1951

If you have already filed MF-100, give date filed NO, type of assistance requested ,

DMA Docket Number (if available)

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1. (*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.

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   NOTE: (1) 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 (*c*) 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.

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4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

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   (*a*) Rented

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   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

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.

Partnership
(Name of company)

By J. C. Holey
(Signature of authorized official)

Dec 26 1951
(Date)

Owner Mgr
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

1.(a)The property is located in the Poverty Peak (Hot Springs Peak) mining area approximately fifty (50) miles north of Winnemucca, Nevada. The improvements consist of living quarters,equipment and equipment buildings and an exploratory tunnel approximately 285 feet long known as the Longhorn No. 2 Tunnel. The exploratory tunnel consists of approximately 175 lineal feet of crosscuts and 110 lineal feet of drifts a along two well defined walls or stratas which show high grade cinnabar crystals at various points. The first wall (strata) is approximated 150 feet in from the portal and I have drifted on it for 50-feet. This drift exposes good cinnabar crystals and looks promising for future development work. The second wall (strata) is approximately 175 feet in from the portal and I have drifted on it for 40 feet. This drift exposed good cinnabar crystals along its entire length and it has three very good high grade shoots or showings exposed along its length that could be developed into large ore bodies by raising or sinking on them.

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J. C. Wholey (Applicant)----------1/3 Interest
Mrs. C. C. Bridgman (Daughter------1/3 Interest
Mrs.H. O. Plath (Daughter)---------1/6 Interest
L. C. Wholey (Son)----------1/6 Interest

(c)The property is known and identified as the Longhorn claim in the Poverty Peak (Hot Springs Peak) mining district, Humboldt County, Nevada.

Note: (1) All exploration work under this application will be performed on the Longhorn Claim described above.

(2) There are no liens or encumbrances against the property whatso-ever.

2.(a)I expect to find mercury in quantities sufficient to warrant commercial production of same.

(b)The Poverty Peak mining area is made up of a series of limestone stratas that have been considerably folded and faulted and subjected to thermal and hot spring action during and subsequent to the period of folding and faulting. The cinnebar crystals and minerals as a result occur both as an integral or primary part of the limestone and as a separate and secondary deposit along the faults, stratifications and fractures. The stratas dip generally from 10 to 35 degrees which tends to make traps for favorable deposition of secondary ore deposits and there are also numerous faults and fractures which also tend to make secondary ore deposits. I have no maps or geological or engineering reports on the property at this time.

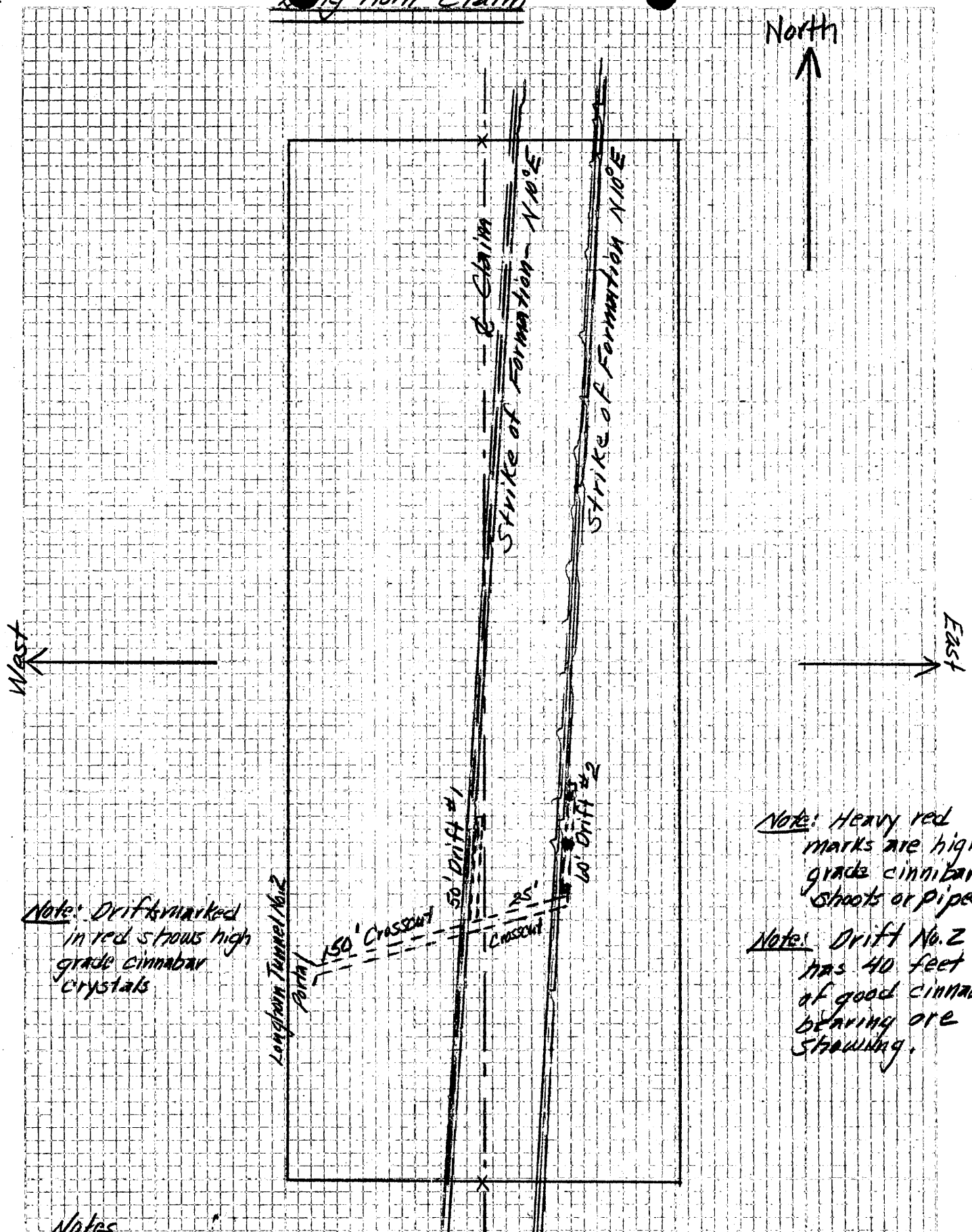
J. C. Wholey
Box 174
Winnemucca, Nev.

3.(a) I would like to raise and sink on the promising ore showings along the second wall or strata described in 1(a) and also do some more drifting along that wall and try to develope additional favorable ore deposits. I would also like to do some additional crosscutting and try to locate an additional wall or strata so that I could develope more ore deposits as I believe there is another such wall a short distance from the second wall according to all surface indications. I believe I can do the above development work for $2,500.00.

(b) I would like to start the development work under this application as soon as weather and road conditions are favorable which should be during the month of February. I believe I can complete the work in nimety (90) days and during that time I am sure that I can develope sufficient ore deposits to start production.

J. C. Hholey
Box 174
Kimberwood Nev.

Long Horn Claim



Notes

Total Tunnel Length approximately 285-feet

Drift No. 2 shows very promising ore shoots and pipes to be developed by sinking and raising.

J. C. Holey. Box 174, Winnemucca Nev.

5. The following is a list of existing facilities, buildings, installations and fixtures on the property at this time:

One (1) Combined Cook and Bunkhouse
One (1) Bunkhouse
One (1) Combined Blacksmith and Compressor Building
One (1) Two-pipe Retort

All of the above are in a satisfactory and usable condition at this time and will not require any rehabilitation or repairs.

J. C. Thoby
Box 174
Winnemucca, Nev.

6. I will build ore separating platforms, chutes and storage bins as some of the development work proposed under this application will be performed in areas that will yield ore of commercial value if property separated and stored as the ore showing along the second wall described in 1(a) are definitely good enough to separate for later processing.

J. C. Kelly.
Box 174
Winnemucca. Nev.

7.(a)Operating Equipment to be Rented----None

(b)Operating Equipment to be Purchased----None

(c)Operating Equipment to be furnished by Applicant

One(1) One Ton Pickup
One(1) Ingersol Rand 100 cfm Compressor
One(1) Ingersol Rand Jackhammer
One(1) Gardner Denver Stoper
One(1) Ore Car
One(1) Lot of picks, shovels and blacksmith tools
One(1) Lot of track for ore car sufficient to serve all existing drifts and crosscuts.
One(1) Wheel Barrow
50 feet of Air hose
50 feet of Water hose

I value the above equipment $1,500.00 and I will furnish all of it at no cost to the project other than regular maintenance and repair costs.

J. B. Haley
Box 174
Hammonton, N.J.

8. The following is an itemized list of the labor I will require to perform the development work under this application:

One(1) Miner at $353.00 per month for three months which includes all payroll taxes and insurance, for a total of $1,059.00.

I will supervise the work myself and will also act as a miner, mucker and blacksmith and I will require $150.00 per month for food and miscellaneous living expenses for a total of $450.00.

J. C. Holey
Box 174
Hermosillora. Mex.

9. The following is an itemized list of the estimated cost of materials and suppliesrequired to perform the development work under this application:

Gas, oil, etc. for hauling from town to project	$75.00
Gas, oil, etc. for operating compressor	150.00
Drill Steel	30.00
Drill Bits	186.00
Blasting Powder	180.00
Blasting caps	18.00
Blasting Fuse	33.00
Lumber and Timber for platforms,chutes & bins	60.00
Rails for new drifts and crosscuts	60.00
Miscellaneous maintenance and repair items	100.00
	892.00

J. C. Holey
Box 174
Winnemucca, Nev.

10. (a) I will furnish all of the existing improvements at no charge and all of my equipment which is presently valued at $1500.00 at no charge towards completing the development work under this application. In addition I will personally supervise all of the work at no salary and also act as a miner, mucker, helper and blacksmith on the work. All I ask for my services are my actual living expenses which are estimated to be $150.00 per month.

(b) The above is more than the amount required to qualify for assistance in the amount of $2500.00 under Mineral Order No. 5, Defense Production Act of 1950.

J. C. Holey
Box 174
Winnemucca, Nev.

11. In addition to the information furnished under item 1 through 10 I have a two pipe retort installed at the project and I can start production of mercury as soon as I produce enough ore to warrant the start of the retort.

J. C. Holey
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Hammond, New