DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2438

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

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
Copies to USBM, USGS, Region II.

To: Code 500, Rm. 2614 Date 3-21-52

To: Operating Committee Date 4-9-52

To: [illegible] Date 8-13-52

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:
500

Corbett
Keller
Johnson
Johnson

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

AUG 14 1952

Mr. Armin A. Rosenhan
750 East 6400 South Street
Midvale, Utah

Re: Docket DMEA-2438 (Lead-Zinc)
Lucky Baker Claims
Franklin County, Idaho

Dear Mr. Rosenhan:

Reference is made to your application, Docket DMEA 2438, for Government assistance in the exploration of your property.

A study of the information furnished in your application and other data available to this agency, indicates that the geological possibilities of discovering significant bodies of ore are too poor to warrant the expenditure of public funds. We regret to advise you, therefore, that your application is denied.

Your interest in the defense program is appreciated, and we wish to thank you for bringing your property to the attention of the Government.

Sincerely yours,

C. O. Mittendorf (for) F.N. 8-14-52

Acting Administrator

FXCorbett/mb
August 12, 1952
cc to: Docket
Adm. Reading File
Operating Committee
Mr. Keller (2)
Mr. Corbett
Mr. Bishop
Mr. McKnight
Region II (2)
Chron

FILE COPY
SURNAME:

500

Corbett
H Keller
Lemmon
Johnson

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

August 12, 1952

Memorandum:

To: Acting Administrator

From: Acting Chief, Base Metals Division

Subject: Denial - Application Docket DMEA-2438

In compliance with the Field Team and Commodity engineers regarding the merits of this proposal, this office has refused to grant exploration funds for this property.

The application was received in this office on March 20, 1952, and a report by the U.S.B.M and U.S.G.S. describing the property on July 24, 1952. In this report it is stated that no base metal mineralization was noted at any point on the property, and that the possibilities of finding significant bodies of ore are too poor to warrant further exploration.

H. F. Keller

H. F. Keller
Acting Chief

FXCorbett/mb
cc to: Docket ✓
Adm. Reading File
Operating Committee
Mr. Keller (2)
Mr. Corbett
Mr. Bishop
Mr. McKnight
Chron

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

August 12, 1952

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To: Acting Administrator

From: Acting Chief, Base Metals Division

Subject: Denial - Application Docket DMEA-2438

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H. F. Keller
Acting Chief

IN REPLY REFER TO:

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

August 5, 1952

Memorandum

Re: DMEA-2438
Lucky Baker Claims
Franklin County, Idaho
Exploration, $2,000
Lead, zinc

To: Mr. H. F. Keller

From: E. L. Newcomb, USGS
O. M. Bishop, USBM

Subject: Concurrence with field team denial

The field examination of this property has indicated that the Lucky Baker vein does not contain any visible base metal mineralization. Exposures of the vein in two small cuts consist mainly of gouge, calcite and chalcedony. Dump material from a caved adit, which probably cut the vein zone, shows no evidence that lead-zinc mineralization occurred there.

We concur with the field team's recommendation that the applicant's proposal be denied.

E. L. Newcomb (ETM)
E. L. Newcomb
Geologist

O. M. Bishop
O. M. Bishop
Mining Engineer

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

August 5, 1952

Memorendum

Re: DMEA-2438
Lucky Baker Claims
Franklin County, Idaho
Exploration, $2,000
Lead, zinc

To: Mr. H. F. Keller

From: E. L. Newcomb, USGS
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We concur with the field team's recommendation that the applicant's proposal be denied.

E. L. Newcomb
Geologist

O. M. Bishop
Mining Engineer

U. S. Geological Survey

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

JUL 24 1952

No. 157 Howard Street
Spokane 4, Washington

July 21, 1952

Memorandum

To: Chairman, Operating Committee, DMA

From: DMA Field Team, Region II

Subject: Report on field examination of Lucky Baker Property, Franklin County, Idaho, DMA Docket No. 2431 (lead-zinc).

Attached are four copies of a report by F. H. Howard, Mining Engineer, U. S. Bureau of Mines, and T. H. Kiilsgaard, Geologist, U. S. Geological Survey, on the Lucky Baker property, Franklin County, Idaho.

The examiners recommend that the captioned application on the Lucky Baker Property be denied, and the Field Team concurs.

By DMA Field Team, Region II

A. A. Schneeberger, Soc. Officer
(U. S. Geological Survey)

T. A. Volin, Member
(U. S. Bureau of Mines)

cc: DMA

Enclosures

7/28/52 / TPT

"U. S. Geological Survey"

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

1201 N. Division St.
Spokane 2, Wash.
July 17, 1952

JUL 24 1952

Reviewed by
DMEA OPERATING COMMITTEE

(date)

MEMORANDUM

To: Field Team, DMEA, Region II

From: T. E. Howard, Mining Engineer, U. S. Bureau of Mines, and T. H. Kiilsgaard, Geologist, U. S. Geological Survey

Subject: Examination of Lucky Baker Prospect, Franklin County, Idaho, Armin A. Rosenhan, Docket No. DMEA 2438 (lead-zinc)

INTRODUCTION

The subject property was examined on June 3, 1952, in company with the applicant, Armin A. Rosenhan, and Bob Gulbranson, Geologist, U. S. Geological Survey.

RECOMMENDATION

It is recommended that the application of Armin A. Rosenhan for assistance in the exploration of the Lucky Baker property be denied.

LOCATION AND ACCESS

The property is on the east flank of the Bannock Range, T. 14 S., R. 38 E., Boise meridian, in Franklin County, Idaho, about 5 miles southeast of Oxford, Idaho, the nearest railhead. Access to that point is by 3.5 miles of paved road, 1 mile of unimproved jeep road and about .5 mile of steep foot trail. At the present time the jeep road and trail are barely passable.

TOPOGRAPHY AND CLIMATE

Relief in the area is sharp and though the steep slopes contain no timber suitable for mine use, large areas are covered with dense brush. The overburden is shallow and any road construction would require a considerable amount of rock work. The proposed shaft site is on the north slope of a steep gulch.

Snowfall in the region is normally heavy. The applicant reports that snowslides have occurred, causing damage to equipment and facilities on the property. The existing jeep road and trail could not be kept open during a winter operation.

PROPERTY

The property consists of 6 unpatented claims, the Skyline No. 1, 2, 3, 4, 5 and 6, located originally as the Lucky Baker group held until 1940 by the Lucky Baker Mining Company organized by the applicant. According to the applicant inadequate financing forced the company to abandon the claims. They remained idle until recently when they were relocated in the applicant's name.

GEOLOGY

The Lucky Baker vein is traceable on the outcrop for a distance of about 30 feet. Where exposed in two small open cuts, about 20 feet apart, the vein strikes N. 30°E., and dips 30° to 50° NW. In the northeast pit the vein is about 22 inches wide, consisting chiefly of gouge but with some calcite, chalcedony, and gossan. No base metal mineralization was noted although the applicant stated that a recent sample from the pit assayed 1 percent lead, and 2.1 ounces of silver per ton. Adjacent to the vein is a zone from 2 to 4 feet wide in which the chlorite schist wall rock has been extensively altered.

A short adit, now caved at the portal, was driven by the Lucky Baker Mining Company to explore the vein about 130 feet below the outcrop. The adit portaled about 315 feet southeast of the open pit on the vein outcrop. Although this adit appears to have been headed in the right direction and should have intersected the vein, there is no evidence on the dump to suggest that the vein was reached. The applicant states that he does not believe the adit extended far enough to reach the vein. However, from his description of the adit together with a Brunton and tape traverse from the adit portal to the outcrop, it may be inferred that the vein may have been reached in the adit but was not recognized, possibly owing to scanty mineralization.

The chlorite schist enclosing the vein extends from near the foot of the mountain, on the east, for a distance several hundred feet west of and above the Lucky Baker vein where it is in contact with a gabbro dike. Farther to the west, near the top of the mountain, the gabbro dike is in contact with quartzites and limestones of early Paleozoic age. The applicant states that scheelite has been found on or near to this dike-sediment contact, and reasoned that large tungsten deposits might occur there. Although a considerable length of this contact was examined, the applicant was unable to show the examining party any scheelite.

PAST PRODUCTION

The property has had no production.

U. S. Geological Survey

COMPETENCE OF APPLICANT

The applicant's mining experience has been limited to unsuccessful sparetime prospecting over the past 15 years. He has had no operating experience. He proposes a unit-price type exploration project contract for 100 feet of shaft for $30.00 per foot with the Government's contribution to be $15.00 per foot, or a total of $1,500.00. This figure does not represent his estimate of the cost but is the maximum amount that he can match. The work would be performed by himself and his two sons on weekends and vacations.

cc: USGS, Spokane
4 cys - Wash.
M/D
Albany
Engr. T.E.H.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 24 1952

So. 157 Howard Street
Spokane 4, Washington

July 21, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region II

Subject: Report on field examination of Lucky Baker property, Franklin County, Idaho, DMEA Docket No. 2438 (lead-zinc).

Attached are four copies of a report by T. E. Howard, Mining Engineer, U. S. Bureau of Mines, and T. H. Kiilsgaard, Geologist, U. S. Geological Survey, on the Lucky Baker property, Franklin County, Idaho.

The examiners recommend that the captioned application on the Lucky Baker property be denied, and the Field Team concurs.

By DMEA Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

cc: USBM

Enclosures

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

1201 W. Division St.
Spokane 2, Wash.
July 17, 1952

JUL 24 1952

Reviewed by
DMEA OPERATING COMMITTEE
7-30-52
(date)

MEMORANDUM

To: Field Team, DMEA, Region II

From: T. E. Howard, Mining Engineer, U. S. Bureau of Mines, and T. H. Kiilsgaard, Geologist, U. S. Geological Survey

Subject: Examination of Lucky Baker Prospect, Franklin County, Idaho, Armin A. Rosenhan, Docket No. DMEA 2438 (lead-zinc)

INTRODUCTION

The subject property was examined on June 3, 1952, in company with the applicant, Armin A. Rosenhan, and Bob Gulbranson, Geologist, U. S. Geological Survey.

RECOMMENDATION

It is recommended that the application of Armin A. Rosenhan for assistance in the exploration of the Lucky Baker property be denied.

LOCATION AND ACCESS

The property is on the east flank of the Bannock Range, T. 14 S., R. 38 E., Boise meridian, in Franklin County, Idaho, about 5 miles southeast of Oxford, Idaho, the nearest railhead. Access to that point is by 3.5 miles of paved road, 1 mile of unimproved jeep road and about .5 mile of steep foot trail. At the present time the jeep road and trail are barely passable.

TOPOGRAPHY AND CLIMATE

Relief in the area is sharp and though the steep slopes contain no timber suitable for mine use, large areas are covered with dense brush. The overburden is shallow and any road construction would require a considerable amount of rock work. The proposed shaft site is on the north slope of a steep gulch.

Snowfall in the region is normally heavy. The applicant reports that snowslides have occurred, causing damage to equipment and facilities on the property. The existing jeep road and trail could not be kept open during a winter operation.

PROPERTY

The property consists of 6 unpatented claims, the Skyline No. 1, 2, 3, 4, 5 and 6, located originally as the Lucky Baker group held until 1940 by the Lucky Baker Mining Company organized by the applicant. According to the applicant inadequate financing forced the company to abandon the claims. They remained idle until recently when they were relocated in the applicant's name.

GEOLOGY

The Lucky Baker vein is traceable on the outcrop for a distance of about 50 feet. Where exposed in two small open cuts, about 20 feet apart, the vein strikes N. 50°E., and dips 30° to 50° NW. In the northeast pit the vein is about 26 inches wide, consisting chiefly of gouge but with some calcite, chalcedony, and quartz. No base metal mineralization was noted although the applicant stated that a recent sample from the pit assayed 1 percent lead, and 2.1 ounces of silver per ton. Adjacent to the vein is a zone from 2 to 4 feet wide in which the chlorite schist wall rock has been extensively altered.

A short adit, now caved at the portal, was driven by the Lucky Baker Mining Company to explore the vein about 130 feet below the outcrop. The adit portaled about 315 feet southeast of the open pit on the vein outcrop. Although this adit appears to have been headed in the right direction and should have intersected the vein, there is no evidence on the dump to suggest that the vein was reached. The applicant states that he does not believe the adit extended far enough to reach the vein. However, from his description of the adit together with a Brunton and tape traverse from the adit portal to the outcrop, it may be inferred that the vein may have been reached in the adit but was not recognized, possibly owing to scanty mineralization.

The chlorite schist enclosing the vein extends from near the foot of the mountain, on the east, for a distance several hundred feet west of and above the Lucky Baker vein where it is in contact with a gabbro dike. Farther to the west, near the top of the mountain, the gabbro dike is in contact with quartzites and limestones of early Paleozoic age. The applicant states that scheelite has been found on or near to this dike-sediment contact, and reasoned that large tungsten deposits might occur there. Although a considerable length of this contact was examined, the applicant was unable to show the examining party any scheelite.

PAST PRODUCTION

The property has had no production.

COMPETENCE OF APPLICANT

The applicant's mining experience has been limited to unsuccessful sparetime prospecting over the past 15 years. He has had no operating experience. He proposes a unit-price type exploration project contract for 100 feet of shaft for $30.00 per foot with the Government's contribution to be $15.00 per foot, or a total of $1,500.00. This figure does not represent his estimate of the cost but is the maximum amount that he can match. The work would be performed by himself and his two sons on weekends and vacations.

cc: USGS, Spokane
4 cys - Wash.
M/D
Albany
Engr. T.E.H.

Form MF-103
(Revised June 1951)
COPY

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-2438
Metal or Mineral
Date Received 3-20-52
Amount $
Participation (Government %)

Armin A. Rosenhan
750 East 6400 South
Midvale, Utah

Name and address of applicant

Date February 29, 1952

If you have already filed MF-100, give date filed ....., 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 x

   (*b*) Purchased x

   (*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.

None
(Name of company)

By (Signed) Armin A. Rosenhan
(Signature of authorized official)

Discoverer and locator of described Claims
(Title)

March 17, 1952
(Date)

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

C O P Y

Answers to MF-103

1.

2. (a) Lead

In 1935 I (Armin A. Rosehan) engaged in strategic minerals exploration covering parts of Nevada and Idaho. I am well versed in geology and mining engineering though not a university graduate. I found the described mineralized fissure after finding "float" containing lead sulphide crystals in vein gangue matter. After months of search through dense undergrowth. I located outcrop of fissure described and located in sketches. Assays shows lead, silver, gold. The fissure is about 4 to 6 ft. wide - is badly oxidized. Contains bands of clay (brown and yellow) and calcite and chert and quartz. Small crystals of lead sulphide occurs in the calcity. "Leached" out pockets in the quartz show where mineral once was. The footwall is a hard green metamorpheosed rock containing finely divided iron sulphide crystals. The Hanging wall a brown clay-like decomposed material not identified. Water seeps from the Hanging wall exposed in bottom of gulch. Mining engineer friends give their wholehearted approval of this property as a good mining risk.

I spent much time building an access road and trail from country highway.

(Signed) Armin A. Rosehan

3. (a) I propose to erect a headframe for an exploration shaft to be 5 ft. by 6 ft. clear of timbering and to furnish as my part of this project a new bunkhouse, air compressor outfit, pipe-hose, drills, tools, powder, fuel, hoist and cable and skip. Material for ore bins and shaft timbering to a depth of 100 ft. Much of this material I have accumulated over a period of time. I also propose to make serviceable and clear of debris the access road and trail to work site. I have spent $6,500.00 of my personal funds and time thus far in this project. I ask government aid to the extent of $1,500.00 (fifteen hundred) to pay for labor at $15.00 per foot on a 100 ft. shaft. Labor to be performed by my sons and myself.

(b) I can start June 30, 1952 and complete Oct. 30, 1953.

(Signed) Armin A. Rosehan

4.

5. No facilities exist. Cabins and compressor house destroyed by snowslide, some equipment stolen. Nothing left of any value. I will replace all facilities at my expense.

6.

Bunk house	$200.00
Headframe	150.00
Toolhouses & compressor house	150.00
Timber for shaft	500.00

C O P Y

7. (c) Air compressor
Drill
Drill steel
Tools (shovels, picks)
Hoist and cable and skip
No estimate on cost. Probably $500.00. Will furnish as needed.

8. No salaries to be paid. My sons and myself to furnish labor at $15.00 per foot of shaft work.

9. A power line to mine site was once estimated by Utah Power and Lighting Co. $3,500.00 for 440 volt line.
Will provide anything necessary to dig 100 ft. at my own expense.

10. Can invest $500.00 cash. Plus all aforementioned equipment.

11. If commercial ore is formed a right of way (permanent) must be arranged for with private property owners between mine and highway. Permission for crossing private property has always been given by owners.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2438

Date received 3-20-52

Armin A Rosenhan
750 East 6400 South
Midvale Utah

Name and address of applicant

Date March 17 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 20 1952

4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   ☐ Owner.
   ☐ Lessee.
   ☐ Contractor.
5. Number of years in production ——
   If not in production or operation, estimated date when production will begin ——
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Form M.J. 100

General Technical Data

Question

1. Lead - Silver

2. 65 ft Drift (see Map) Form M-J 103

3. (a) 5 miles
   (B) none
   (C) cannot answer without survey
   (D) Franklin County, Idaho

4. (a) no
   (B) owner and locator

5. None

6. Student of Mining engineering and geology - Experienced miner - driller - and general mechanic. Employed By American Smelting & Refining Co.

(a) 7. Located originally as Lucky Baker Mining Claims (14 claims) Organized Lucky Baker Mining Co. about 1936. No operation, no production, Poor finances, company went Delinquent in 1940. Caused by spending money on low grade Nickel and chrome deposit

Jim M. S. Inc

General Technical Data

Questions

7. (B) none (c none available)

8. None (Amin A Pesanhas Jeanter)

9. none

10. none

11. Question not applicable

12. Not Determined. (See Map).

(a) See Cross section Map.

(B) Am. Smelting Assay - 1945 - 2.5 Lead. 16 oz Silver at grass roots. No geology reports available in writing. On the ground reports by engineers (oral) all favorable. no tonnage estimates made.

13. 5 Miles to Railroad siding - 3½ Miles of Paved Road - 1 Mile dirt Road - 1500 ft Trail.

14. Spring for culinary water in gulch at project site.

15. 1½ Miles to 400 volt Power line (Power assumed for any mining operation)

16. no labor employed.

Form M. 3-100

General Technical Data

Section

12. Buildings and Equipment

Destroyed By landslide. Diesel Engine and mine car stolen. Compressor and receiving tank Damaged Beyond Repair. Nothing of any value left on property.

I propose to furnish as my contribution to this property Development – To wit –

New Bunk House

Headframe and Hoist

Compressor Outfit – Drills – Pipe – Hose

Timber for sinking exploration shaft 100 ft on vein.

Clean up and clear for Office access road and Trail built by myself in 1938. Powder. Fuse. Fuse = Tools.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

none
(Name of company)

By Conway A Rosenhan
(Signature of authorized official)

(Date)

Discoverer & Locator of Claims
(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.

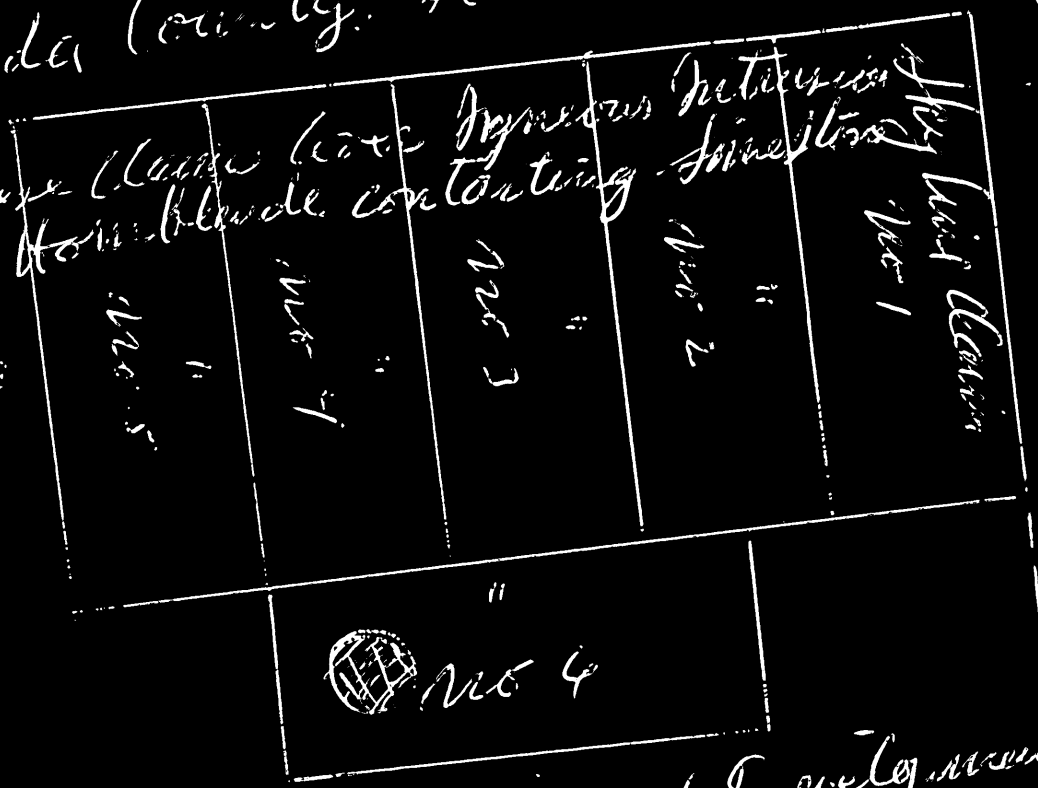
U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Bannock County Idaho

Oneida County Idaho

Form M-3 103

Question 1

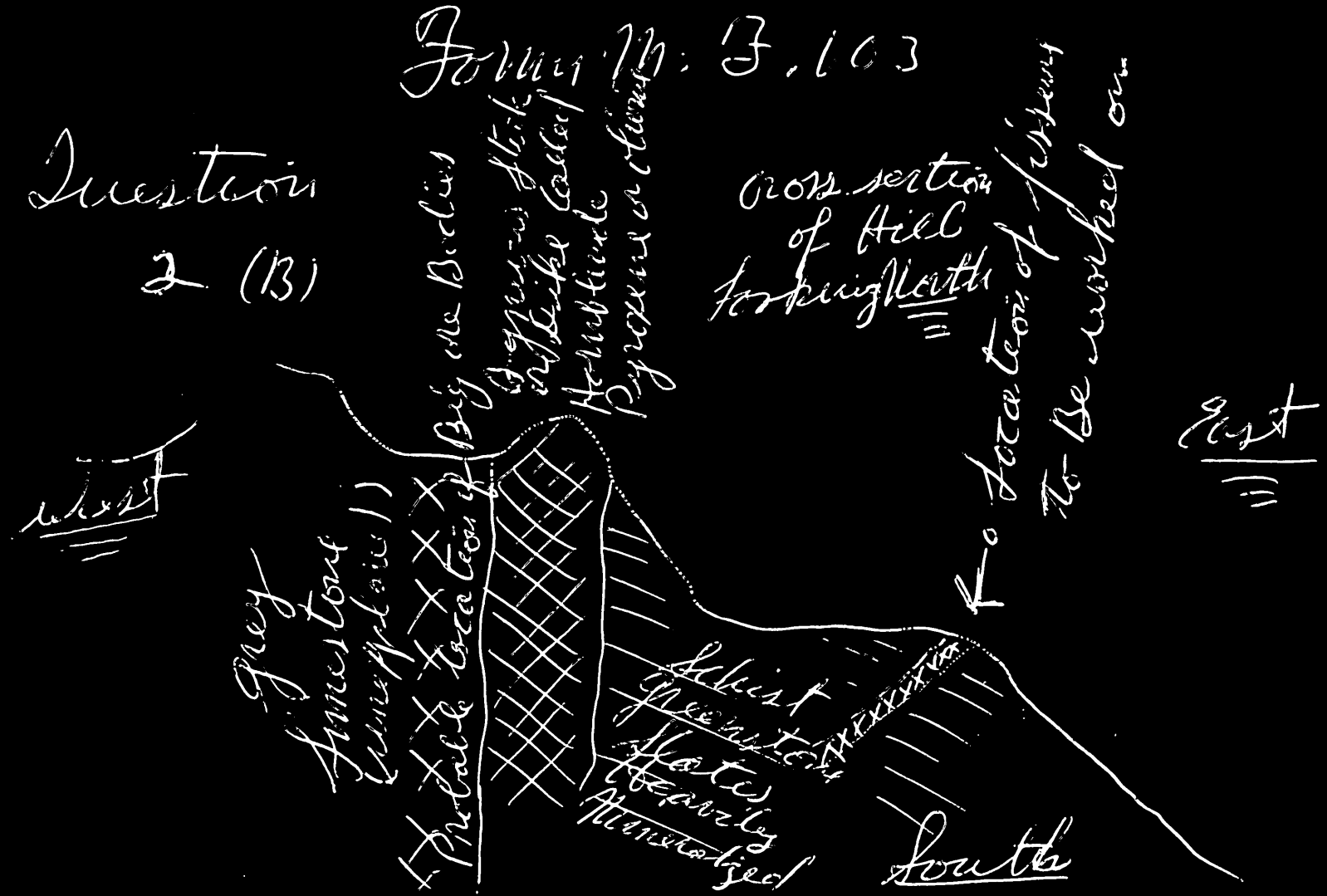


Condemned site of Proposed Development

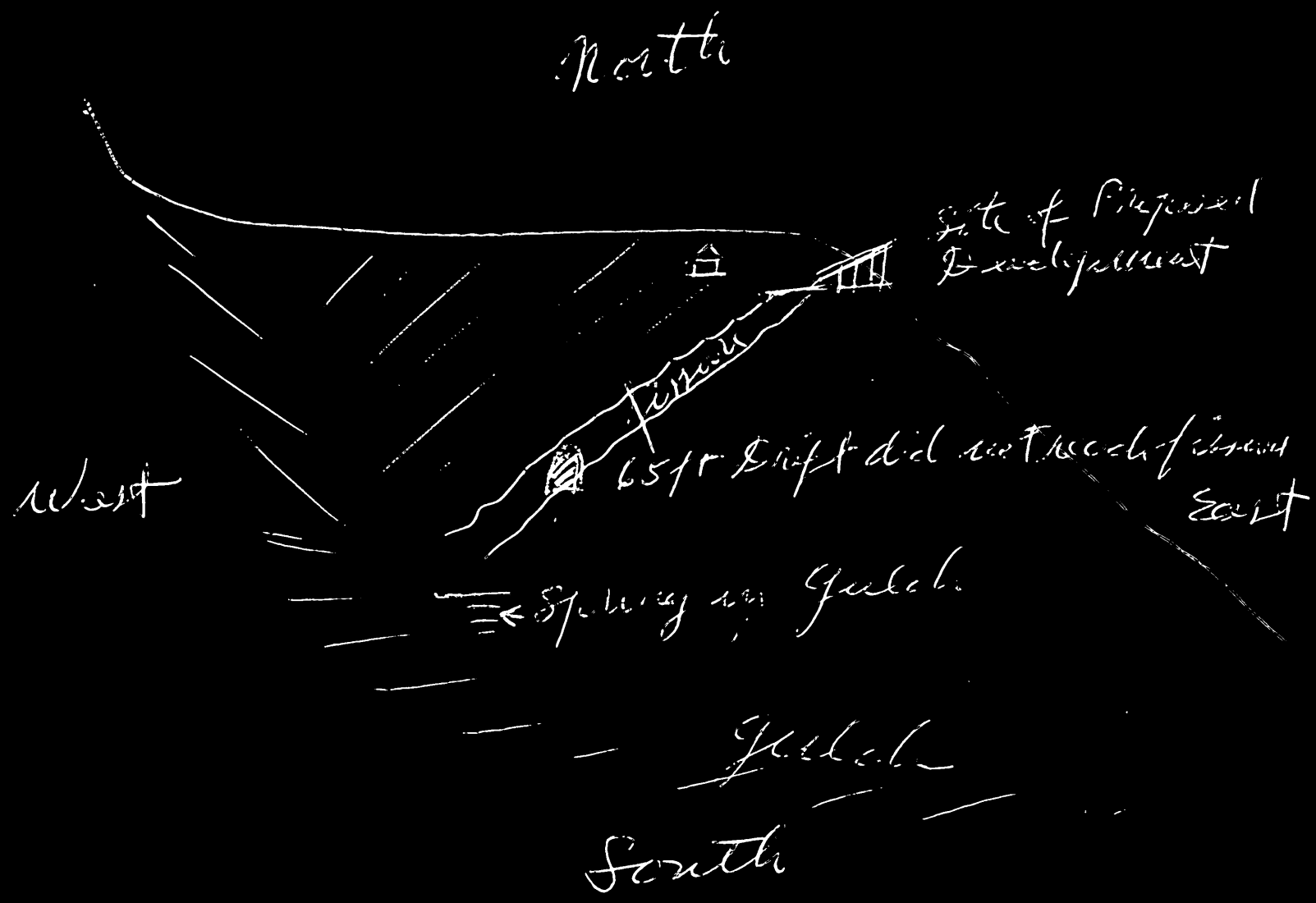
Franklin County Idaho

Form M: 3.103

Question 2 (B)



West
Face of Cliff
Old Cliff
Proposed Development
Hillside
South
Ridge
Gulch
Spring
Spring
Gulch
Spring
Gulch
Ridge
North
Foundation for
feeding tank
end of access road
East


North
Site of Proposed Development
Tunnel
65ft Drift did not reach fissure
West
East
Spring on Gulch
Gulch
South

Section 4

West

Grey limestone & some Quartzite
unexplored region

Silurian - Iron & Lime
A. & S. R. to Geologists. Believe large
ore bodies in this region

(Fine "float" containing lead
matter over

outcrop of
Igneous Rock
Pyroxene &
Hornblende.

North

South

quartzite - Serpentine
Slate
Metamorphic Zone

Metamorphic Zone

Location of Fissure
to Be Developed
Lead & silver.

Slate - shale
quartz - quartzite

East

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 24 1952

So. 157 Howard Street
Spokane 4, Washington

July 21, 1952

Memorandum

To: Chairman, Operating Committee, DMA

From: DMA Field Team, Region II

Subject: Report on field examination of Lucky Baker property, Franklin County, Idaho, DMA Docket No. 2438 (lead-zinc).

Attached are four copies of a report by T. S. Howard, Mining Engineer, U. S. Bureau of Mines, and T. H. Kiilsgaard, Geologist, U. S. Geological Survey, on the Lucky Baker property, Franklin County, Idaho.

The examiners recommend that the captioned application on the Lucky Baker property be denied, and the Field Team concurs.

By DMA Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

W. E. Volin, Member
(U. S. Bureau of Mines)

cc: USGM ✓

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Wash.
July 17, 1952

JUL 24 1952

MEMORANDUM

To: Field Team, DMEA, Region II

From: T. E. Howard, Mining Engineer, U. S. Bureau of Mines, and T. H. Kiilsgaard, Geologist, U. S. Geological Survey

Subject: Examination of Lucky Baker Prospect, Franklin County, Idaho, Armin A. Rosenhan, Docket No. DMEA 2438 (lead-zinc)

INTRODUCTION

The subject property was examined on June 3, 1952, in company with the applicant, Armin A. Rosenhan, and Bob Gulbranson, Geologist, U. S. Geological Survey.

RECOMMENDATION

It is recommended that the application of Armin A. Rosenhan for assistance in the exploration of the Lucky Baker property be denied.

LOCATION AND ACCESS

The property is on the east flank of the Bannock Range, T. 14 S., R. 38 E., Boise meridian, in Franklin County, Idaho, about 5 miles southeast of Oxford, Idaho, the nearest railhead. Access to that point is by 3.5 miles of paved road, 1 mile of unimproved jeep road and about .5 mile of steep foot trail. At the present time the jeep road and trail are barely passable.

TOPOGRAPHY AND CLIMATE

Relief in the area is sharp and though the steep slopes contain no timber suitable for mine use, large areas are covered with dense brush. The overburden is shallow and any road construction would require a considerable amount of rock work. The proposed shaft site is on the north slope of a steep gulch.

Snowfall in the region is normally heavy. The applicant reports that snowslides have occurred, causing damage to equipment and facilities on the property. The existing jeep road and trail could not be kept open during a winter operation.

PROPERTY

The property consists of 6 unpatented claims, the Skyline No. 1, 2, 3, 4, 5 and 6, located originally as the Lucky Baker group held until 1940 by the Lucky Baker Mining Company organized by the applicant. According to the applicant inadequate financing forced the company to abandon the claims. They remained idle until recently when they were relocated in the applicant's name.

GEOLOGY

The Lucky Baker vein is traceable on the outcrop for a distance of about 50 feet. Where exposed in two small open cuts, about 20 feet apart, the vein strikes E. 50°E., and dips 30° to 50° NW. In the northeast pit the vein is about 28 inches wide, consisting chiefly of gouge but with some calcite, chalcedony, and gossan. No base metal mineralization was noted although the applicant stated that a recent sample from the pit assayed 1 percent lead, and 2.1 ounces of silver per ton. Adjacent to the vein is a zone from 2 to 4 feet wide in which the chlorite schist wall rock has been extensively altered.

A short adit, now caved at the portal, was driven by the Lucky Baker Mining Company to explore the vein about 130 feet below the outcrop. The adit portaled about 315 feet southeast of the open pit on the vein outcrop. Although this adit appears to have been headed in the right direction and should have intersected the vein, there is no evidence on the dump to suggest that the vein was reached. The applicant states that he does not believe the adit extended far enough to reach the vein. However, from his description of the adit together with a Brunton and tape traverse from the adit portal to the outcrop, it may be inferred that the vein may have been reached in the adit but was not recognized, possibly owing to scanty mineralization.

The chlorite schist enclosing the vein extends from near the foot of the mountain, on the east, for a distance several hundred feet west of and above the Lucky Baker vein where it is in contact with a gabbro dike. Farther to the west, near the top of the mountain, the gabbro dike is in contact with quartzites and limestones of early Paleozoic age. The applicant states that scheelite has been found on or near to this dike-sediment contact, and reasoned that large tungsten deposits might occur there. Although a considerable length of this contact was examined, the applicant was unable to show the examining party any scheelite.

PAST PRODUCTION

The property has had no production.

COMPETENCE OF APPLICANT

The applicant's mining experience has been limited to unsuccessful sparetime prospecting over the past 15 years. He has had no operating experience. He proposes a unit-price type exploration project contract for 100 feet of shaft for $30.00 per foot with the Government's contribution to be $15.00 per foot, or a total of $1,500.00. This figure does not represent his estimate of the cost but is the maximum amount that he can match. The work would be performed by himself and his two sons on weekends and vacations.

cc: USGS, Spokane
4 cys - Wash.
M/D
Albany
Engr. T.E.H.

OFFICE OF THE ADMINISTRATOR

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

So. 157 Howard Street
Spokane 4, Washington

April 15, 1952

Department of the Interior
Defense Minerals Administration
Washington
APR 22 1952

Mr. Frank E. Johnson, Chairman
Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA 2438
Armin A. Rosenhan
Lead, Zinc

Dear Mr. Johnson:

We have received your referral of the subject application to this office for a field examination.

A letter has been forwarded to the applicant requesting him to advise this office when this property is available for an examination. An inspection of this property will be scheduled at the earliest possible date.

Sincerely yours,

Elton A. Youngberg

Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM

500

FILE COPY
SURNAME:

Moulds (meh)

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

Mr. Armin A. Rosenhan
750 East 6400 South
Midvale, Utah

APR 1 1 1952

Re: Docket No. DMEA 2438
Lead-Zinc
Exploration Project Contract

Dear Mr. Rosenhan:

Your application for Government assistance in exploring the Lucky Baker Claims, Franklin County, Idaho, Docket No. DMEA 2438, has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration and has been referred to Mr. A. E. Weissenborn, Executive Officer, Region II, DMEA Field Team, South 157 Howard Street, Spokane 8, Washington, for a field examination.

The Region Office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

D E Moulds (meh)

4/11

D. E. Moulds, Chief
Base Metals Division
Defense Minerals Exploration
Administration

DEMoulds/meh 4/11/52
cc to: Adm. R. File
Operating Committee
Docket File Copy
Mr. Moulds
Mr. Bishop
Mr. McKnight
Region II

500

FILE COPY

SURNAME:

Moulds

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

APR 10 1952

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA 2438
Armin A. Rosenhan
Lead, Zinc

Dear Mr. Weissenborn:

We are transmitting herewith a "Review of Application" concerning the subject application for exploration assistance. It is evident from the application that a field examination will be required to determine the geologic feasibility of this property.

In event the property warrants the Government participation in an exploration project, the application will require clarification of the work to be performed and the cost thereof. The applicant will also have to be informed of the requirements for Government participation in the costs, as in his application he indicates that the work will be done by the family and that certain costs will be borne entirely by the applicant and other costs by the Government.

Sincerely yours,

(signed) FRANK E. JOHNSON

D.N. 4-10-52

(HB)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosure
APPROVED:

T. H. Hedges (HB)
Member, Bureau of Mines

T. P. Thayer (HB)
Member, Geological Survey

DEMoulds/meh/hmj
4-7-52

CC to: Adm. R. File
Mr. Bishop
Region II
Docket File Copy

Operating Committee
Mr. McKnight
Mr. Moulds

McKnight

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA-2438

Commodity Lead, zinc

Total Amount $3,000

Govt. Participation 50% - $1500

Mr. A. E. Weissenborn
Executive Officer, Field Team
Region II
South 157 Howard Street
Spokane 8, Washington

1. Name and Address of Applicant Mr. Armin A. Rosenhan, 750 E. 6400 South, Midvale, Utah

2. Location of Property Lucky Baker Claims, Franklin County, Idaho

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know--needs field examination X

e) Is there an alternative and favorable project?
(If so, attach an explanation)

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

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

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? **No**

a) MF-201? _____

b) MF-202? _____

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

a) Available manpower _____

b) Equipment and supplies _____
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* _____

d) Water (question 13)* _____

e) Power (question 13)* _____

Is a field check needed on any of these points? **Yes - all of them**

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* **Don't know**

_____

Is a field check needed on this point? **Yes**

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

a) Is the project adequately described? **Yes**

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

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

_____

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

If not, what part of it is? _____

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? **No**

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? **No** If so, attach a draft.

e) Are the cost estimates reasonable? **Don't know**

f) Should more information be requested from applicant? **Yes**

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

11. Exhibit B (question 23-d)*

a) Is it applicable? YES

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

c) Is a field check needed? YES

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

a) Is it applicable? **Yes**

b) Sufficient data? **No** If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? **Yes**

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

a) Are there sufficient data? **No**

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

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

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed? **Yes**

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? No

c) Reasonable?

d) Field check needed? Yes

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

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Field team should make a geologic reconnaissance of this property, and help the applicant to clarify his application provided the exploration project is justified.

Reviewed by: E. L. Newcomb G.S.
E. L. Newcomb, GS 3-31-52
H. E. Olund
H. E. Olund, BM
O. M. Bishop
O. M. Bishop BM

Date 4-7-52

17. A field examination is needed to determine whether the applicant's proposal is justified geologically. The reported assay of 2.5% lead and 16 Oz. of silver, from surface samples, may indicate that the project lacks real merit. However, since we lack sufficient information to make a firm recommendation, we are referring the application to the field for evaluation.

E. L. Newcomb
E. L. Newcomb
Geologist

GMB

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2438

Date received 3-20-52

Armin A Rosenhan
750 East 6400 South
Midvale Utah

Name and address of applicant

Date March 17 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 20 1952

4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Form M.J. 100

General Technical Data

Question

1. Lead - Silver
2. 65 ft Drift (see Map) Form MJ 103
3. (a) 5 miles
   (B) none
   (C) cannot answer without survey
   (D) Franklin County. Idaho
4. (a) no
   (B) owner and locator
5. none
6. Student of Mining engineering and geology - Experienced miner - Lessor - and general mechanic. Employed By American Smelting & Refining Co.

(a) 7. Located originally as Lucky Baker Mining Claims (14 Claims). Organized Lucky Baker Mining Co. about 1936. No operation, no production, Poor Finances, Company went Defunct in 1940. Caused by spending money on Low Grade Nickel and Chrome Deposit.

Form M. I. 3. 100

General Technical Data

Questions

7. (B) none (C) none available

8. None (Amin a Rosarian Locator)

9. none

10. none

11. Question not applicable

12. Not Determined. (See Map).

(a) See Cross section Map.

(B) Am. Smelting Assay - 1948 - 2.5 Lead. 16 oz Silver at grassroots. No geology reports available in writing. On the ground reports by engineers (oral) all Favorable. no tonnage estimates made.

13. 5 miles to Railroad siding - 3½ miles of Paved Road - 1 mile dirt Road - 1500 ft trail.

14. Spring for culinary water in gulch at prospect site.

15. 1½ miles to 400 volt Power line (Power assured for any mining operation)

16. no labor employed.

Form M. J. 100

General Technical Data

Question

17. Buildings and Equipment Destroyed By Snowslide. Diesel Engine and mine Car Stolen. Compressor and receiving tank Damaged Beyond Repair. Nothing of any value left on property.

I propose to furnish as my contribution to this property Development – to wit –

New Bunk House

Headframe and Hoist

Compressor Outfit – Drills – Pipe – Hose

Timber for sinking exploration shaft 100 ft on vein.

Clean up and clear for Traffic access road and Trail built by myself in 1938. Powder. Fuel. Grub. Tools.

18. none.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

none
(Name of company)

By Arnold A Rosenhan
(Signature of authorized official)

(Date)

Discoverer & Locator of Claims
(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—63792-1

Form MF-103
(Revised June 1951)
COPY

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-2438
Metal or Mineral
Date Received 3-20-52
Amount $
Participation (Government %)

Name and address of applicant

Armin A. Rosenhan
750 East 6400 South
Midvale, Utah

Date February 29, 1952

If you have already filed MF-100, give date filed _____, 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 X

   (*b*) Purchased X

   (*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.

None
(Name of company)

By (Signed) Armin A. Rosenhan
(Signature of authorized official)

Discoverer and locator of described Claims
(Title)

March 17, 1952
(Date)

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

C O P Y

Answers to MF-103

1.

2. (a) Lead

In 1935 I (Armin A. Rosehan) engaged in strategic minerals exploration covering parts of Nevada and Idaho. I am well versed in geology and mining engineering though not a university graduate. I found the described mineralized fissure after finding "float" containing lead sulphide crystals in vein gangue matter. After months of search through dense undergrowth, I located outcrop of fissure described and located in sketches. Assays shows lead, silver, gold. The fissure is about 4 to 6 ft. wide - is badly oxidized. Contains bands of clay (brown and yellow) and calcite and chert and quartz. Small crystals of lead sulphide occurs in the calcity. "Leached" out pockets in the quartz show where mineral once was. The footwall is a hard green metamorpheosed rock containing finely divided iron sulphide crystals. The Hanging wall a brown clay-like decomposed material not identified. Water seeps from the Hanging wall exposed in bottom of gulch. Mining engineer friends give their wholehearted approval of this property as a good mining risk.

I spent much time building an access road and trail from country highway.

(Signed) Armin A. Rosehan

3. (a) I propose to erect a headframe for an exploration shaft to be 5 ft. by 6 ft. clear of timbering and to furnish as my part of this project a new bunkhouse, air compressor outfit, pipe-hose, drills, tools, powder, fuel, hoist and cable and skip. Material for ore bins and shaft timbering to a depth of 100 ft. Much of this material I have accumulated over a period of time. I also propose to make serviceable and clear of debris the access road and trail to work site. I have spent $6,500.00 of my personal funds and time thus far in this project. I ask government aid to the extent of $1,500.00 (fifteen hundred) to pay for labor at $15.00 per foot on a 100 ft. shaft. Labor to be performed by my sons and myself.

(b) I can start June 30, 1952 and complete Oct. 30, 1953.

(Signed) Armin A. Rosehan

4.

5. No facilities exist. Cabins and compressor house destroyed by snowslide; some equipment stolen. Nothing left of any value. I will replace all facilities at my expense.

6.

Bunk house	$200.00
Headframe	150.00
Toolhouses & compressor house	150.00
Timber for shaft	500.00

C O P Y

7. (c) Air compressor
Drill
Drill steel
Tools (shovels, picks)
Hoist and cable and skip
No estimate on cost. Probably $500.00. Will furnish as needed.

8. No salaries to be paid. My sons and myself to furnish labor at $15.00 per foot of shaft work.

9. A power line to mine site was once estimated by Utah Power and Lighting Co. $3,500.00 for 440 volt line.
Will provide anything necessary to dig 100 ft. at my own expense.

10. Can invest $500.00 cash. Plus all aforementioned equipment.

11. If commercial ore is formed a right of way (permanent) must be arranged for with private property owners between mine and highway. Permission for crossing private property has always been given by owners.

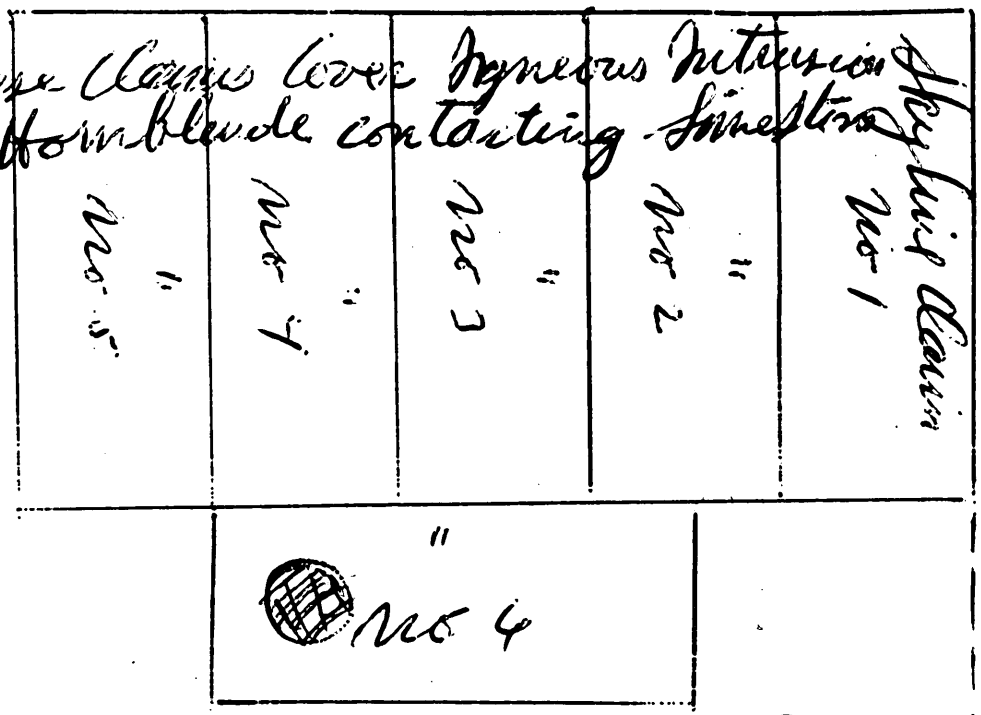
Oneida County. Idaho.

Bannock County Idaho

Form M. 3. 103

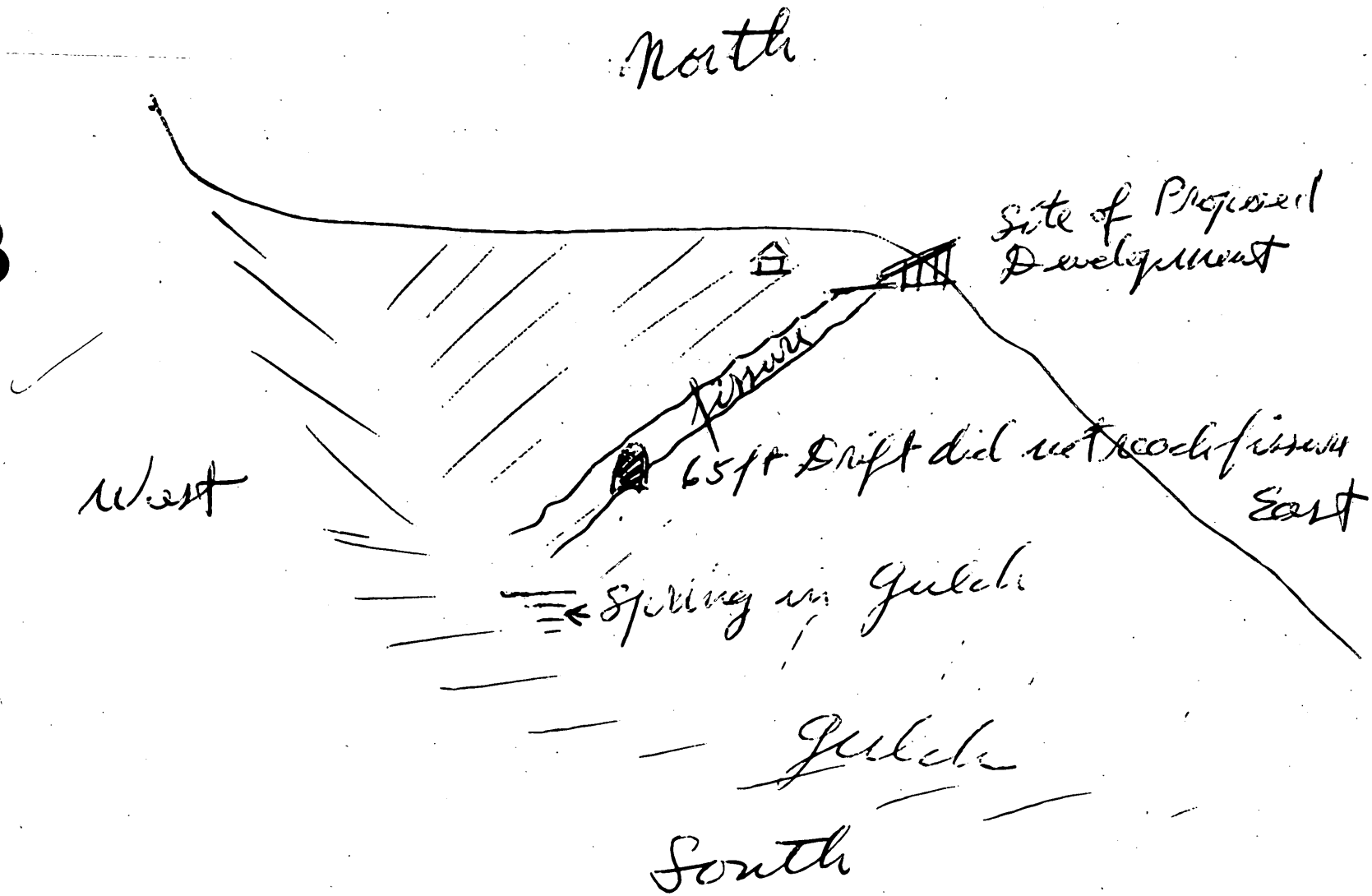
Question 1

These Claims cover igneous intrusion of Hornblende containing limestone



Circle on No 4 site of Proposed Development

Franklin County Idaho


North
Site of Proposed Development
Fissure
65ft Drift did not reach fissure
West
East
Spring in Gulch
Gulch
South

Question 4

West.

Grey limestone & some Quartzite
unexplored region

Limonite - Iron & lime
A & S & R. & Geologists Believe large
ore bodies in this region

Find "Float" containing lead in this area

outcrop of Igneous Rock Pyroxene & Hornblende.

North

North

greenstone - Serpentine
Slate

Mineralized Zone

Mineralized Zone

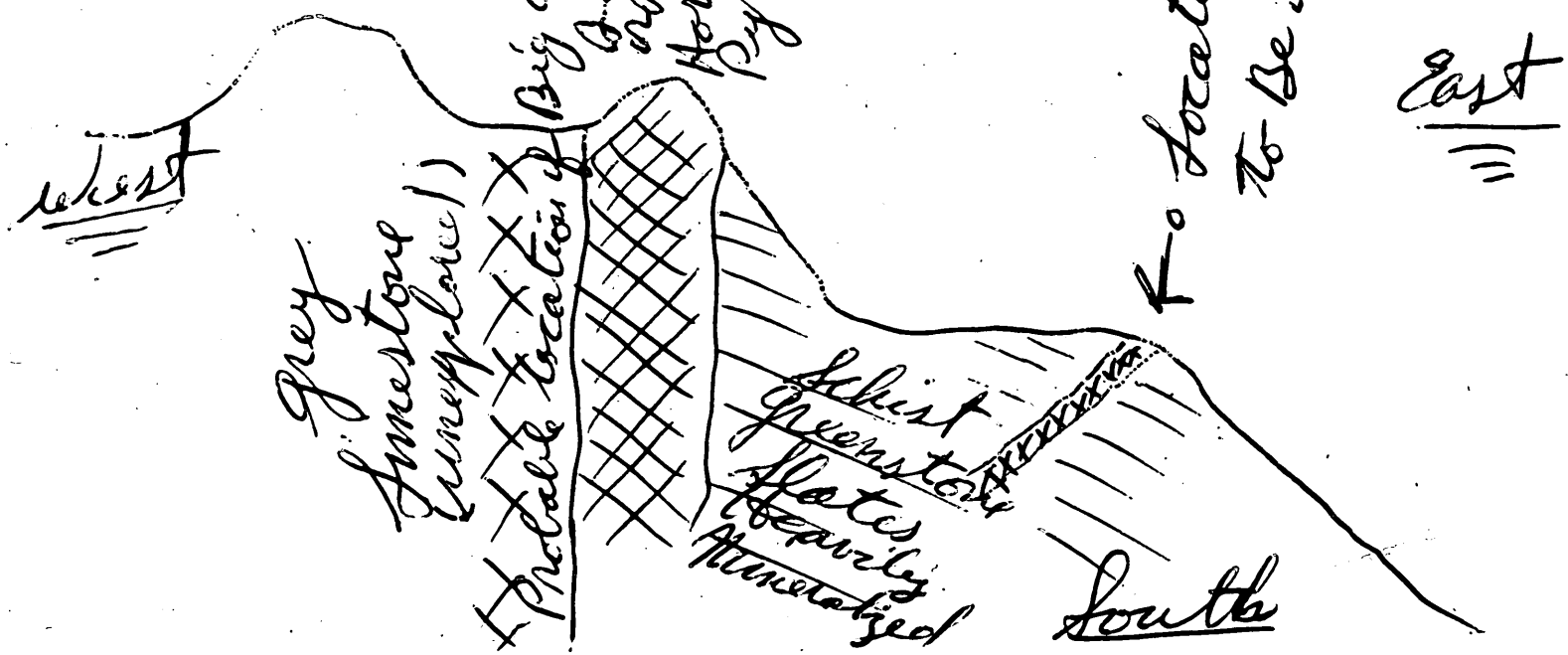
Location of Fissure to Be Developed
Lead - silver.

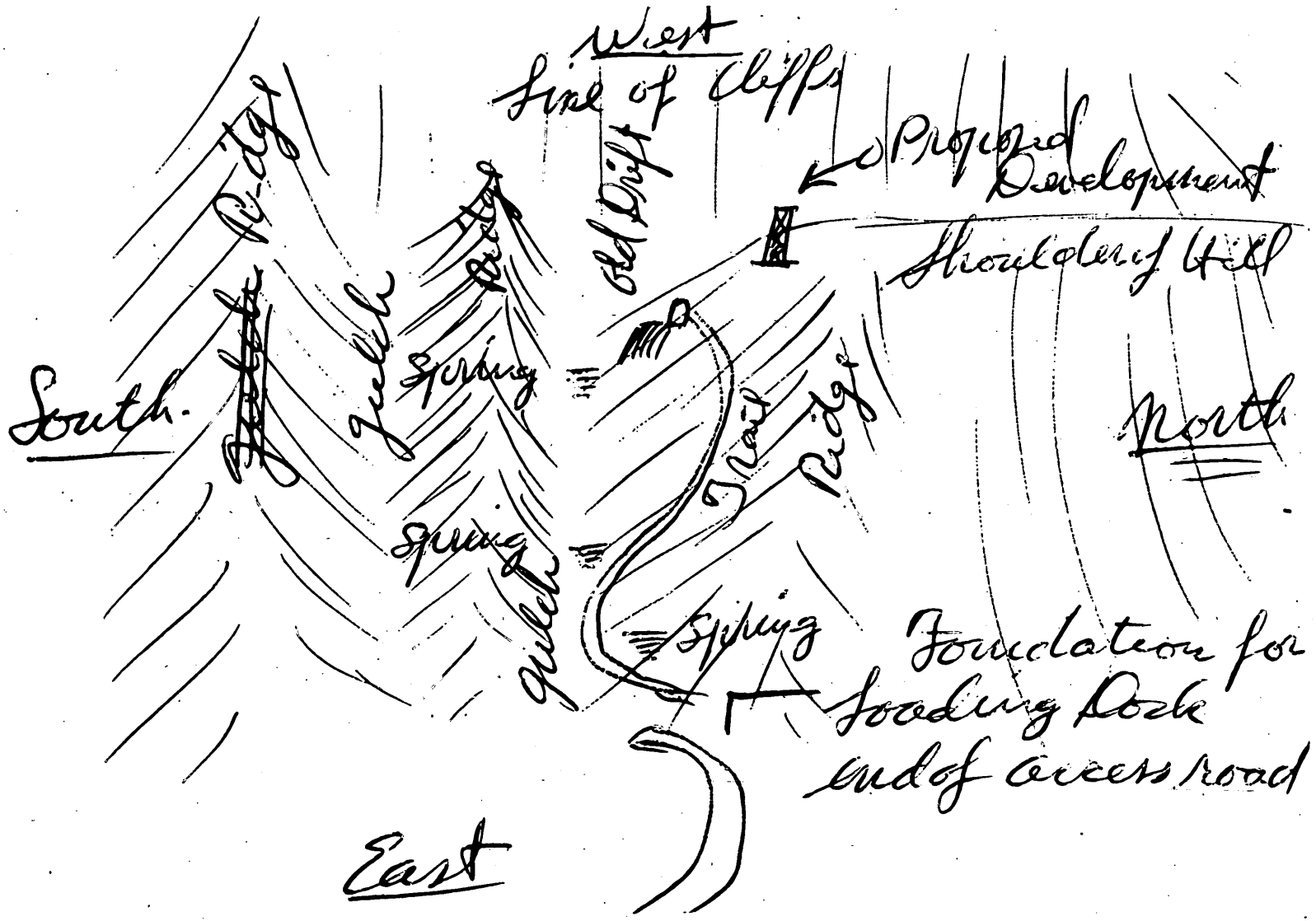
Slate - shale
quartz - greenstone

East

Form M: 3.103

Question 2 (B)




West
Line of Cliffs
Proposed Development
Shoulder of Hill
Old Drift
Ridge
Gulch
Spring
Spring
Gulch
Trail
Ridge
Spring
South
North
Foundation for loading dock end of access road
East

EXPLORATION

Subject: DMEA-2438
Re: Exploration Loan
March 21, 1952

Mr. Armin A. Rosenhan
750 East 6400 South
Midvale, Utah

My dear Mr. Rosenhan:

This will acknowledge receipt of your application dated February 29, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2438 and referred to the Base Metals Division.

Kindly refer to DMEA-2438 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

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-2438
Metal or Mineral
Date Received 3-20-52
Amount $
Participation (Government %)

Name and address of applicant

Armin A Rosenhan
750 East 6400 South
Midvale Utah

Date February 29-1952

If you have already filed MF-100, give date filed _____, 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 20 1952

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.

none
(Name of company)

By Armin A Rosenhan
(Signature of authorized official)

Discoverer and Locator of Described Claims
(Title)

March 17 1952
(Date)

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

Form M. 3 103

Question
2 (a) Lead

In 1935 I (Armin A Rosenkrans) engaged in strategic minerals exploration covering parts of Nevada & Idaho. I am well versed in geology and mining engineering tho not a University Graduate. I found the described mineralized fissure after finding "float" containing lead sulphide crystals in vein gangue matter. After months of search through dense undergrowth

2 located outcrop of fissure described
and located in sketches. Assays
shows lead silver gold. The fissure
is about 4 to 6 ft wide - is Badly
oxidized. Contains Bands of clay (
Brown and yellow) and Calcite and chert
and quartz - small crystals of lead
sulphide occurs in the Calcite. "Scorched"
out pockets in the quartz. Show where

Mineral once was. The footwall is a hard green metamorphosed rock containing finely divided Iron Sulphide crystals. The Hanging wall a brown clay like decomposed material not identified. Water seeps from the Hanging wall opposed in bottom of Gulch. Mining engineer finds gives them unbelievable approvale of

This property as a good mining Risk.
I spent much time Building an access road and trail from county Highway.

Dennis A. Rosenlean

Form M. 3. 103.

Question

(a) 3 I propose to erect a headframe for a exploration shaft to be 5 ft by 6 ft clear of timbering and to furnish as my part of this project a new Bunk-House, Air compressor outfit, pipe lines. Drills. Tools Powder. Fuel. Hoist and Cable and skip. Material for ore Bins

and shaft timbering to a depth of 100 ft. Much of this material I have accumulated over a period of time. I also propose to make serviable and clear of debris the access road and trail to work site. I have spent $6500.00 of my personal funds and time thus far in this project. I

ask Government aid to the extent of $1500.00 (Fifteen Hundred) to pay for labor at $15.00 per foot on a 100 ft shaft. Labor to be performed by my sons and myself.

3. (B) I can start June 30 1952 and complete Oct 30 1953.

Armin A Posnikar

Form M. J. 103

Question.

5. No Facilities exist. Cabins and compressor house destroyed By Snowslide some equipment stolen. Nothing left of any value. I will replace all facilities at my expense.

6. Question Form M.J. 103.

Bunk House $200.00
Headframe $150.00
Tool House & Compressor House $150.00
Timber for Shaft $500.00.

7 Question Form M. J. 103

(c)

Air Compressor -

Drill

Drill steel

Tools (shovels Picks)

Hoist & Cable & skip.

no estimate on Cost. Probable $500.00

Will Furnish as needed

8. Question Form M.F. 103

No salaries to be paid. My sons and myself to furnish labor at $15.00 per foot of shaft work.

Form M-Z 103

Question

9. A power line to minesite was once estimated by Utah Power & Light Co. $3500.00 for 440 Volt line.

Will provide anything necessary to dig 100 ft at my own expense.

Form M.J. 103

Question

10. Came Invest $500.00 Cash. Plus

All of mentioned equipment.

Form M 7 103

Question.

11. If commercial ore is found a right of way (permanent) must be arranged for with private property owners Between mine and highway. Permission for crossing private property has always been given By owners

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2438

Date received 3-20-52

Owen A Rosenhan
750 East 6400 South
Midvale utah

Name and address of applicant

Date March 17, 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 20 1952

4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Form M. F. 100

General Technical Data

Question

1. Lead - Silver
2. 65 ft Drift (see Map) Form M F 103
3. (a) 5 miles
   (B) none
   (C) cannot answer without survey
   (D) Franklin County. Idaho
4. (a) no
   (B) owner and locator
5. None
6. Student of Mining engineering and geology - Experienced miner - Lessor - and general mechanic. Employed By American Smelting & Refining Co.

(a) 7. Located originally as Lucky Baker Mining Claims (14 claims). Organized Lucky Baker Mining Co. about 1936. No operation, no production, Poor Finances, Company went Defunct in 1940. Caused by spending money on low grade Nickel and chrome Deposit.

Form M. J. 100

General Technical Data

Questions

7. (B) none (C) none available

8. None (Annie A Rosarian Locator)

9. none

10. none

11. Question not applicable

12. Not Determined (See Map).

(a) See Cross section Map.

(B) Am. Smelting Assay - 1948 - 2.5 Lead. 16 oz Silver at grassroots. No geology reports available in writing. On the ground reports by engineers (oral) all Favorable. no tonnage estimates made.

13. 5 Miles to Railroad siding - 3 ½ Miles of Paved Road - 1 mile dirt Road - 1500 ft trail.

14. Spring for culinary water in gulch at prospect site.

15. 1½ Miles to 400 volt Power line (Power assured for any Mining operation)

16. no labor employed.

Form M. J. 100

General Technical Data

Question

17. Buildings and Equipment Destroyed By Snowslide. Diesel Engine and mine Car Stolen. Compressor and receiving tank Damaged Beyond Repair. Nothing of any value left on property.

I propose to furnish as my contribution to this property Development — to wit —

New Bunk House

Headframe and Hoist

Compressor Outfit - Drills - Pipe - Hose

Timber for sinking exploration shaft 100 ft on vein.

Clean up and clear for Truffic access road and Trail built by myself in 1938. Powder. Fuel. Grub. Tools.

18. none.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

none
(Name of company)

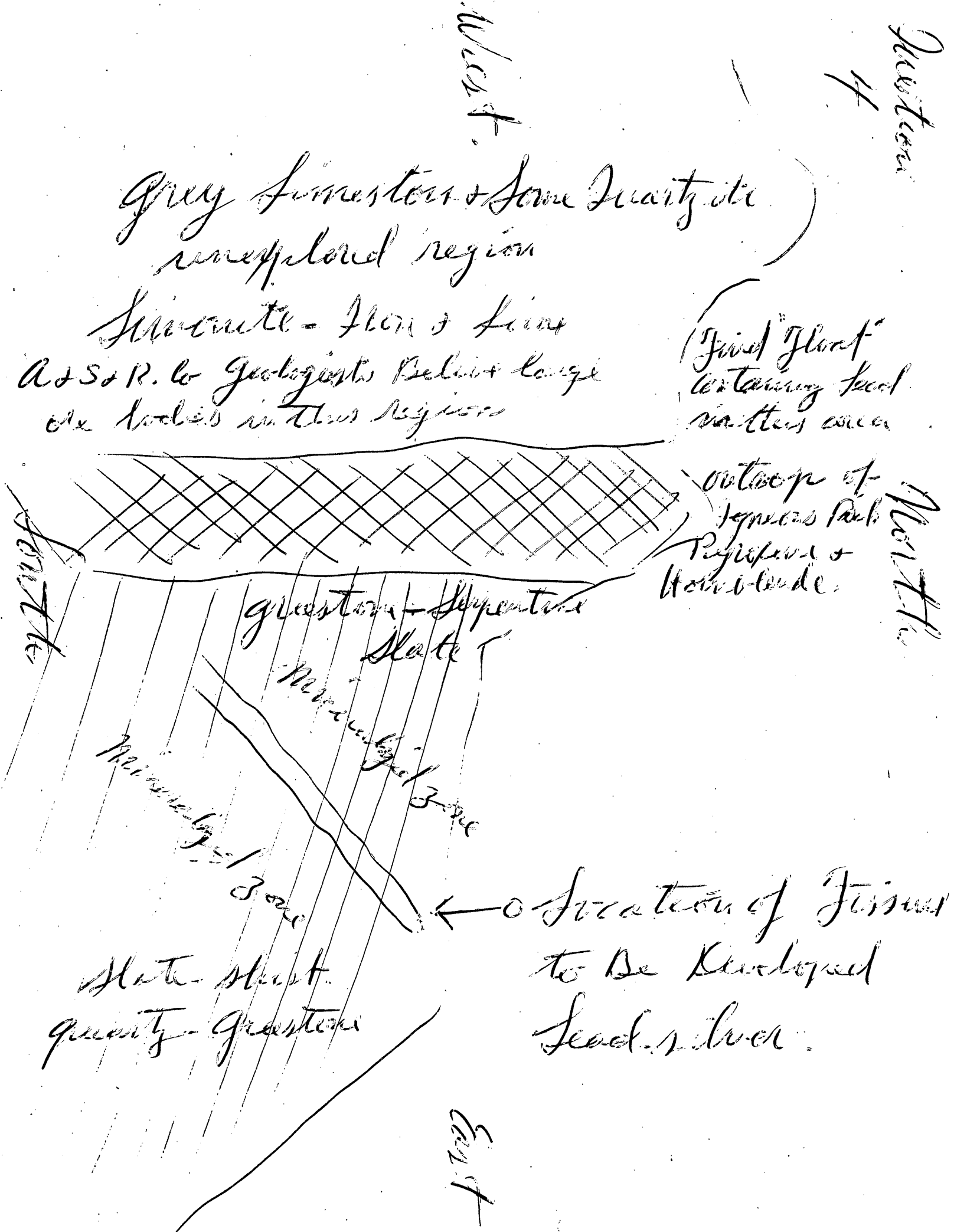
By Armin A Rosenkranz
(Signature of authorized official)

(Date)

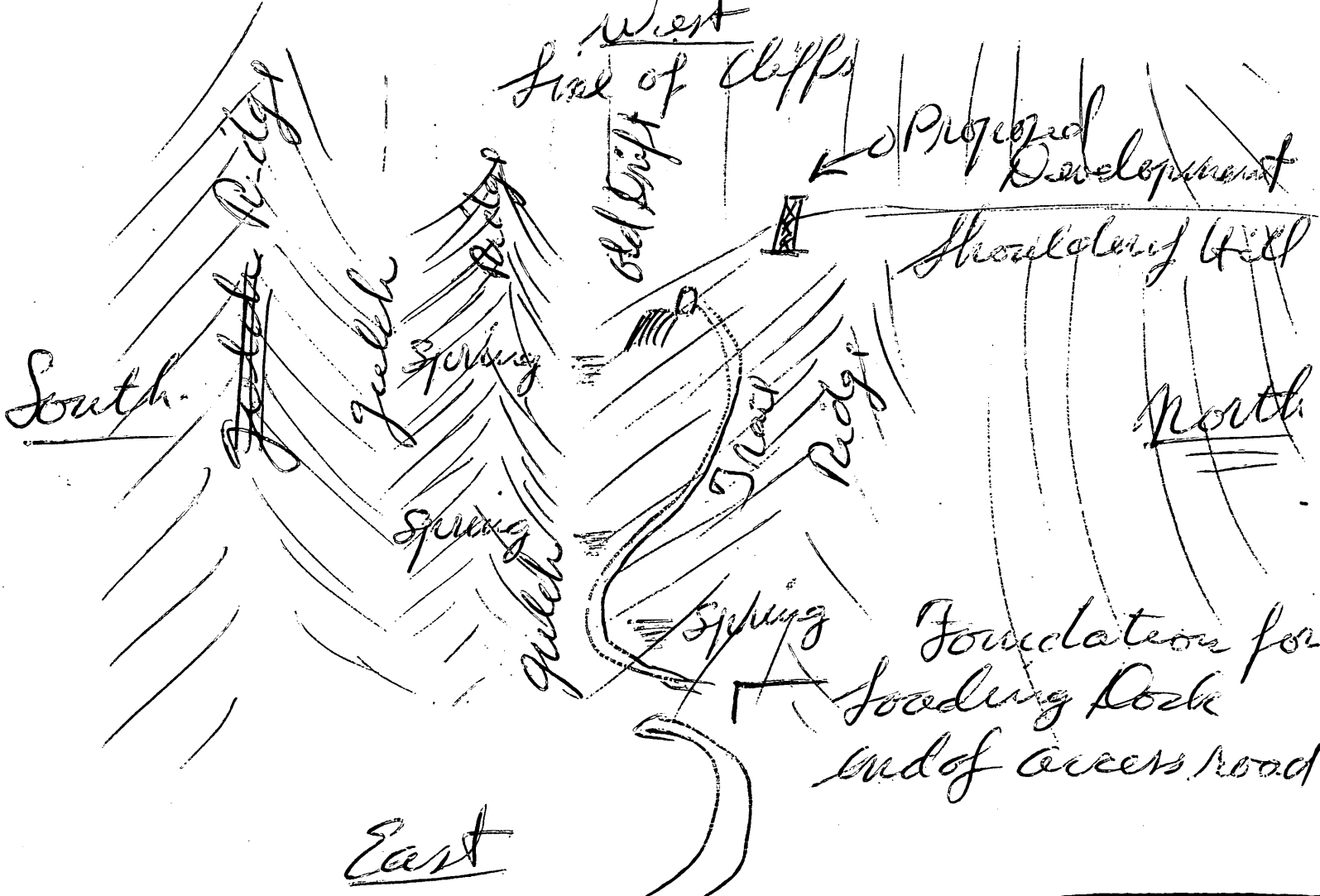
Discoverer Locator of Claims
(Title)

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—63792-1


Western
West
Grey limestone & some Quartzite
unexplored region
Hematite - Iron & lime
A & S & R. to Geologists Belief large
ore bodies in this region
Fine "Float"
containing lead
matters ores
outcrop of
Igneous Rock
Porphyry &
Hornblende
North
South
greenstone - Serpentine
Slate
Metamorphic Zone
Metamorphic Zone
Formation of Fissures
to Be Developed
Lead & silver
Slate - Slate
quartz - Greenstone
East

DMEA-2438

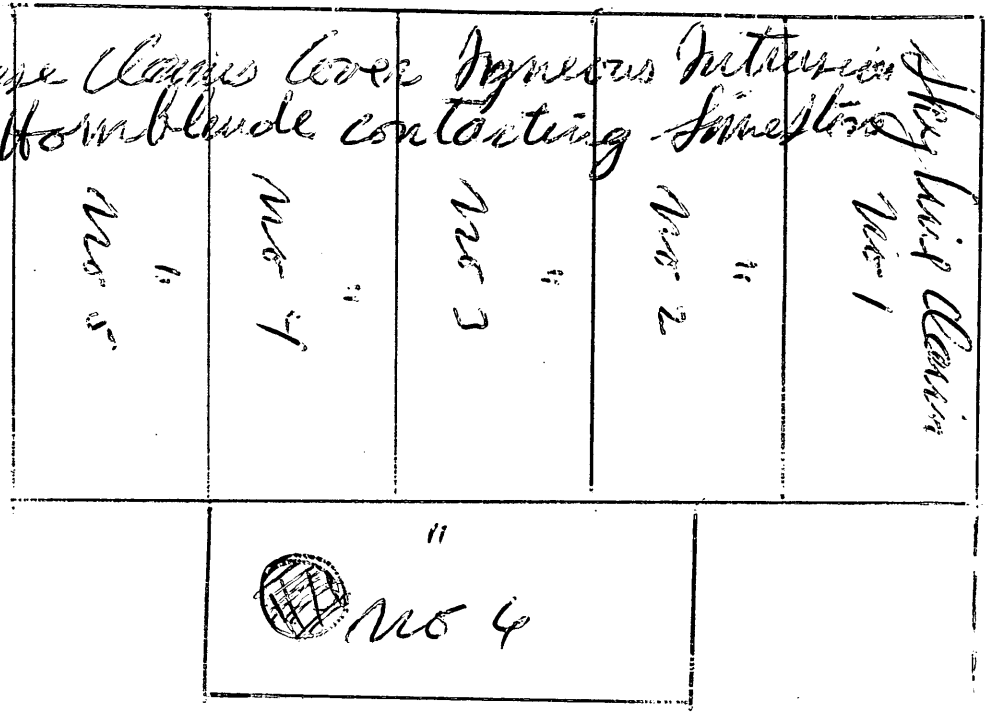

West
line of cliffs
Proposed Development
Shoulder of Hill
Old Drift
South
Ridge
Spring
Trail
Ridge
North
Spring
Spring
Foundation for
loading dock
end of access road
East

Oneida County. Idaho.

These Claims Cover Igneous Intrusion of Hornblende containing Limestone

Form M. 3. 103

Question 1



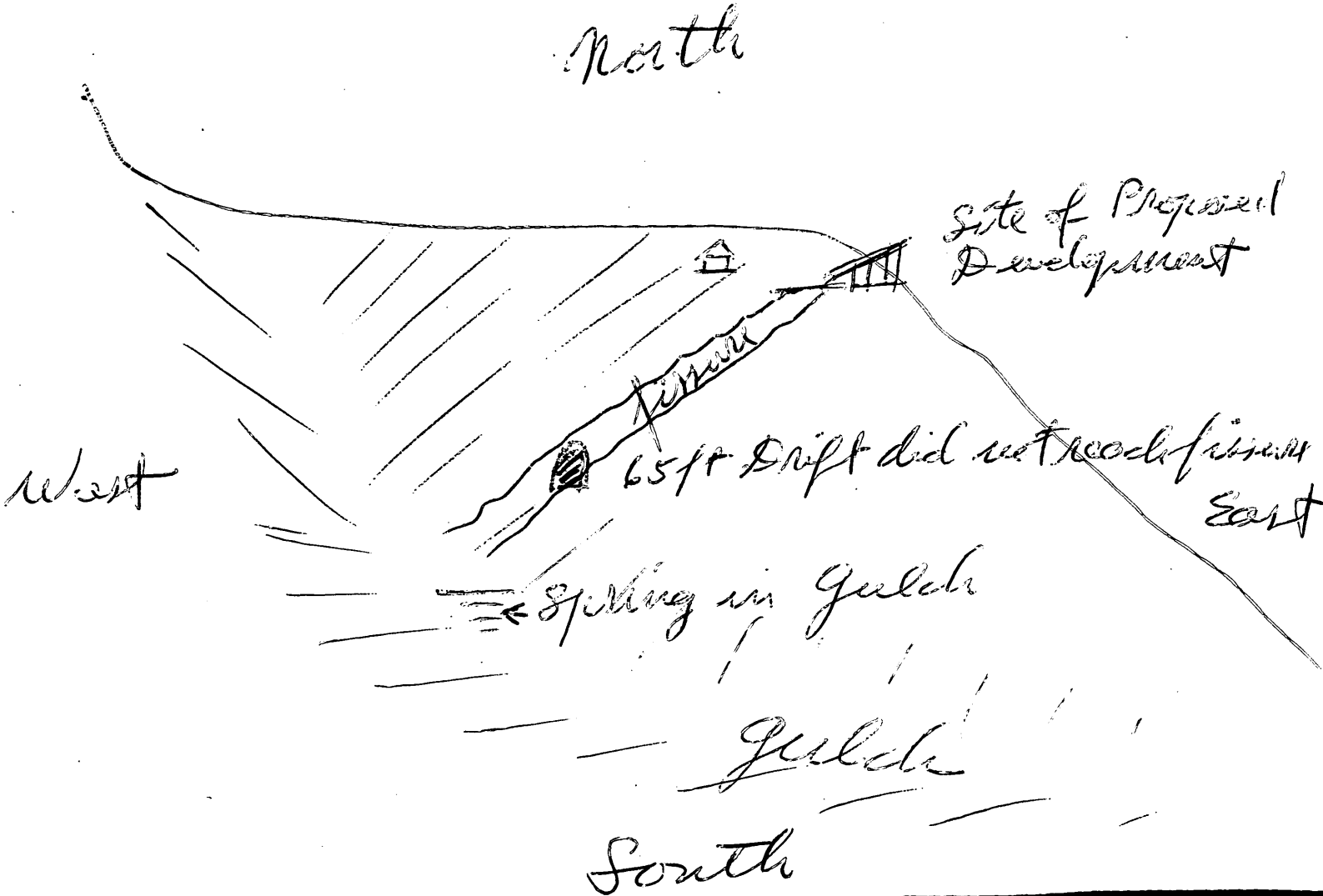
Circle on No 4 site of Proposed Development

Franklin County Idaho

Bannock County Idaho

Form No. B.103

Question 2 (B)


North
Site of Proposed Development
Timber
65 ft Drift did not reach timber
West
East
Spring in Gulch
Gulch
South