224 New Customhouse
Denver 2, Colorado

March 6, 1952

Memorandum

To: C. C. Mittendorf, Acting Administrator
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Application of T. J. Hazelton, Docket 1892.

The above application was filed August 14, 1951. The applicant was requested to submit additional information and since nothing was heard from him, it was placed in the inactive file.

On February 5, we received a second application from Mr. Hazelton for the same project. This application was sent to Defense Minerals Exploration Administration, Attention: Code 214, and given Docket No. 2369.

Kindly cancel Docket 1892. Docket 2369 is now being processed in the field.

For

J. H. Kest, Jr.

JHS:ld J.H.S.

cc: Docket, chron.
Kuechmann
Sterns

W.H.K.

224 New Customhouse
Denver 2, Colorado

December 28, 1951

Mr. T. J. Haselton
Ingalls, Kansas

Dear Mr. Haselton:

We are returning herewith Form MF-103, which constitutes your application for Government assistance in exploration work.

The form as submitted is so incomplete that we are unable to determine the location of your property, extent of assistance applied for, or any other factors necessary to determine the merit of your application.

We are enclosing Mineral Order 5, which outlines the regulations governing Government aid in Defense Exploration projects, also five copies of forms MF-100 and MF-103 for your use in resubmitting your application. The latter two forms must be submitted in quadruplicate, together with four copies of all supporting data, such as maps and supplemental sheets.

There is insufficient space on the forms for the answers to the questions, therefore it is necessary to use supplementary sheets on which your answers must be numbered to confirm to the number of the question. Answers must be specific and in detail in order to present your application in a form to permit processing.

If a question does not apply, or have a bearing on the merits of your application, include the question number on your answer sheet and write in, "Does not apply."

The information requested in questions 3 to 9, inclusive, is the basis from which the formal contract would be drawn, therefore specific and detailed answers are very important.

If we can be of further assistance in the preparation of your application, please do not hesitate to make known your needs.

Very truly yours,

J. H. East, Jr.

J. H. East, Jr.
Executive Officer
Field Team, Region IV

JWT:oc
cc: DMA Subject, Chron.
Koschmann

Winze 15'
Stat 150'

1 $600

Raise winze 35 feet surface
Sink winze 100 feet
Drift 200

$1200
250
6 1450
24

Dep. Compressor portable gasoline-driven 105 cu ft
1 fackhammer, hose

Purchase Hoist $250

Patel

Contact
Polph Tafoya
T. or C.

Supplies
Track
1½" pipe
Mine car
2 Buckets
Powder, ~~caps, fuse~~
Blasting caps
Timber
Labor ~~Blacksmithing~~

2 miners @ $1.00/hr
~~Supt.~~ $300.00

Charge o Hoist now $300
2-Post Headframe

224 New Customhouse
Denver 2, Colorado

November 8, 1951

Mr. T. J. Hazelton
Ingalls, Kansas

Dear Mr. Hazelton:

This is to acknowledge receipt of your letter of November 4, 1951, relating to your property in the Animas Mining District, Sierra County, New Mexico.

Your plan of recovering lead, zinc and copper brings your application within the description of "Exploration Project", providing that you submit a plan of the proposed exploration project, with the answers to Items 9, 20, 21, 22 and 23, (a) to (i) inclusive, Form MF-103, as requested in our letter of October 29.

We are enclosing a copy of this form and also a copy of MO-5, Regulations governing Government Aid in Defense Exploration Projects.

Very truly yours,

J. H. East, Jr.
Executive Officer
DMA Field Team, Region IV

Enclosures

WDM:ld

cc: DMA docket, [redacted], chron.
Koschmann

224 New Customhouse
Denver 2, Colorado

October 29, 1951

Mr. T. J. Hazelton
Ingalls, Kansas

Dear Mr. Ingalls:

This is to inform you that your application for aid for an exploration project has been received by this office.

A review of this application indicates that the proposed loan is for the purpose of recovering gold by amalgamation, and the details of exploration are not presented. "Exploration project" means the search for unknown or undeveloped sources of strategic or critical metals or minerals, which do not include gold.

Your application is being held here, pending receipt of a revised application with specific answers to Items 9, 20, 21, 22 and 29 (a) to (i) inclusive.

Very truly yours,

J. H. East, Jr.
Executive Officer
DMA Field Team, Region IV

WDM:oj
cc: DMA subject, chron.
AhKoschmann

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

310

OFFICE
REGION IV
OCT 24 1951

OCT 23 1951

Mr. T. J. Hazelton

Ingalls, Kansas

Re: Docket No. DMA-1892

Dear Mr. Ingalls:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You will hear from Mr. J. H. East, Jr., Executive Officer, DMA Field Team Region IV, Bureau of Mines, 224 New Customhouse Building, Denver 2, Colorado, or one of his staff when they are ready to visit your property.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

RVWaugh:rw
10-16-51

Copy to: Administrator's Reading File
Executive Officer, DMA Field Team IV
Mr. Gowen
Mr. MacLaren
Files-DMA Docket

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

DIRECTOR'S OFFICE
OCT 24 1951
BUREAU OF MINES
DENVER, COLORADO

OCT 23 1951

Mr. J. H. East, Jr.
Executive Officer, DMA Field Team Region IV
Bureau of Mines
224 New Customhouse Building
Denver 2, Colorado

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. DMA-1892

Commodity Copper

Applicant Mr. T. J. Hazelton, Ingalls, Kansas

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon
Chairman
Coordinating Committee

H. W. St. Clair
For the Bureau of Mines

T. P. Thayer
For the Geological Survey

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

OCT 2 3 1951

Mr. J. H. East, Jr.
Executive Officer, DMA Field Team Region IV
Bureau of Mines
224 New Customhouse Building
Denver 2, Colorado

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. DMA-1892

Commodity Copper

Applicant Mr. T. J. Hazelton, Ingalls, Kansas

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

SIGNED

Chairman
Coordinating Committee

For the Bureau of Mines

For the Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1892

Commodity COPPER

Total Amount $15,000.00

Govt. Participation $6700.00

1. Name and Address of Applicant T.J. HAZELTON
INGALLS KANSAS

2. Location of Property ANAMOS MINING DIST, SIERRA COUNTY, NEW MEXICO

3. Mineral or metal COPPER Is it listed in Section 9 of MO-5? YES

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 ✓

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

5. Is the applicant's right to the property clearly stated? NO lessee or owner?
(question 5, 6, 7)*

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

Does the lease have sufficient time to run to cover a future productive period? ~~YES~~ NO

*question numbers are those of MF-103

7. Are subordination agreements necessary? YES

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 YES

b) Equipment and supplies YES
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Does not relate

d) Water (question 13)* Probably not

e) Power (question 13)* YES

Is a field check needed on any of these points? YES - Road & Water

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* _____

Can't judge

Is a field check needed on this point? YES

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

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

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? YES If so, attach a draft.

e) Are the cost estimates reasonable? Can't Tell

f) Should more information be requested from applicant? Yes all questions under 10

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? No 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? e & g are applicable, f not.

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

c) Are rents and charges reasonable? Can't tell

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? Can't tell

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

d) Are the proposed wages and salaries reasonable? "

e) Is a field check needed? YES

EXHIBIT A

21 250 ft Mining - 5 Months

LABOR	$3000.00
INSTALLATION OR CONSTRUCTION	1700.50
EQUIPMENT	1500.00
OPERATOR'S EQUIPMENT FOR RENTAL	500.00
SUPPLIES	50.00
GAS, OIL, GREASE	400.00
	$6150.50

23 d. BOARDING SHAFT	$100.00
. INSTALLATION OR CONSTRUCTION	1600.50
e. HOIST AMALGAMATION TABLE, WATER TANK, JEEP, PUMP	1500.00
f. Not applicable	
g. OPERATORS EQUIPMENT FOR RENT	500.00
h. QUICK SILVER	50.00
i. GAS, OIL, GREASE	400.00
a. 3 MEN $1.75	2000.00
b. not applicable	
c not applicable	

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Can't judge.

(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? Check feasibility of project and geology. Obtain answers to rest of questions. There is quite a difference between total amount of money requested and his breakdown of costs.

Reviewed by: [illegible]
R W Lewis
C A Holm
J R Gowen

Date 10/15/51

INT.-DUP. SEC., WASH., D.C. 99009

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. DMA-1892

Date received 10-1-51

J J Hazelton
Ingalls
Iowa

Name and address of applicant

Date Sept 29, 1951

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C. 25 AM '51

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? Gold Silver Copper Lead Zinc Iron
   (*b*) What are the byproducts, if any? flux
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. 600 feet
   (*b*) Linear feet of drifts and crosscuts. 25 feet
   (*c*) Linear feet of tunnels or adits. 20 feet
   (*d*) Linear feet of other mine openings (explain briefly). one 30 feet one 80 feet one 20 feet 1 8 ft
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. no flooding
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 120 miles to El Paso Texas
   (*b*) Mining district. Animas
   (*c*) Township, Section, Range. Do not have this information
   (*d*) County, State. Hidalgo County New Mexico.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. operation starting Oct 1st
   (*b*) Are you operating this property as:
   - [x] Owner.
   - [x] Lessee.
   - [ ] Contractor.
5. Number of years in production 1½ months
   If not in production or operation, estimated date when production will begin
6. Experience of operators: operated mine and Management
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History: Have mined also Engaged in Business.
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. Operated by Independents
   (*b*) State briefly the known history and production of adjoining and neighboring properties. on mated Inc
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. on operating Mine a Proven Producer

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:

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 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)	1500		$25.00 or more		$8.00

(*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. 35 miles Hot springs N.M.

14. Water Supply: Well

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

15. Power: Gasoline motors also one mile to R.E.A. line. The water is Dependable

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. — — — not ref. to me and most work myself.

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. Compressor and Equipment wanted Hand tools [illegible]

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.

Daylight mine
(Name of company)

By J J Hoylton
(Signature of authorized official)

aug 14 1967
(Date)

Owner and operator
(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
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1892

Date received 8-20-51

Participation

Name and address of applicant: J J Hazelton, Ingalls Kans

Date Aug 14 1951

FILL IN THIS BLOCK

Date of application Aug 14 1951

Estimated cost $15,000.00

Mineral or metal Gold of Silver Coffin Trust Jr. Gold

Percentage of Government participation $6,700.00

Location of mine Sierra County New Mexico, Kingston Mining Dist.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

Date of filing MF-100 Aug 14 1951

DMA Docket Number, if available 1892

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners. Ralph Zafrey, Nat. Springs N.M. / Owen Wetzel Rodeo City Kans.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. not a Corporation

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. J J Hazelton have managed this Project for one year.

*5. Are you the owner or the lessee of the property?

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none

7. If lessee, attach a copy of the lease and state if it is in good standing. final contract attached

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract. agreement attached

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? answer on separate sheet.

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*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. Sky Light mine and all equipment
(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. on Contract

NOTE.—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 (*b*) 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.

*11. State the present and former names of the property, if any. Superior Claims and Dig Down Claims
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. approximately one mile off Black top. Road
*13. State source and quantity of water available for operations and its sufficiency at all seasons. [illegible]
State amount of power to be used, rate per hour or other cost, and source. one 18 H.P. one 35 H.P. Gas
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. one Compressor equipped with [illegible] one hoist & windlass and [illegible]
15. State in detail how the ore could be shipped and how and where milled. ore to be milled on Hand tools and [illegible]
*16. History: several mines have been worked (by previous owners)
(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. none
(*b*) State briefly the known history and production of adjoining and neighboring properties. an inclosing letter
(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
(*a*) If mine is in production, furnish the following information: mines will start operation Oct 1st

	Tons per day	Grade or analysis	Cost per ton	Net value per ton
(1) Mining	Estimate 5	1 and 2	$8.00	25.00
(2) Milling		milling and [illegible]		
(3) Shipped or sold		will be increased as mine developes,		

*18. Ore or mineral reserves: (If property is or has been operating.) [illegible]
(*a*) Describe the ore or mineral deposits briefly. [illegible]
(*b*) Submit available maps and assay data. [illegible]
(*c*) Give estimated tonnage and grade of each class of ore reserves. [illegible]
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? [illegible]
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 250 ft [illegible] existing mill

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data. The Geologists view as an [illegible]

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows: $2000.00
(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 3 miners 75 cents
(*b*) Supervisors, by numbers and positions, with salaries of each. none
(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. Bordering up the off [illegible] $100.00
(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. tool shed, Bunk house $600.00
(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. hoist, jack, mahogany table, water tank, Pump, 1,600.00
(*f*) Cost of rental for equipment which the operator proposes to rent. none
(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. 500.00
(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. Quick silver 50.00
(*i*) Cost of power, water, utilities, and any other items not provided for above. Gas and Drums $400.00
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. five months 250 feet crushing mill and all installations $6,700.00

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.

Sky light mine on Dig down Claims (Name of company) By T J Hamilton (Signature of authorized official)

Aug 14 1951 (Date) President and 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.

*Same as footnote on page 1.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. .....

Date received .....

Participation .....

Approved

Approved

Name and address of applicant

Date .....

FILL IN THIS BLOCK

Date of application .....

Estimated cost .....

Mineral or metal .....

Percentage of Government participation .....

Location of mine .....

.....

Date of filing MF-100 .....

DMA Docket Number, if available .....

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property?

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

THE PROPERTY

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

    NOTE.—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 (*b*) 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.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*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.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

---------- By ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Reynolds Mines
Aug 14 1951

~~Bonnette~~

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

DM A-1892

Defense Minerals Adm.
Washington D.C.
Att: J. L. Jones Chief Office Dev.

Dear Mr Jones Please find Inclosed, form Office of Forms MF 10.3, and also one Form MF 100, filled out applying for Government aid to finance a mining Project, I have been working on in the Quemado mining Dist in Sierra County New mexico, also my agreement with Mr Ralph L Lofgren of Hot springs, N.M. I want to state here for the Benefit of this Project that I have put a lot of money in this mine and cannot go any farther at this time without financial aid, This mine is showing a lot Promise of being a Big Producer I am, Inclosing some Pictures and also, Data from Bulletin no 10 from the Bureau of mines Socorro, New mexico, we are Delighted to where some financial aid should put this mine to Paying its way and as it develops Larger and Deeper, from all Records of other mines in the District the ore will be Richer in minerals, we have some machinery Including a 15 Place stamp mill which is old but in good Repair, But need magnetos and table, I have had a lot of Experience with mining and can manage with need Equipment, we are Trying to locate a supply of water on our Claims and also can Purchase a well sight at a fair Price that has a Good water supply, I am Inclosing a hand map of Claims,

Yours very sincerely,
J. W. [illegible]
Jim Reynolds

A. AERIAL PHOTOGRAPH OF BONANZA VEIN WITH RATTLESNAKE VEIN IN BACKGROUND

and the ore is free milling. Near the split in the vein in the arroyo, the ore from the surface down consists of mixed primary sulfides and secondary minerals. The gangue is quartz and subordinate calcite. This portion of the vein has been opened by a small shaft to a depth of 110 feet, and from the shaft drifts about 50 feet long have been driven to the north and to the south on the 50-foot and 110-foot levels. Figure 10 shows two views of the vein in this shaft, and the illustration is typical of practically all the gold-silver-copper veins in the district. Shipments from this shaft have consisted entirely of hand-sorted material that has averaged 2.38 ounces gold, 14 ounces silver and 11.4 per cent copper. Low-grade wall-rock from these workings has assayed 0.23 ounces gold, 1.2 ounces silver, and 1.4 per cent copper. The old stopes worked from the main shaft are reported to be practically continuous for a distance of 1,000 feet along the strike of the vein and down to a depth of 250 feet; they are reported to have produced a little over $670,000. During 1931 lessees working in surface tunnels south of the main shaft produced a few tons of ore, part of which was worth $16 per ton according to the smelter returns, and the remainder about $6 per ton. It is said that the Opportunity mine stopes are filled with 70,000 tons of sorted material with an average value of $10 per ton.

McKINLEY, SHERMAN AND READY PAY VEINS

The McKinley, Sherman and Ready Pay veins are situated in the order named between the Opportunity vein on the west and the next gulch to the east, known as Ready Pay Gulch. The McKinley vein, also known as the Caballero, has been opened by two tunnels. The lower one, which is 500 feet long, is connected with the upper tunnel and old workings through a raise and some old stopes. The vein is 3 to 4 feet wide and is said to have averaged $7 throughout. The walls of the vein at the lower tunnel level are andesite breccia on the footwall and andesite on the hanging wall. The vein consists of soft and altered andesite and fault gouge, much iron stained and containing the valuable metals in roughly parallel stringers or thin lenses that come in and die out at short intervals throughout the width of the vein. In the face of the tunnel is a massive calcite-quartz-pyrite seam 12 inches wide, which assays $3 to $4 in gold. The oxidized zone of the upper workings is said to have produced ore assaying $50 to $60 per ton, probably after hand sorting, though this was not so stated. The ore is said to occur in shoots 15 to 30 feet long and 10 to 20 feet in height along the vein.

It is said that Martin Conoby, an old resident of the Hillsboro district, made his living for years by mining and sorting the high-grade stringers out of a persistent 18-inch seam of ore in the McKinley vein.

The Sherman vein or "lead" as it is called locally is on the west sidehill above Ready Pay gulch and strikes slightly east of

the northern part of the Katherine vein to the west. A shaft said to be 200 feet deep has been sunk on this vein, a moderate amount of underground development work has been done, and some high-grade ore has been shipped with ore from the Snake and Opportunity mines. Fragments of vein matter on the dump, which resemble the quartz of the Snake vein, contain pyrite, chalcopyrite and chalcocite.

85 MINE

This mine is on the northern slope of the mountain in which the Snake mine is located, and it is on the same vein. The 85 claim is an extension of the Red Mountain and adjoins it on the north. The mine is said to have been worked through a shaft sunk to the 400-foot level and to have produced some shipping and milling ores. Another shaft, said to be 80 feet deep, was sunk on an unimportant split from the main vein. The workings are all caved, and only the outcrop of the vein from the Snake through the 85 mine and to the monzonite cupola in Copper Flat was seen by the writer. Calcite is more abundant here than in the vein farther south. Argentite is present in moderate amounts and the gold is associated with chalcopyrite.

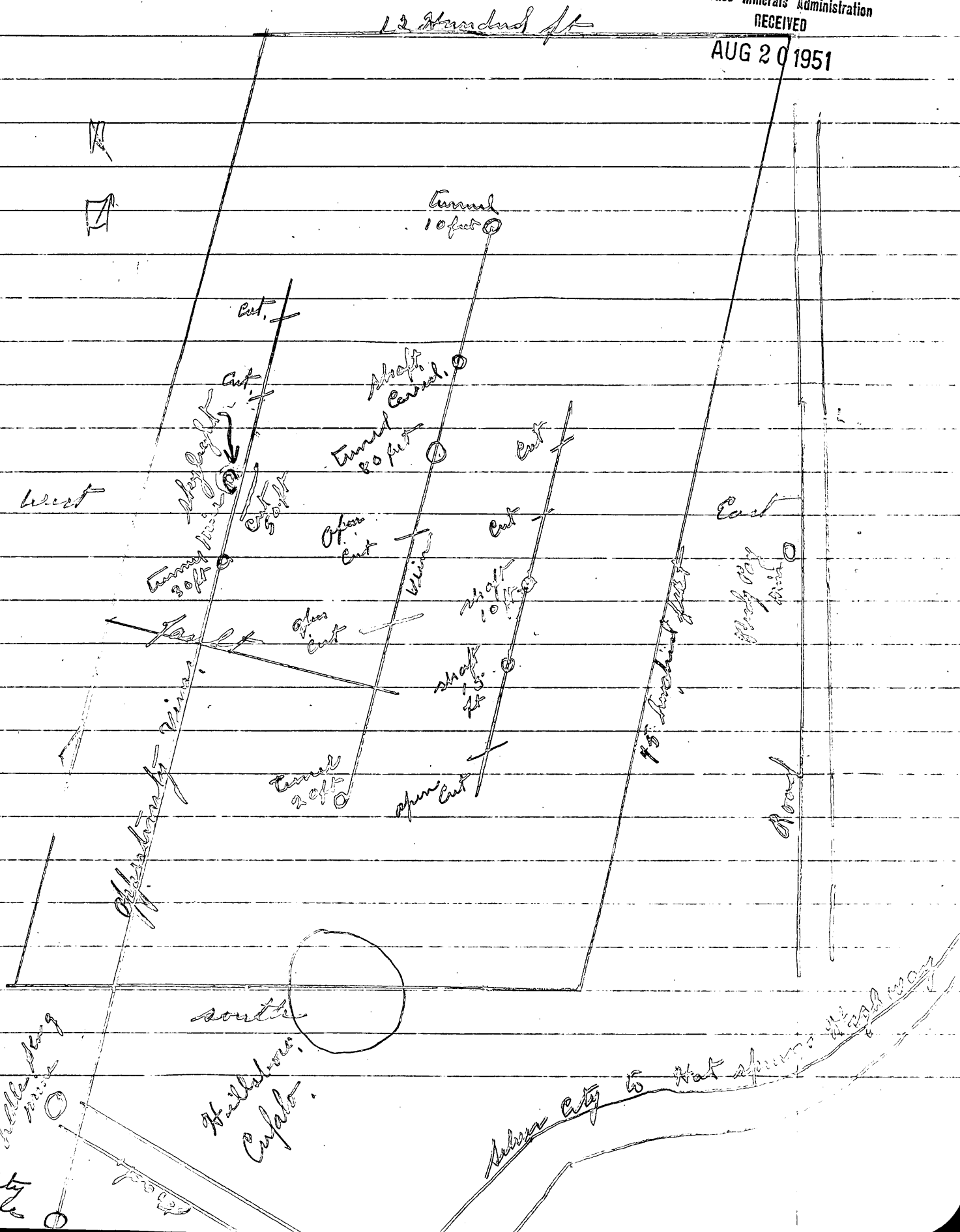
OPPORTUNITY MINE

The Opportunity vein, which is east of the Snake vein, takes a direction of N. 10° E. and is nearly vertical. It extends from a point on the Opportunity claim, just north of the monzonite outcrop near Hillsboro, through the Compromise No. 2, the Little King, and thence over the crest of the mountain to Copper Flat. The Opportunity group of claims is a part of the same group to which the Snake claims belong, and in addition to the claims on which these veins outcrop, others in the group include the Morocco, Quartzite, Morning Star, Moccasin, Morning Glory, Mohawk, Portland, Yankee Girl, and Compromise No. 4.

The main Opportunity shaft and several pits and tunnels are located near the south end of this vein on the shoulder of a low ridge. North of the shaft, stoping from the underground levels as reached to the surface for a distance of several hundred feet long the strike. Farther north, on the Little King claim, the in splits in a gulch, and the branch trends northeast. Here the e along which the main Opportunity vein occurs is split, and branch of the vein follows the branch of the dike. The coun- rock within the angle made by the split is altered to a soft hite mass of sericite and kaolin, which is traveresd in every rection by small stringers of mineralized quartz, forming a ow-grade ore body. The dike along the main Opportunity vein averages about 4 feet in width, and the vein, which is in fractured andesite and follows along the west wall of the dike, is about 4 feet wide. A seam of gouge makes the east wall of the vein.

At the main shaft the vein is oxidized to a depth of 250 feet,

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951



LEASE AND OPTION AGREEMENT

This lease and option agreement made and entered into this 13th day of February A. D., 1950, by and between Rafael S. Tafoya, of Hot Springs, N.M. and T. J. Hazelton, of Hillsboro, New Mexico.

WITNESSETH: that Rafael S. Tafoya, known as party of the first part, leases and gives an option to T. J. Hazelton, party of the second part, the following mining claims, to-wit:- Dip Down No. 1, 2, 3, 4, 5 and 6 in the Las Animas Mining District, Sierra County, N.M.,

It is hereby agreed that the duration of the lease to be two year from date, and with option to party of the second part to buy same within the said time for the sum of $3000.00, and same to be paid as follows, the sum of $1000.00 in six months from date, the sum of $1000.00 in twelve months from date and $1000.00 eighteen months from date, which will be the final payment. Party of the second part is to start to work in the property on or before 30 days, and do it in a miner like manner, and the work to be for the benefit of said claims, if party of the second ships any ore than he is to pay to party of the first part a 10% Roayalty on all smelter returns ore shipped from said property.

It is also agreed that any mahcinery or equipment placed on the property belongs to party of the second part, and can be removed at the termination of the lease,

Witnesses our hand and seal this 13th day of Feby. A. D., 1950.

Rafael S. Tafoya

Witness:

Juan A. Hidalgo

T J Hazelton

Subscribed and sworn to before me this 13th day of Feby. A. D., 1950.

Le Nora Bond
Notary Public, Sierra Co., N.M.

My Comm. Ex. Nov 26, 1950

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

AUG 3 1951

July 31, 1951

Mr. T. J. Hazelton

Ingalls, Kansas

Dear Mr. Hazelton:

This is to acknowledge your letter of July 25, 1951. We are sorry that you did not receive the forms you requested.

Enclosed herewith please find one copy each of Form MO-5 (Regulations) and Form MF-100 (General Technical Data) and five copies of Form MF-103 (Application for Aid for an Exploration Project.) When you are ready to apply for a production loan notify us and we will send you the necessary forms.

Very truly yours,

(sgd)

J. B. Cowen, Chief
Copper Branch

Enclosures - 3

RVWaugh:ez

Copy to: Reports and Records Branch, w.c.i.
Administrator's Reading File
Executive Officer, Region IV, w.c.i.
Copper Branch, w.c.i.
Files

Ingalls, Kansas

July 25, 1951

Department of Interior
Defense Minerals, Int.

Mr. J. B. Gowen, Chief, Copper Branch
this in Reply to your letter of July 16, for which
I thankyou. There were no forms inclosed, so would you please
send them I think I can qualify for a loan as I have some tonnage all
ready mined and stovel and have a 30 inch vien showing however if I
could get some Exploration aid I could further stock pile the ore and we
could make a mill loan in the future I have a good mine which has a
promising future and I want to develope it in the near future I will
also mail you some samples of ore at your request.

Thanking you very much.

Yours Sincerely,
T. J. Hazelton
Ingalls, Kansas

COPY

Located

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

DMA.

REGIONAL DIRECTOR'S
OFFICE
REGION IV
JUL 18 1951
BUREAU OF MINES
DENVER, COLORADO

July 16, 1951

Mr. T. J. Hazelton
Ingalls, Kansas

Dear Mr. Hazelton:

This is to acknowledge your letter of July 5, 1951. Upon your request we are enclosing a copy of the Regulations MO-5, Forms MF-101 and 102 and five copies each of Forms MF-100 and MF-103.

To qualify for a loan to finance the construction of a small mill, you must be able to prove that sufficient tonnage is available to be treated in your mill to amortize the loan.

Very truly yours,

J. B. Gowen

J. B. Gowen, Chief
Copper Branch

Enclosures

Copy to: Mr. J. H. East, Executive Officer, DMA Field Team IV, w.c.i.
Reports and Records Branch, w.c.i.
Copper Branch, w.c.i.
Files

JWAlt :jp

Rec'd

Ingalls, Kans.
July 5, 1951

Mr. J. B. Gowen
Acting Chief Copper Copper Div.
Washington D. C.

Dear. sir;

Received your letter of June 27 in Reply to my letter of June 8th for whitch I thank you very mutch. Would you Please send me another set of forms, MO,-5 (Regualtions.) and Form M.F.101 and MF-102 application for Goverent Loan M.F.103 application for aid for an Exploration Project, as I am unable to Locate the forms I Received, Inclosed with your letter

yours very truly

T. J. Hazelton

Ingalls Kans__

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

June 27, 1951

Mr. T. J. Mayelton
Ingalls
Kansas

Dear Mr. Mayelton:

This is to acknowledge your letter of June 8, 1951 in regard to the financing of a small mill.

Under the Defense Production Act of 1950, the Defense Minerals Administration is authorized to grant a government loan for the construction of a mill provided that there is proven ore of sufficient grade and tonnage to amortize the loan from profits in a given period of time. However if you do not have sufficient developed ore it might be advisable to apply for exploration aid.

We regret to inform you that under the present law, the final date for filing application was May 31, 1951. However, in the event that the present law should be extended we are enclosing copies of press releases dated April 11 and May 14, 1951, one copy each of MO-5 (Regulations), Form MF-100 (General Technical Data), and Form MF-101 and MF-102 (Application for a Government Loan), and MF-103 (Application for aid for an Exploration Project). You may study these and decide which best fits your case.

Should you wish to submit your application we will be pleased to hold it for consideration pending the extension of the present law.

Very truly yours,

J. B. Gowen, Acting Chief
Copper Division, DMA

Enclosure

Copy to: Executive Secretary, w.c.i.
Mr. J. H. East, Jr. (2) w.c.i.
224 New Customhouse, Denver 2, Col.
Copper Branch, w.c.i.
Files

RVWaugh:jp

Ingulls, Kansas
June 5, 1951

Department of Interior
Washington, D. C.

Dear Sirs:

I have a mine in Serra Co., New Mexico which I am developing and have a 28 inch vein that has a good shiping of gold, silver, copper. Iron and zinc. This mine includes six claims and is located in the Anamas Mining District about one half mile north and east of the old Ratle Snake mine, and about 1800 feet north of the Lieele King mine and is on the old Opportunity mine, I am in need of some finance to go ahead with mine and would like to know if you could helf me in financing a small mill, and machinery to go ahead with. Please let me know in reguard to this.

Yours very sincerely

T. J. Hayelton

COPY

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

Mr. T. J. Hazelton
Ingalls, Kansas

Subject: DMA-1892
Re: Exploration Loan
Superior and Dip Down Claims

My dear Mr. Hazelton:

This will acknowledge receipt of your application dated August 20, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-1892 and referred to the Copper Branch.

Kindly refer to DMA-1892 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

Oct 24th
Request additional

Nov 2
Manfiem

Ingalls Kans
Dec 24 1951

REGIONAL DIRECTOR'S
OFFICE
REGION IV
DEC 27 1951
BUREAU OF MINES
DENVER, COLORADO

Mr J H Carter
Executive officer
Denver Co

I am inclosing form M.F. 103 with answers as
checked if I can furnish further assistance please
let me know. Hoping you a Happy New year I am

yours truly
T J Hazlett

Ingalls Kans
Dec 24 1951

Mr J H Carter

Return to
J J Hamilton
Ingalls Kans.

DODGE CITY
DEC 26
1 PM
1951
KANS.

UNITED STATES POSTAGE
3 CENTS 3

Defense, Minerals, Administration
Mr J. H. Cast, Jr
224, new Custumhouse
Denver, 2, Colorado,

Ingalls Stans
Nov 4 1951

REGIONAL DIRECTOR'S
OFFICE
REGION IV
NOV 7 - 1951
BUREAU OF MINES
DENVER, COLORA

Mr J H Cort Jr.
Principle Officer
DM & Field Team Region IV
244 Federal Center Building
Denver, Col.

Dear Mr ~~Field Jr~~ 2.

Received your letter of oct 29 and I will try to answer your questions. By letter as I haven't any more of the MB 103 forms. The Recovery of Gold and Silver By amalgamation is just a Part of our Plans of operation as we have other Critical metals ~~Whitch~~ are (Silver, Copper, Lead, Zinc and flux and Possibly other metals, Whitch will be Recovered, By tabeling into a Concentrate this method will cut our over head Expence. We can save a lot on freight and smelting charges and also gives us a quicker Return of Whitch we are much off, as we have all Ready spent a lot of money on this mine, and can use any assistance you may give us, hoping this explains Everything Satisfactorily I am

Yours very truly
J J Hamilton
Owner operator
Ingalls Stans