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

224 New Customhouse
Denver 2, Colorado

August 22, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 2584 (Copper), Robert J. Wagoner, Express Lode, Carbon County, Wyoming

Enclosed are the original and three copies of the final report on DMEA 2584, the original and one copy of Form 3b, and a copy of the letter of denial to the applicant.

for W. H. King

A. H. Koschmann

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
AUG 28 1952

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UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Washington 25, D. C.

224 New Customhouse
Denver 2, Colorado

August 22, 1952

BL

Mr. Robert J. Wagoner
Box 2916
Saratoga, Wyoming

Dear Mr. Wagoner:

Reference is made to your application for Government aid on the Express Lode.

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,

/s/ John F. Shaw
for W. H. King
Field Team, Region IV

/s/ A. H. Koschmann
A. H. Koschmann
Field Team, Region IV

HMC:jp

cc Actg Administrator DMEA
SRWilson
Subject
Chron
AHKoschmann (2)

Mining Division
Region IV

August 22, 1952

Memorandum

To: Field Team, Region IV

From: Acting Chief, Mining Division, Region IV

Subject: Final Report, DMEA Docket 2584 (Copper), Robert J. Wagoner, Express Lode, Carbon County, Wyoming

Enclosed are nine copies of the final engineering report on DMEA 2584 by John F. Haynes of the Bureau of Mines. The Geological Survey will not participate.

Haynes concludes that the mineralization does not appear to be sufficiently strong to warrant an expenditure of $5,000, and recommends that the loan be denied.

We concur in this recommendation.

by W. H. King

Enclosures

DIVISION OF THE ENERGY
Defense Minerals Administration
DENVER
AUG 28 1952

Mining Division
Date Rec'd.
AUG 20 1952
BUREAU OF MINES
Denver, Colorado

August 18, 1952

Memorandum

To: W. H. King, Acting Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMEA-2584, Robert J. Wagoner, Express Lode, Carbon County, Wyo.

Enclosed are the original and 8 copies of an engineering report covering the subject docket. A separate section on Summary, Conclusions, and Recommendations is also attached. The data include adequate geologic description; thus an examination by the Survey is not required.

The applicant has requested a loan to rehabilitate a shaft sunk many years ago. It is believed the shaft is approximately 125 feet deep, with limited lateral work. The shaft was started in a mineralized fault zone, the mineralization having only limited strike extent.

It is recommended by the examining engineer that the loan be denied. I concur with this recommendation.

A copy of the brochure is enclosed.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 3

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

By John F. Haynes

The Express Lode copper property, Carbon County, Wyo., was examined by the Bureau of Mines during July 1952 to appraise an exploratory loan request submitted under docket DMEA-2584. The applicant desires a loan of $5,000 to rehabilitate a shaft known to have been inaccessible for several years.

Mineralization on the property occurs along a fault contact between granite and diorite and at the surface consists of pyrite, limonite, copper carbonate, and a small quantity of covellite. The strike length of the mineralized zone at the surface is limited to a short distance.

It is believed that mineralization, as exposed at the surface, is not sufficiently intense to warrant an expenditure of $5,000 for rehabilitation of the existing shaft. It is therefore recommended that the requested loan be denied at this time.

ROBERT J. WAGONER, EXPRESS LODE
CARBON COUNTY, WYOMING
DMEA-2584
(Copper)

Engineering Report

By John F. Haynes
Mining Engineer
U. S. Bureau of Mines

ROBERT J. WAGONER, EXPRESS LODE
CARBON COUNTY, WYOMING

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Description of the deposit	3
Minable ore reserves	3
Present status	3
Project proposals	4
Conclusions and recommendations	4

ILLUSTRATIONS

Fig. 1 Location map, Express Lode, Carbon County, Wyoming
Fig. 2 Probable section of the Express Lode shaft.

INTRODUCTION

Robert J. Wagoner's Express Lode was examined July 29 and 30, 1952. The examination was made relative to docket DMEA-2584 by J. F. Haynes, Bureau of Mines engineer. The purpose of the examination was to appraise the property for a proposed loan of $5,000 to assist in exploratory work. Mr. Wagoner accompanied the examining engineer to the property.

LOCATION AND PHYSICAL FEATURES

The Express Lode property is located almost entirely within Section 32, T. 14 N., R. 81 W., Carbon County, Wyoming, although small parts of two claims lie in Section 5, T. 13 N., R. 81 W. (fig. 1). The area is approximately 16 miles east of Riverside, Wyoming, along State Highway 230. An unimproved dirt road leads to the mine from the highway, a distance of 1.3 miles.

The property lies on the southeast slope of a small ridge of low relief that strikes approximately N. 50° E. The elevation at the mine is approximately 7,850 feet above sea level, and the difference in elevation of any point in the immediate vicinity does not vary more than 200 feet. There is no vegetation on or near the property other than sagebrush, although timber for mine purposes can be obtained from sawmills in the area. A small stream on the property furnishes some water throughout the year.

HISTORY AND PRODUCTION

No ore production has been recorded from the property. The claims were purchased in 1903 from the original owners, and the

Gibralter Mining Company was formed. A shaft was sunk on the property and a short crosscut driven to intersect the ore zone. Although good ore was reported as having been found, no attempts were made to mine and ship the ore. The company stopped operations in 1904 after being unable to raise sufficient capital to continue with their program. The owner, R. J. Wagoner, purchased the property from the county for delinquent taxes. He has not made any attempt to work the mine since taking possession.

The shaft is caved and the workings are not accessible.

DESCRIPTION OF THE DEPOSIT

Rocks observed in the immediate area of the Express Lode property are igneous in origin. A fault contact between granite and diorite is the most conspicuous structural feature. Mineralization occurs in a narrow zone along this fault but continuity along the strike is limited to a short distance (fig. 2).

Mineralization at the surface consists of pyrite, limonite, copper carbonate, and a small quantity of covellite. Sporadic, dense masses of white quartz occur in the granite, but no metallic minerals were seen in those observed. The shaft was sunk in the area of strongest surface mineralization.

MINABLE ORE RESERVES

There are no minable ore reserves on the Express Lode property.

PRESENT STATUS

According to available reports, the existing mine workings consist of a vertical or nearly vertical shaft 125 feet deep. At a depth of 42 feet, a crosscut was driven for 25 feet to intersect

the projection of surface mineralization. These workings were not accessible at the time of examination.

There is no equipment on the property. However, Mr. Wagoner states that he has the needed equipment to carry on a limited exploratory program. This was not actually seen as it is being used at the time in work connection with the applicant's contracting business. He stated that he no longer had the drill which he mentioned in his application for a DMEA loan.

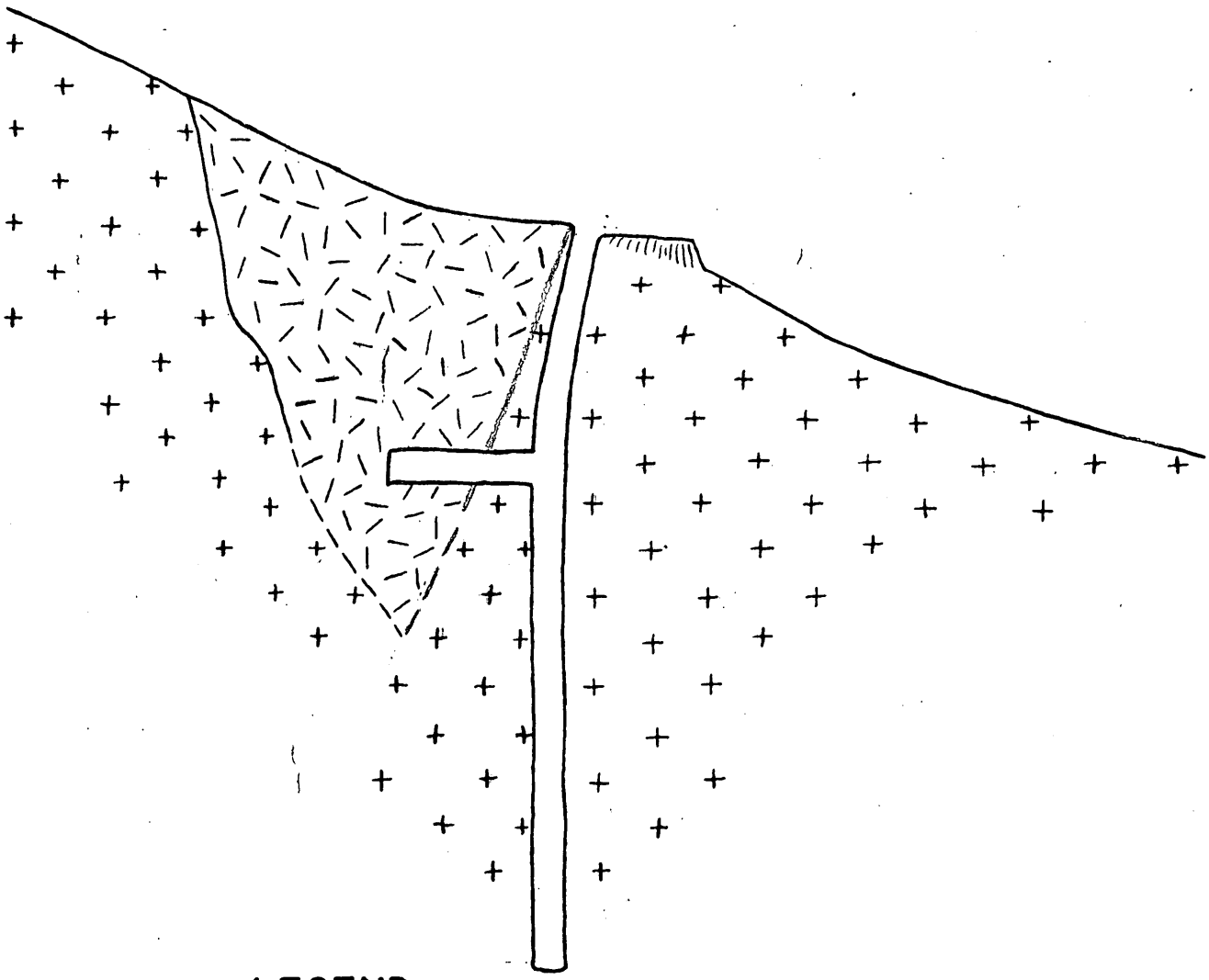
PROJECT PROPOSALS

The applicant is prepared to provide $2,500 on the proposed exploratory loan. He proposes that the work consist of rehabilitation of the shaft. To estimate the amount of money needed for the project, the applicant has assumed the entire shaft to be caved. This assumption is not based on personal inspection as Mr. Wagoner has not inspected the underground workings. However, during the examination period, the applicant stated that he intends to conduct sufficient preliminary work to determine the actual condition of the shaft regardless of the decision on the proposed loan.

CONCLUSIONS AND RECOMMENDATIONS

Insufficient data are available on the property to reliably estimate the cost of shaft rehabilitation. It is not known whether the entire shaft or only a small section is in bad condition and in need of retimbering.

Surface exposures of mineralization are narrow and of short extent along the strike. The mineralization does not appear to be sufficiently strong to warrant an expenditure under existing conditions. It is therefore recommended that a loan in the amount of $5,000 be denied at this time.



LEGEND

DIORITE

GRANITE

0 10 20 30 40 50 60

SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

FIG. 2 DMEA-2584

EXPRESS LODE SHAFT
CARBON COUNTY, WYOMING

(PROBABLE SECTION LOOKING N. 50° E.)

ENGINEER: J.F. HAYNES	DATE: AUGUST 5, 1952
TRACED:	
CHECKED:	

C
O
P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Washington 25, D. C.

224 New Customhouse
Denver 2, Colorado

August 22, 1952

2584

Mr. Robert J. Wagoner
Box 2916
Saratoga, Wyoming

Dear Mr. Wagoner:

Reference is made to your application for Government aid on the Express Lode.

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,

/s/ John F. Shaw
for W. H. King
Field Team, Region IV

/s/ A. H. Koschmann
A. H. Koschmann
Field Team, Region IV

HMC:jp

cc Actg 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 22, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 2584 (Copper), Robert J. Wagoner, Express Lode, Carbon County, Wyoming

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for John F. Shaw
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
AUG 28 1952

Mining Division
Region IV

August 22, 1952

Memorandum

To: Field Team, Region IV

From: Acting Chief, Mining Division, Region IV

Subject: Final Report, DMEA Docket 2584 (Copper), Robert J. Wagoner, Express Lode, Carbon County, Wyoming

Enclosed are nine copies of the final engineering report on DMEA 2584 by John F. Haynes of the Bureau of Mines. The Geological Survey will not participate.

Haynes concludes that the mineralization does not appear to be sufficiently strong to warrant an expenditure of $5,000, and recommends that the loan be denied.

We concur in this recommendation.

W. H. King

Enclosures

DEPARTMENT OF THE
Office Records A
RECEIVED
AUG 28 1952

Mining Division
Date Rec'd.
AUG 20 1952
BUREAU OF MINES
Denver, Colorado

August 18, 1952

Memorandum

To: W. H. King, Acting Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMEA-2534, Robert J. Wagoner, Express Lode, Carbon County, Wyo.

Enclosed are the original and 6 copies of an engineering report covering the subject docket. A separate section on Summary, Conclusions, and Recommendations is also attached. The data include adequate geologic description; thus an examination by the Survey is not required.

The applicant has requested a loan to rehabilitate a shaft sunk many years ago. It is believed the shaft is approximately 125 feet deep, with limited lateral work. The shaft was started in a mineralized fault zone, the mineralization having only limited strike extent.

It is recommended by the examining engineer that the loan be denied. I concur with this recommendation.

A copy of the brochure is enclosed.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 3

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

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The Express Lode copper property, Carbon County, Wyo., was examined by the Bureau of Mines during July 1952 to appraise an exploratory loan request submitted under docket DMEA-2584. The applicant desires a loan of $5,000 to rehabilitate a shaft known to have been inaccessible for several years.

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ROBERT J. WAGONER, EXPRESS LODE
CARBON COUNTY, WYOMING
DMEA-2584
(Copper)

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By John F. Haynes
Mining Engineer
U. S. Bureau of Mines

INTRODUCTION

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No ore production has been recorded from the property. The claims were purchased in 1903 from the original owners, and the

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PROJECT PROPOSALS

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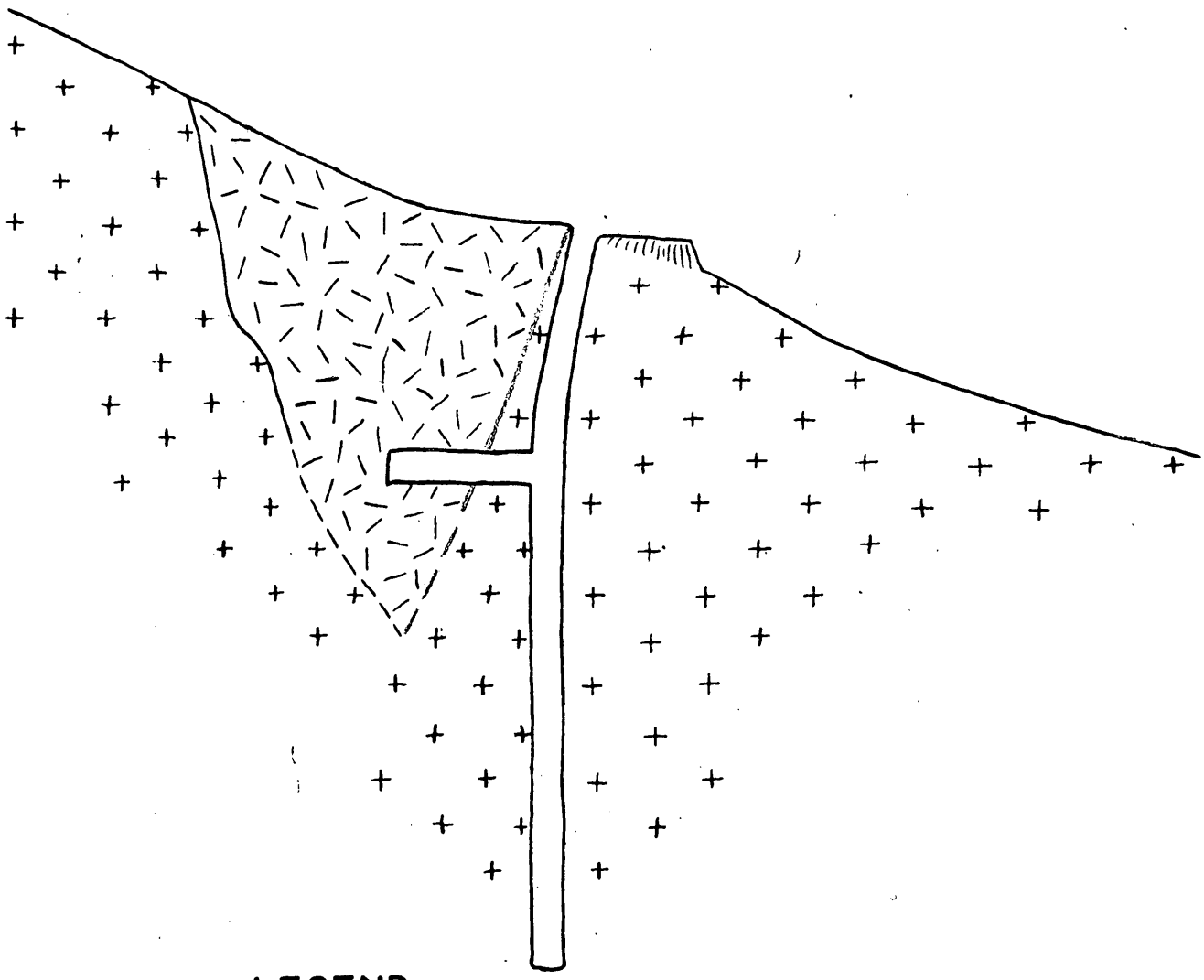


LEGEND

DIORITE

GRANITE

0 10 20 30 40 50 60

SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

FIG. 2 DMEA-2584

EXPRESS LODE SHAFT
CARBON COUNTY, WYOMING

(PROBABLE SECTION LOOKING N. 50° E.)

ENGINEER: J.F. HAYNES	DATE: AUGUST 5, 1952
TRACED:	
CHECKED:	

DMEA-2584

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

224 New Customhouse
Denver 2, Colorado

June 13, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration
Attention: Code 210

From: Executive Officer, Field Team, Region IV

Subject: Docketing for Exploration Assistance

Enclosed herewith in duplicate are DMA Forms 3a and Forms MF-100 and MF-103 and supporting data pertaining to the following application for Government assistance in exploration work.

Robert J. Wagoner
Box 2916
Saratoga, Wyoming

DMEA-2584

W. H. King

W. H. King

Returned to Region IV from DMEA:
DMEA-2584 - One copy each MF-103 and 100.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
LIBRARY
JUN 16 1952

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-2584
Metal or Mineral
Date Received 6-16-52
Amount $
Participation (Government %)

Robert J. Wagoner
Box 2916
Saratoga, Wyo.

Name and address of applicant

Date April 14, 1952

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

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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED 16—64067-2
JUN 16 1952

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 Robert J. Wagner
(Signature of authorized official)

Apr 2/14
(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

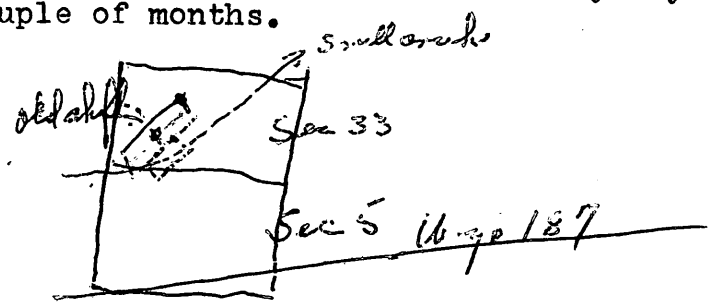
MF-I03
Questions

I. (a) Express Lode # I, 2 & 3, survey # 336 Sec. 5 & 32, Town.I3 & I4 R.8I Contaning 6I.983 acres.
(b) I am the owner, by deed to the above described property.
(c) (a) and (c) are the same.

2. (a) Copper and a little silver.
(b) The lead is about four feet in width, composed of quartz gossan and iron, and a mineralised streak of copper glance and sulphides on the surface, ~~underaimgnons~~ untill at fourty feet there was three feet of solid ore and permanate water. There is a granit hanging wall and a diorite foot. A contract was let to sink the shaft on to a hundred ft. what was found below fifty ft. I do not know. No ore was ever shipped.

3. (a) I wish to clear and retimber the shaft , to see if futher work is justafiable. Cost ~~to~~ do this would be about $5,000.00
(b) Work could be started there in thirty days and completed in a couple of months.

4.



5. There is no improvements of any sort left on the property. None will be put on at this time.

6. No buildings will be put up untill after the shaft has been opened up to see if futher work is justafiable.

7. (c)All equipment will be frunished by my self.
Hoist, depreation per month,84.00,compressor drill & pump 42.00 light plant & miss. 20.00.

8. Three men will be used, one hoist operator and two timber men these men will be miners and will get $2.00 per hour.

9. Fuel and oil 500.00,timber and plank I500.00, assaying I00.00, engineering 250.00, miss. supplys I50.00.

IO. (a)I am prepared to invest up to $2500.00 in opening up the old shaft.
(b)Yes this will be enough to make up half of the total cost.

II. This propert is one mile from a paved road and sixteen miles from town, and is easy to get to at any time.
The origanal work was done , along in I903 by a stock Co.
I think that they lost or sank through the ore at a I00 or I25 ft. and could sell no more stock so quit The ore that they had was never developed to see what they did have.And there was quite a few tons of ore in sight. The shaft now is caved from the surface. Now there is but a slight depression to show where the shaft had been.

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-2584

Date received 6-16-52

Robert J. Wagoner
Box 2916
Saratoga, Wyo.

Name and address of applicant

Date April 14, 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.
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.

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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.

MF-100
Questions

I. (a) Copper and iron are the chief products.
(b) Silver and gold are small by products.
2. This was known as the Gibraltar mine.
(a) There was I25 ft. of shaft.
(b) With 25 ft. of drift and crosscut on the bottom.
(c&d) No other mine workings or openings. The water leavel stood at about fourty feet,And it was not possiable to handle the water below that point by hand.
3. (a) The mine is situated sixteen miles east of Encampment, Wyo. one mile off of a all weather road.
(b) The mine is in The Grand Encampment Mineing District.
(c) It is in Town. I3 & I4, Range 8I W. Sec.5 & 32.
(d) Carbon County, State of Wyoming.
4. (a) This property is not in operation.
(b) I own the property and hope to put it in to operation in thenear future.
5, This property never was in production , but I hope to have it in production in 90 days time.
6. I will persnnly manage the property.The last seven years I have been in the contracting business,building roads,bridges,pipe lines,dams and done other work for the Forest Service, Bureau of Mines, Bureau of Land Management,State of Wyoming various countys, and numerous Co. & Pu. Utilities. Befor that I had several years experince in manageing and operating several gold mines, both placer and lode.
7. (a) This property was first found in I902, and at a depth of thirty ft. ore was begining to come in and at fourty ft. there was three ft. solid copper glance.Permanate water was hit at this depth and it no longer could be handled by hand, a plant of machinery was installed and the shaft was sunk to a I25 ft with 25 ft of drift and crosscut on the bottom.The shaft was in ore to a depth of fifty ft. They lost They lost the ore in sinking deeper and at the bottom had only bunches of ore.The property was bought by a stock co. whos chief interest was to sell stock. When they could no longer sell stock to work with, they quit.It was then held for years by one of the company officals. I was only able to secure the property a few years ago, after the death of this former official.
No ore other then for samples and assays were ever taken from the property. No work was done after I906, the machinery was moved away. And the shaft is caved now, with only a slight depression 5 or 6 ft deep to show where the shaft was.
(b) There is the old Cox mine about a mile south east that produced quite a noumber of carloads of highgrade copper ore till it shut down in the early thirtys.
(c) In the files of the early day papers are a noumber of accounts in regard to this property, I have no athetic repores on this.
I3. It is only a mile from the property over a dirt road to the oiled road ,fifteen miles from there to Encampment,and the railroad.
I4. There is a small stream flowing about a second ft of water crossing the property.
I5. P Power to start with, will be gas and disel. There is a REA line about four miles away.
I7. There are no buildings on the property. None are needed for summer operation.
I8 I have a hoist, air compressor,drill,pumps,lightplant and other tools, and every thing needed for this operation.

(*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.

(Name of company)

By Robert [illegible] (Signature of authorized official)

April 14 (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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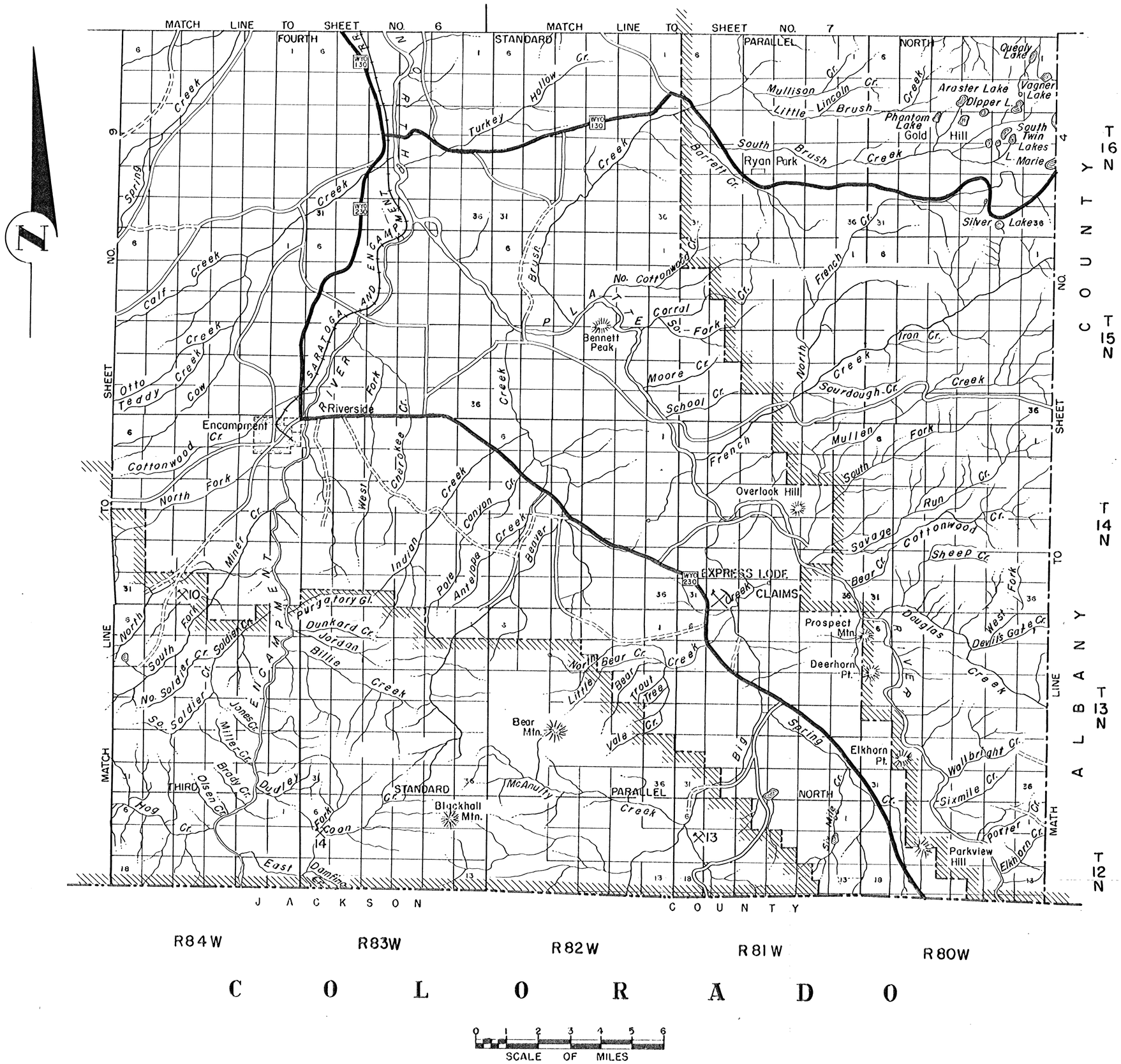

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BUREAU OF MINES

Fig. 1

DMEA Docket-2584

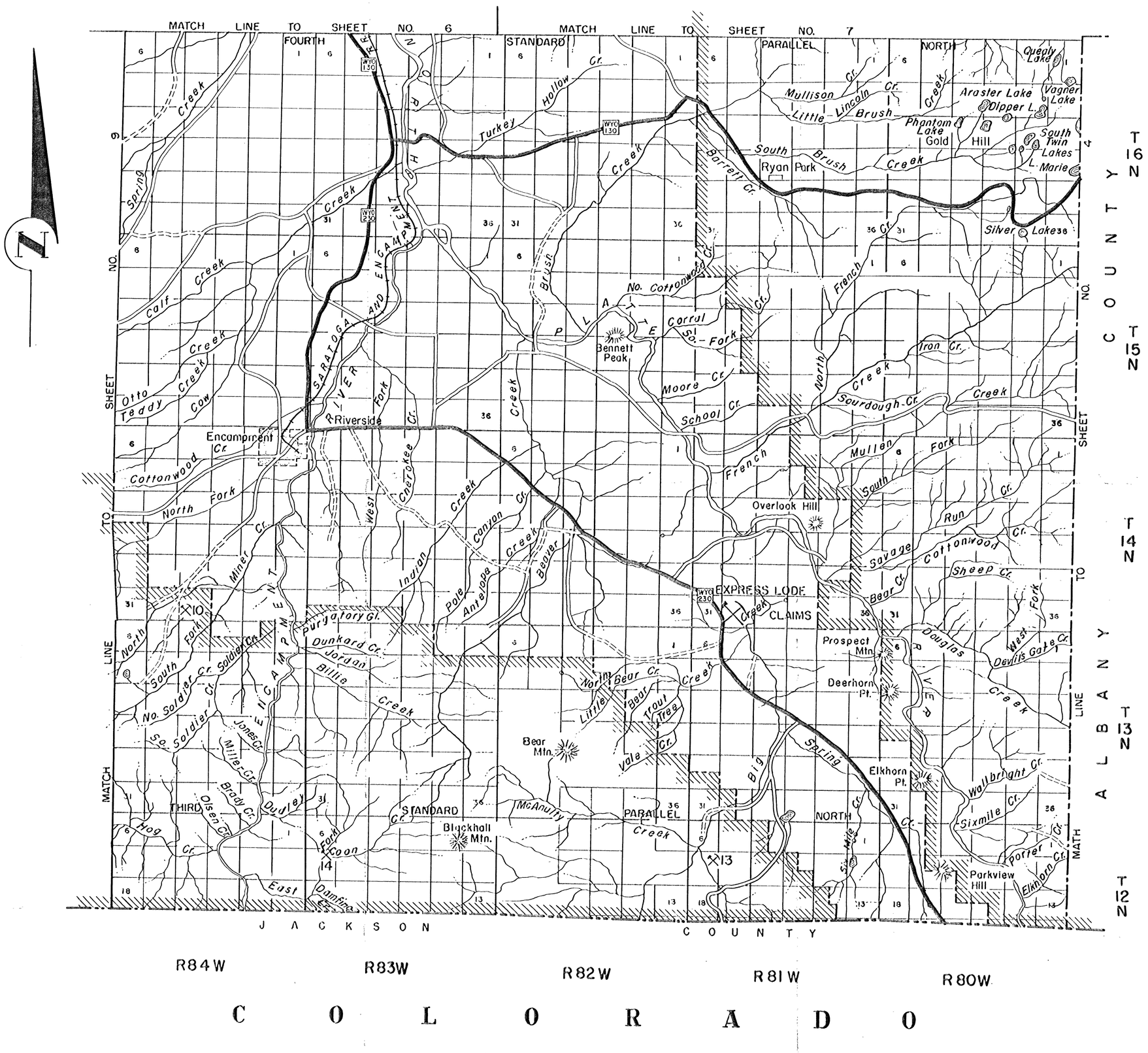
STATE:- WYOMING

COUNTY:- CARBON

Sheet 10 of 10

Location Map

ENGINEER:- J. F. HAYNES	DATE:- AUGUST 5, 1952
TRACED:- BY:-	
CHECKED:-	



U.S. DEPARTMENT OF THE INTERIOR
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Fig. 1

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Sheet 10 of 10
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