8/29/52 gla

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Ernest M. Ellis, DMEA Member, Uranium Commodity Committee

DATE: August 29, 1952

FROM : A. P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: DMEA Docket 2516 (uranium), Final Field Team Report, Hidden Hog Claims, Yellow Circle Mining District, San Juan County, Utah

I concur with recommendation of the Field Team examining staff as set forth in the report identified in the subject above that exploration assistance be denied for the proposals as set forth in the report.

Arthur P. Butler, Jr.

Arthur P. Butler, Jr.

Copy to: E. M. Ellis

IN REPLY REFER TO:

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

August 28, 1952

Ernest Wm. Ellis, DMEA Member, Uranium
Commodity Committee
A. P. Butler, Jr., USGS Member, Uranium
Commodity Committee
DMEA Docket 2516 (uranium), Final Field Team Report, Hidden Log Claims, Yellow Circle Mining District, San Juan County, Utah

I concur with recommendation of the Field Team examining staff as set forth in the report identified in the subject above that exploration assistance be denied for the proposals as set forth in the report.

Arthur P. Butler, Jr.

Copy to: ✓E. Wm. Ellis

224 New Customhouse
Denver 2, Colorado

August 15, 1952

Mr. H. W. Balsley
Box 95
Moab, Utah

Dear Mr. Balsley:

Reference is made to your application for Government aid on the Hidden Log Claims.

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

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

Very truly yours,

W. H. King
Field Team, Region IV

A. H. Koschmann
Field Team, Region IV

HMC:jp
cc Acting Administrator DMEA
SRWilson
Subject
Chron
AHKoschmann (2)

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

224 New Customhouse
Denver 2, Colorado

August 14, 1952

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 2516 (Uranium), Hidden Log Claims, H. W. Balsley, San Juan County, Utah

Enclosed are four copies of the final report on DMEA 2516, the original and one copy of Form 3b, and a copy of the letter of denial to the applicant.

W. H. King
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

cc: SRWilson w/copy final report
AHKoschmann w/copy final report
Mining Div. w/copy final report
DMA Final Report
RRoberts w/copy final report
T.Oster w/copy final report
RPFischer w/copy final report

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

200 New Customhouse
Denver 2, Colorado

August 6, 1952

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 2516, Hidden Log Claims, Yellow Circle Mining District, San Juan County, Utah

Enclosed are 11 copies of the geologic and engineering report by Robert Middleton, U. S. Bureau of Mines, and Vard H. Johnson, U. S. Geological Survey, covering the above docket.

It has been recommended that the loan be denied.

No engineering report will be submitted, as this is a joint report between the U. S. Geological Survey and the U. S. Bureau of Mines.

The brochure is enclosed.

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

Enclosures (12)

Room 206, 222 So. West Temple
Salt Lake City 1, Utah
22 July 1952

Memorandum

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

From: Ralph J. Roberts

Subject: Docket DMEA 2516, Hidden Log Claims, Yellow Circle Mining District, San Juan County, Utah

Enclosed are 11 copies of a geologic and engineering report on the Hidden Log Claims, San Juan County, Utah.

Mr. H. W. Balsley, owner of the Hidden Log Claims, DMEA Docket 2516 has applied to the Defense Minerals Exploration Administration for a loan to explore for Uranium on the Hidden Log group of claims, Yellow Circle Mining District, San Juan County, Utah.

The mine area is underlain by rocks of Jurassic age. Uranium minerals, mainly carnotite, are found in carbonaceous bearing sandstone lenses in the Salt Wash member of the Morrison formation of upper Jurassic age.

Approximately 100 tons of uranium ore have been shipped from the Hidden Log claims and all the available ore bodies have been mined out. Due to the irregular occurrence of the uranium the chances of finding enough ore to justify an exploration loan are not good. The cost of finding more ore bodies on the Hidden Log claims would probably exceed the value of the ore. It is believed, therefore, that the project lacks merit, and it is recommended that the request for a loan be denied.

I concur with the conclusions and recommendations of the examining geologist and engineer that the loan be denied.

No engineering report will be submitted on this docket. This is a joint report between the U. S. Geological Survey and the U. S. Bureau of Mines. The Hidden Log Claim brochure is enclosed.

for - Ralph J. Roberts

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

REVENUE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

DOCKET RMEA-2516, Hidden Lou Claims

Yellow Circle Mining District, San Juan County, Utah

Robert Middleton, Engineer
U. S. Bureau of Mines

Ward N. Johnson, Geologist
U. S. Geological Survey

July 21, 1952

CONTENTS

	Page
Introduction	1
Location and Accessibility	1
History and Production	1
Geology	2
Ore Deposits	2
Ore Reserves	2
Proposed Exploration	3
Summary and Conclusions	3

ILLUSTRATIONS

Figure 1. Index Map of Utah

Docket DMEA-2516, Hidden Log Claims

Yellow Circle Mining District, San Juan County, Utah

INTRODUCTION

Mr. H. W. Balsley, owner of the Hidden Log Claims, DMEA Docket 2516, has applied to the Defense Minerals Exploration Administration for a loan of $21,692.00 to explore for uranium on the Hidden Log group of claims, Yellow Circle Mining District, San Juan County, Utah.

A field examination was requested, May 12, 1952 by DMEA Field Team Region IV to determine whether the ore reserves are sufficient to justify an exploration project. The examination was made on June 17, 1952 by Ward M. Johnson, geologist, U. S. Geological Survey and Robert Middleton, engineer, U. S. Bureau of Mines.

Location and Accessibility

The Hidden Log Claims are located in Township 27, Section 27 and 34, Range 23 East of the SLBM in the Yellow Circle Mining District, San Juan County, Utah (Fig. 1). The claims can be reached via U. S. Highway 60 by traveling 13 miles south of Moab, Utah, thence 4 miles southeast on an unimproved road to the Hidden Log Property.

History and Production

The Hidden Log Claims, consisting of two unpatented lode claims were purchased by Mr. H. W. Balsley, of Moab, Utah for the purpose of exploring for uranium. Several interconnecting tunnels which were used to mine out a small irregular body of uranium ore are the only workings on the property. The mine has produced approximately one hundred tons of uranium ore.

GEOLOGY

The mine area is underlain by comparatively flat lying sedimentary rocks of Jurassic age. The Morrison formation of upper Jurassic age is underlain unconformably by the Upper Jurassic Summerville, Entrada and Carmel formations respectively. The beds on the Hidden Log Claim strike east and dip 20°-30° N.

In the area of the Hidden Log Claims a series of northwest striking faults which are related to the north side of the Spanish Valley graben, intersect a series of east-striking faults associated with the igneous bodies of the La-Salle Mountains.

ORE DEPOSITS

Uranium is localized in blanket-like deposits which thicken locally and form well defined lenses in the Salt Wash member of the Morrison formation of Jurassic age. The sandstone lenses contain uranium-bearing carbonaceous material. Uranium occurs mainly as carnotite in small carbonaceous bearing lenses. The ore bodies are small and irregularly distributed throughout the mine area. Approximately one hundred tons of ore have been shipped and all the available ore has been mined out. The applicant reports assays as high as 0.50 percent U_3O_8 although the ore had to be hand sorted to maintain ore of minable grade.

ORE RESERVES

There are no measured or indicated uranium ore reserves on the Hidden Log Claims. Because the occurrence of uranium is here very spotty, it is not possible to infer any ore reserves on this property.

All of the available shipping grade ore has been mined and it is not likely that enough ore can be found to justify an exploration loan on the Hidden Log Claims.

PROPOSED EXPLORATION

The applicant proposes to drive an adit for 200 feet to gain a depth of from 10-15 feet below the present workings to further explore uranium-bearing sandstone lenses in the Salt Wash member of the Morrison formation.

SUMMARY AND CONCLUSIONS

Mr. H. W. Balsley, owner of the Hidden Log Claims has applied to the Defense Minerals Exploration Administration for a loan of $21,692.80 to explore for uranium on the Hidden Log Claims, Yellow Circle Mining District, San Juan County, Utah.

The mine area is underlain by comparatively flat lying rocks of Jurassic age. Uranium minerals, mainly carnotite, are found in carbonaceous bearing sandstone lenses in the Salt Wash Member of the Morrison formation of upper Jurassic age.

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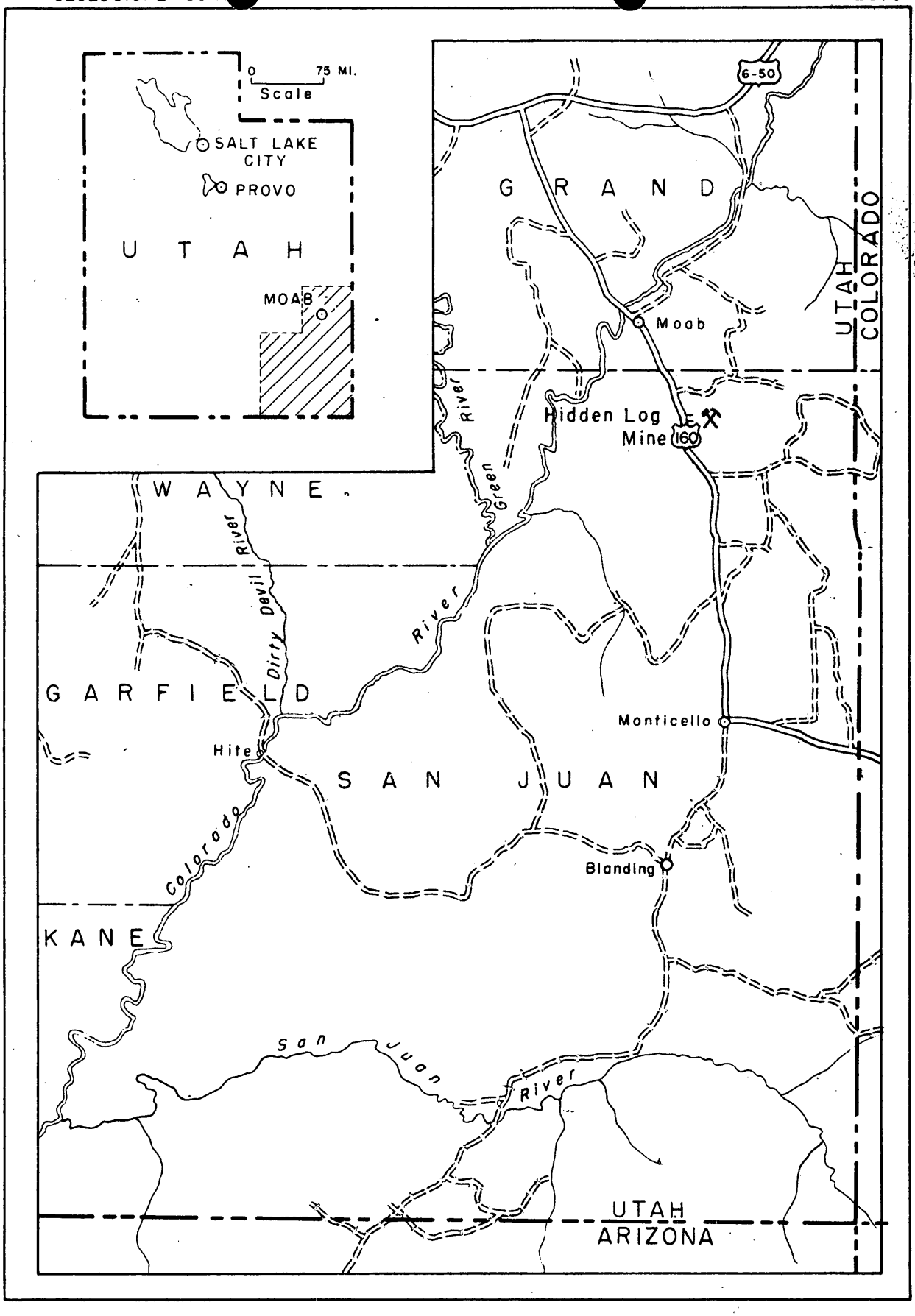

FIG. I INDEX MAP OF UTAH

0 5 10 15 20 MILES
Scale

5D

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

224 New Customhouse
Denver 2, Colorado

August 14, 1952

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 2516 (Uranium), Hidden Log Claims, H. W. Balsley, San Juan County, Utah

Enclosed are four copies of the final report on DMEA 2516, the original and one copy of Form 3b, and a copy of the letter of denial to the applicant.

W. H. King
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

cc: SRWilson w/copy final report
AHKoschmann w/copy final report
Mining Div. w/copy final report
DMA Final Report
RRoberts w/copy final report
TWOster w/copy final report
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AUG 21 1952

224 New Customhouse
Denver 2, Colorado

August 15, 1952

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Box 95
Moab, Utah

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

Very truly yours,

W. H. King
Field Team, Region IV

A. H. Koschmann
Field Team, Region IV

HMC:jp
cc Acting Administrator DMEA
SRWilson
Subject
Chron
AHKoschmann (2)

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

200 New Customhouse
Denver 2, Colorado

August 6, 1952

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 2516, Hidden Log Claims, Yellow Circle Mining District, San Juan County, Utah

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It has been recommended that the loan be denied.

No engineering report will be submitted, as this is a joint report between the U. S. Geological Survey and the U. S. Bureau of Mines.

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

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Room 208, 222 So. West Temple
Salt Lake City 1, Utah
22 July 1952

Memorandum

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

From: Ralph J. Roberts

Subject: Docket DMEA 2516, Hidden Log Claims, Yellow Circle Mining District, San Juan County, Utah

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I concur with the conclusions and recommendations of the examining geologist and engineer that the loan be denied.

No engineering report will be submitted on this docket. This is a joint report between the U. S. Geological Survey and the U. S. Bureau of Mines. The Hidden Log Claim brochure is enclosed.

for - Ralph J. Roberts

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

DOCKET DMEA-2516, Hidden Log Claims

Yellow Circle Mining District, San Juan County, Utah

Robert Middleton, Engineer
U. S. Bureau of Mines

Ward N. Johnson, Geologist
U. S. Geological Survey

July 21, 1952

CONTENTS

	Page
Introduction	1
Location and Accessibility	1
History and Production	1
Geology	2
Ore Deposits	2
Ore Reserves	2
Proposed Exploration	3
Summary and Conclusions	3

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Docket DMEA-2516, Hidden Log Claims

Yellow Circle Mining District, San Juan County, Utah

INTRODUCTION

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PROPOSED EXPLORATION

The applicant proposes to drive an adit for 200 feet to gain a depth of from 10-15 feet below the present workings to further explore uranium-bearing sandstone lenses in the Salt Wash member of the Morrison formation.

SUMMARY AND CONCLUSIONS

Mr. K. W. Balsley, owner of the Hidden Log Claims has applied to the Defense Minerals Exploration Administration for a loan of $21,692.00 to explore for uranium on the Hidden Log Claims, Yellow Circle Mining District, San Juan County, Utah.

The mine area is underlain by comparatively flat lying rocks of Jurassic age. Uranium minerals, mainly carnotite, are found in carbonaceous bearing sandstone lenses in the Salt Wash Member of the Morrison formation of upper Jurassic age.

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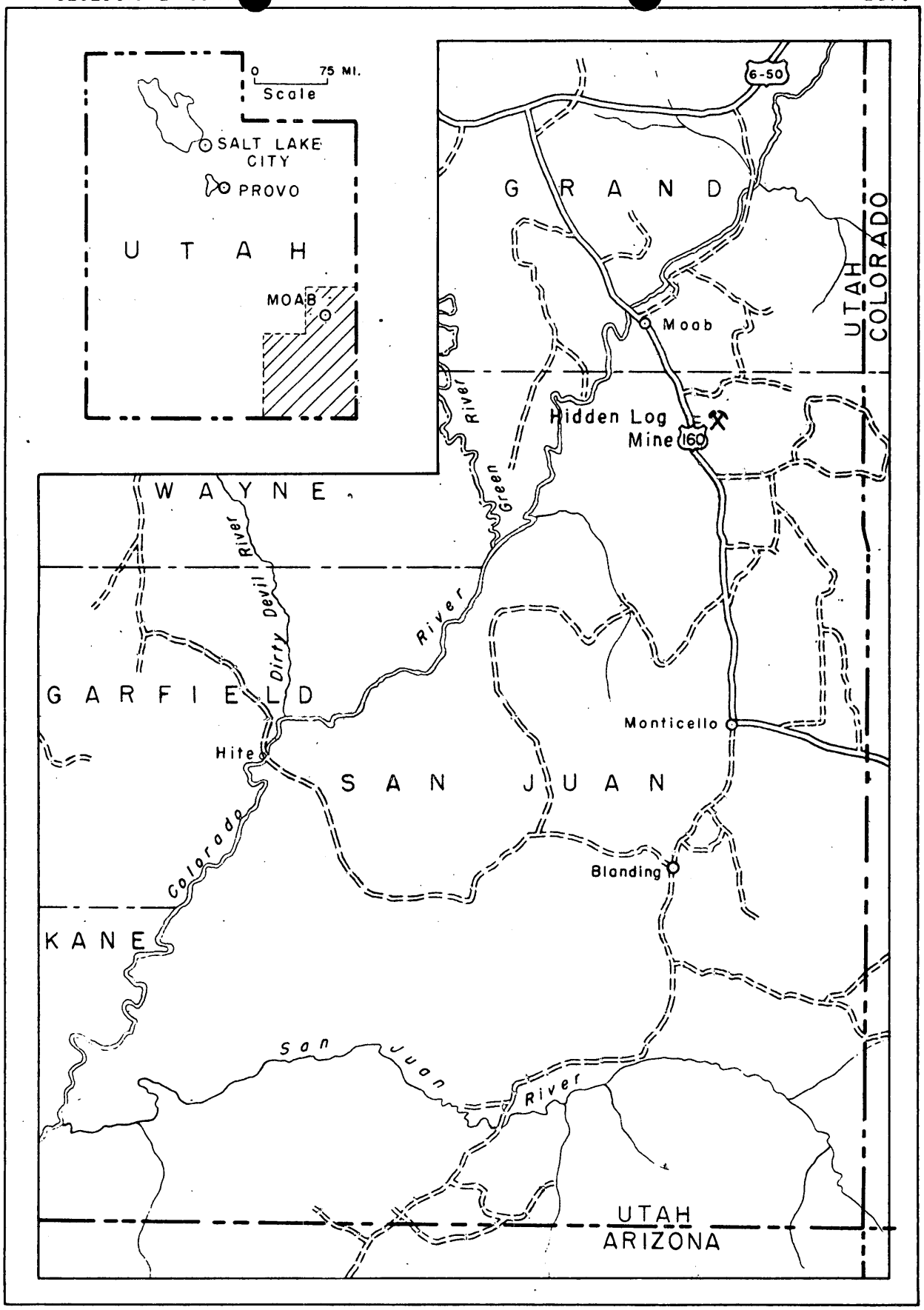

FIG. I INDEX MAP OF UTAH

0 5 10 15 20 MILES
Scale

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1952

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-2516
Metal or Mineral
Date Received 5-5-52
Amount $
Participation (Government %)

H. W. Balsley
Box 95
Moab, Utah
Main Office, Box 2727
Denver, Colorado

Name and address of applicant

Date

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

   (*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.

~~(Name of company)~~	By H M Belsley (Signature of authorized official)
april 29th 1952 (Date)	owner (~~Title~~)

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

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

MF-103 Hidden Log claims

1. a. Two unpatented claims known as the Hidden Log No. 1, and Hidden Log No. 2.

   b. Owner by purchase.

   c. Located in Sections 27 and 34, T. 27 South, Range 23 East, San Juan County, Utah.

   Note (1) held by location.

   (2) no lessees

2. Uranium and Vanadium.

   b. Attached maps show approximate location of tunnel.

3. a. Lower floor in present 50' tunnel six feet deeper and wider to a 4'x7' drift which will cost approximately $600.00. Extend from present breast to a length of 500 ft. or 450 ft. new tunnel then drive drift on ore measure both easterly and westerly 200 ft. each way or 400 ft. at $20.00 per ft. including possible props = $17,000.00. Bulldozer 3 days @ $14.00 per hr. D7 or D8 if available, approx. $336.00 to clear space for a truck to turn around and lower dump six feet same as floor of tunnel, place to set compressor and other equipment. Labor has been figured on an hourly basis, but if the operator can save money by contracting the work it should be optional.
   Cost of project $21,692.00. Government part $19,523.00
   Balsley's part $2,169.00.

   b. 12 months from time of approval to complete.

4. See attached maps, approximate location of tunnel.

5. None.

6. None, except to timber up one of the old workings for tool-house and supplies.

7. a. Compressor approx. 160 cu.ft. if available = $200.00 per mo. = $2400.00 per yr. $ 2400.00

   b.

Swedish drill complete with extra steel $1400.00	1400.00
2 ore cars @ $150.00	300.00
3 tons of rail 12# or 14# whichever is available, switches, fishplates complete	300.00
800' 2" pipe	320.00
2 tons 40% powder @ $440.00 per ton	880.00
1 double drum slusher	1400.00
Fuse and caps 40.00	40.00
Small tools $100.00	100.00

8. Miners 8 hrs. @ $1.75 = $14.00 per day 5 days per week = $70.00 overtime 1 day $21.00 = $91.00 wk. 4 weeks per mo. = 364.00 12 mo. @ 8,736.00

Supervision figured @ $2.00 per hr. full time will not be required approx. wage for project figured @ 2,400.00

Social Security, Unemployment Insurance, Compensation Insurance estimated $400.00 per yr. 400.00

9. Gasoline 8,000 gallons @$.31 = $2480.00 2,480.00

Oil lubricating compressor, est. 50.00

Assaying $50.00 50.00

Timber for portal and ties $100.00 100.00

10. a. The amount necessary to cover our part as outlined above.

b. Yes.

11. This project should pay back money in full as it is in a well mineralized area.

Form MF-100
(May 1951)

U.S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1952

GENERAL TECHNICAL DATA

FOR USE UNDER THE

DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2516

Date received 5-5-52

H. W. Baisley
Box 95
Moab, Utah
Main Office, Box 2727
Denver, Colorado

Name and address of applicant

Date

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). condition to examine approx. 400 ft. on ore caved not in/ no water
   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. Thompson, Utah, approx. 50 miles
   (*b*) Mining district. Yellow Circle
   (*c*) Township, Section, Range. Tp. 27 Sections 27 and 34, Range 23 East
   (*d*) County, State. San Juan, Utah
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. Not being operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production not known
   If not in production or operation, estimated date when production will begin about 6 months
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. Mr. Baisley 25 years as uranium ore buyer and mine operator will supervise
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. No developments carried ahead of actual mining
   (*b*) State briefly the known history and production of adjoining and neighboring properties. Yellow Circle large production
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. None available

16—63792-2

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: Not known

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.

(*b*) If deposit is other than p[illegible]:

(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. approx. 50 miles to Shipping point roads good, except small amount of dozer work mentioned in M-103 under 3a.

14. Water Supply:

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

15. Power: Has to be hauled

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

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period. none

17. Equipment and Facilities: none

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. none

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. none

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.

H. W. BALSLEY
(Name of company)

By H W Balsley
(Signature of authorized official)

April 29th 1952
(Date)

owner
(Title)

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

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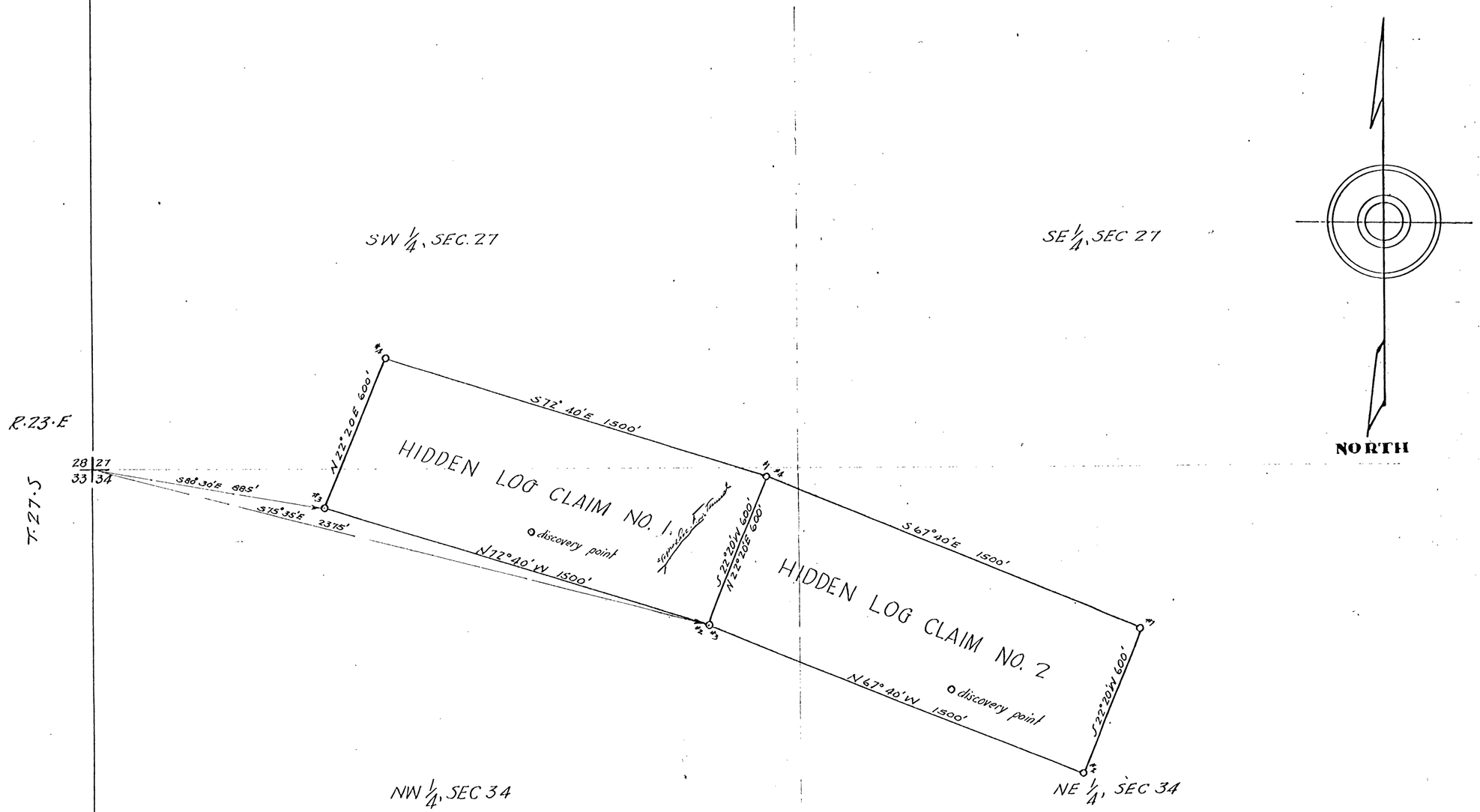

CLAIM LOCATION MAP
for
H.W. BALSLEY
MOAB UTAH
SURVEY BY: W. J. MORGAN
Scale 1" = 300'

S.L.B. & M.