DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1150

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION LOAN

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

Routing Slip

To:	SUPPLY DIVISION	Date	9-7-51
To	Reports and Records	Date	SEP 10 1951
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1150 X

To: Reports and Records Branch Otto P. Smith

From: LEAD ZINC BRANCH

Date: JUL 6 1951

The following action has been taken this date on the above Controlled Document.

Forwarded to

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

on hand - to be denied

Vje

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

SEP 10 1951

Re: DMA-1150
Otto P. Smith
Cripple Creek, Colorado
Exploration loan $7,000
Lead, zinc

a. & C.

Memorandum

To: Reports and Records Unit
Administrative Management Division

From: Chief, Lead-Zinc Branch

Subject: Denial of exploration loan

The field team does not recommend a loan for exploration on the subject property. Lead-zinc mineralization is insufficient for the development of appreciable quantities of commercial ore. After reviewing all data we agree with the field team in recommending that this loan be denied.

Returned herewith are:

2 copies MF-100
1 copy MF-103
4 copies Smelter and Assay Certificate

T. P. Billings, Chief
Lead-Zinc Branch

Approved:
Sam Lyon
Director, Supply Division

FILE COPY
SURNAME:
350

Campbell (ETM)
McDwight
Bishop

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

SEP 10 1951

Re: DMA-1150

G.E.C.

Mr. Otto P. Smith

Cripple Creek, Colorado

Dear Mr. Smith:

The Defense Minerals Administration has reviewed your application for an exploration loan on the Spring Creek mines, near Cripple Creek.

We do not consider that the property holds enough promise for any significant discovery of lead or zinc in this gold camp to warrant an expenditure of public funds on the project that you propose. I regret, therefore, that we are unable to approve an exploration loan for your project.

We wish to thank you for bringing this property to our attention.

Very truly yours,

BF 9/10

Tom Lyon
Tom Lyon, Director
Supply Division

ABCampbell:emp
G 9-7-51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. file
DMA docket files

FILE COPY
SURNAME: 350

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

SEP 1 0 1951

Newcomb (ETKW)
McKnight
Billings
Bradford

Re: DMA-1150
Otto P. Smith
Cripple Creek, Colorado
Exploration loan $7,000
Lead, zinc

Memorandum

To: Reports and Records Unit
Administrative Management Division

From: Chief, Lead-Zinc Branch

Subject: Denial of exploration loan

The field team does not recommend a loan for exploration on the subject property. Lead-zinc mineralization is insufficient for the development of appreciable quantities of commercial ore. After reviewing all data we agree with the field team in recommending that this loan be denied.

Returned herewith are:

2 copies MF-100
1 copy MF-103
4 copies Smelter and Assay Certificate

B 9/10

T. P. Billings, Chief
Lead-Zinc Branch

Approved:

Tom Lyon
Director, Supply Division

ELNewcomb:emp
G 9-6-61
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Administrators r. file
DMA docket files

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

224 New Customhouse
Denver, Colorado

June 8, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee

From: DMA Field Team, Region IV

Subject: DMA Docket 1150, Otto P. Smith, Cripple Creek, Colorado

This will acknowledge receipt of the brochure of docket DMA 1150, Otto P. Smith, Cripple Creek, Colorado.

This application has been discussed with Mr. Koschmann, Supervising Geologist, Colorado-Wyoming, U. S. Geological Survey, and Mr. Koschmann agrees with the findings of the Lead-Zinc Branch and concurs that the application should be denied.

The Cripple Creek District has never produced appreciable quantities of lead and zinc ore and it is not believed that the district ever will produce substantial amounts.

We are returning the brochure.

J. H. East, Jr.

A. H. Koschmann

Attachments

JUN 13 1951

FILE COPY
~~SURNAME:~~

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

JUN 6 1951

Lyons (& Mr.)
McKnight
Moon
Mote
Strobel

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

Re: Docket DMA-1150
Otto P. Smith
Cripple Creek, Colorado
Lead-zinc
Exploration loan

Dear Mr. East:

The Lead-Zinc Branch has reviewed the application submitted by Otto P. Smith, Cripple Creek, Colorado for a loan to explore his property in Teller County, Colorado.

The applicant proposes to open up the Spring Creek mines, formerly operated by the Montreal Gold Mining Company, in Sec. 1, T. 15, R. 70 W, 1½ miles north of Cripple Creek, Colorado. The total estimated cost of the project is $7,000. The applicant does not state clearly the exact work he proposes to undertake, but on the map accompanying the application there is shown a proposed incline to the ore zone.

Although this was a gold property, the applicant claims that there is zinc and lead on the 130 ft. level. Accompanying the application are assays dated 1948 and 1949 showing 26.5% Zn in one sample and 0.11 oz. Au, 6.1 oz. Ag, 6.4% Pb, and 8.8% Zn in the second. Location and types of samples are not indicated.

The Lead-Zinc Branch tentatively recommends the following:

As the workings are apparently all caved and the mine inaccessible for examination, the application should be denied, unless the field team may have some independent and favorable information on the deposit. Applicant states that he has called attention of Mr. Koschmann to this deposit. Possibly Mr. Koschmann may have seen the property since then or may, from his knowledge of the district, be able to make a recommendation. The application is forwarded to the field team mainly to get its concurrence on the proposed action or to allow for reversal, if this seems warranted.

Very truly yours,

L. B. Moon

Tom Lyon
Chairman
Coordinating Committee

EJLyons:emp
G. 6/5/51
Copies to:

for the Bureau of Mines
Olaf N. Rove

for the Geological Survey

Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
Adm. File

Tom Lyon
Directors r. file 4214
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

Lyons (E.T.M.)
McKnight
Mote
Strobel
Lyon
Moon

JUN 6 1951

June 5, 1951

Re: Docket DMA-1150

Mr. Otto P. Smith

Cripple Creek, Colorado

Dear Mr. Smith:

Your application (Docket DMA-1150) for a Government loan under the provisions of the Defense Production Act of 1950 has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Before final decision can be taken on your request, it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to Mr. J. H. East, Jr., Executive Officer of the Field Team, 224 New Customhouse, Denver 2, Colorado, with the request that the needed information be supplied to us.

Very truly yours,

ETMcKNIGHT:emp
G 6/5/51

Copies to: J. H. East, Jr. (2) Tom Lyon, Director
Chief, Lead-Zinc Br. Supply Division
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
Tom Lyon
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

May 11, 1951

Mr. Otto P. Smith
Cripple Creek
Colorado

Subject: DMA-1150 X
Re: Exploration loan
Bill Nye, Artic, etc.

My dear Mr. Smith:

Receipt is acknowledged of your application and attachments of May 1, 1951 for a Government loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1150 X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch, on May 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1150 X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:aec
cc: Strobel-2
Files
Mr. Herres
Mr. Lyon

Dma - 1150 X
Mr. Herrer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

REGION IV

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

May 7, 1951

Memorandum

To: Landon Strobel, Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: Application of Otto P. Smith, Cripple Creek, Colorado

We are attaching copies of Forms MF 100 and MF 103 submitted by Otto Smith of Cripple Creek, Colorado, for your consideration.

Paul T Allsman

P. T. Allsman, Alternate

Attachments

MAY 19 1951

Dma-1150 X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

REGION IV

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

May 7, 1951

Memorandum

To: Landon Strobel, Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: Application of Otto P. Smith, Cripple Creek Colorado

We are attaching copies of Forms MF 100 and MF 103 submitted by Otto Smith of Cripple Creek, Colorado, for your consideration.

P. T. Allsman, Alternate

Attachments

/cl
cc-dma files

Please note:

The writer just returned from a trip to St Louis & Chicago and no one dealer could supply all equipment needed for a small operation - and prices were simply in accord with what they figured they could get St Louis for.

REGIONAL DIRECTOR'S OFFICE
REGION IV
MAY 4 - 1951
BUREAU OF MINES
DENVER, COLORADO

Dma - 1160 X

Box 112 - Cripple Creek Colo
May 4 - 51

Messrs.
U.S. Bureau of Mines.
224 New Customs House
Denver,

Gentlemen: Attached please find assay sheets etc. omitted from application of "Spring Creek mines", yesterday.

I would appreciate the return of these.

Yours very truly
Otto J. Smith.

REGIONAL DIRECTOR'S OFFICE
REGION IV
MAY 7 - 1951
BUREAU OF MINES
DENVER, COLORADO

JAN 1 0 1951

Defense Minerals Administration

2156 1617

January 15, 1951

J. H. East, Jr., 204 New Customhouse, Denver, Colorado

REFERRED UNDER DATE 10 STATING YOU HAVE ENCLOSING LETTER FROM OTTO SMITH, CRIPPLE CREEK, COLORADO, TOGETHER WITH SKETCH OF PROPERTY FOR WHICH HE SUBMITTED LOAN APPLICATION. ENCLOSURE NOT ATTACHED TO YOUR LETTER. TO DATE WE HAVE RECEIVED NO APPLICATION FROM MR. SMITH. PLEASE CHECK YOUR OFFICE FOR ENCLOSURE.

Lowell B. Moon
Assistant to the Administrator

LBMoon:GR

Copy to: L. B. Moon
L. F. Strobel
Audits
Files

SENT

JAN 15 1951

Clerical Service Section

Form MF-100
(March 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-1150X

Date received 5/10/51

Otto P. Smith
Cripple Creek
Colorado

Name and address of applicant

Date May 1 1951

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) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin 5 months after start of operations
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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Otto Smith Cripple Creek Colorado	Owner	None	$ 6000	Sole Owner		None	None
	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	$ None	$ None	$ —	—	—
Preferred stock	$ None	$ None	$ —	—	—

*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.)	No Production				
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)	Prospect				
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.

Spring Creek Mines
(Name of company)

By Otto P. Smith
(Signature of authorized official)

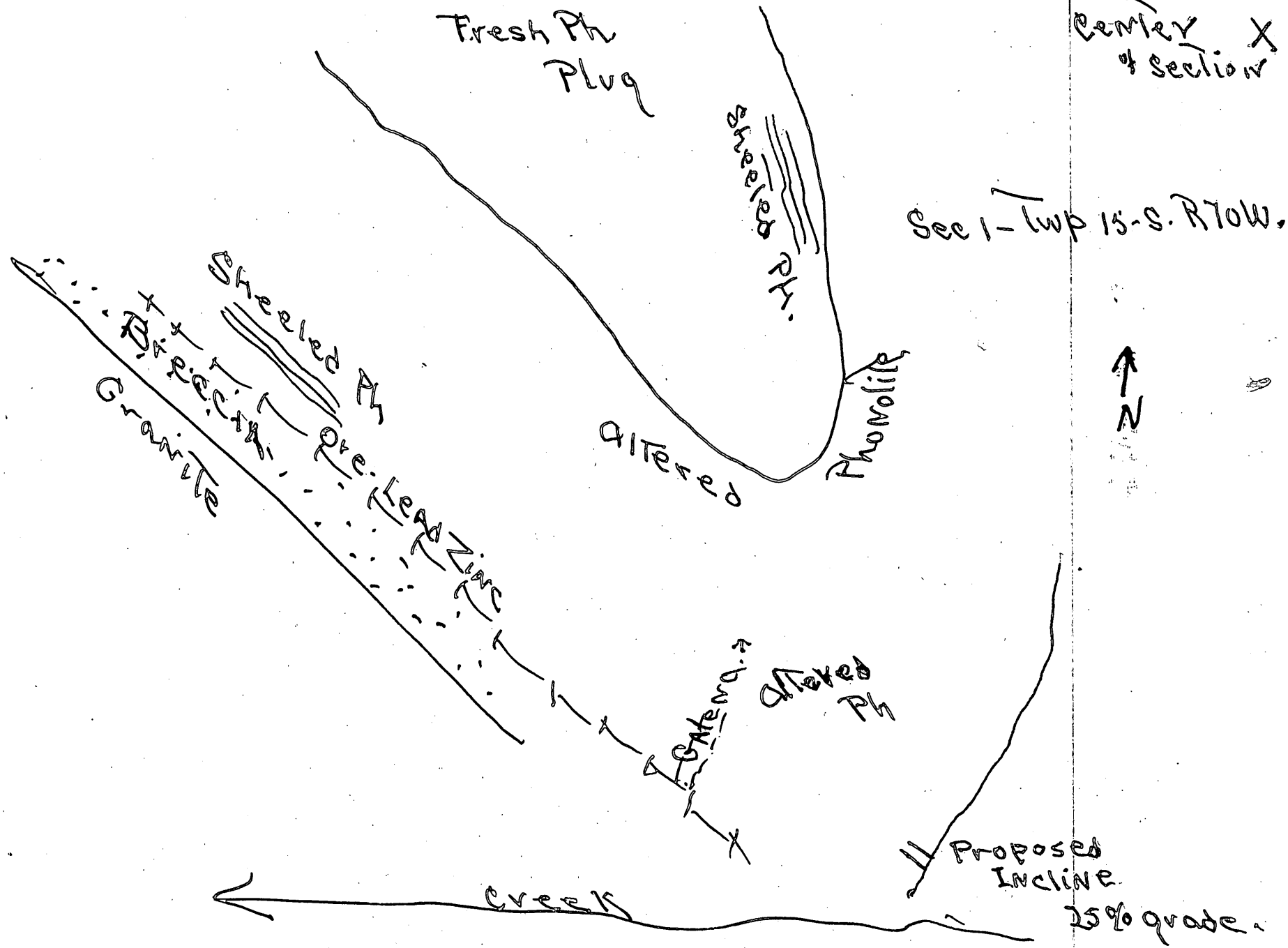
May 1 1951
(Date)

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—63792-1

Ama-1157X


Fresh Ph
Plug
Center of Section X
Sheeted Ph.
Sec 1 - Twp 15-S. R10W.
Sheeted Ph
Breccia
Ore Lead Zinc
Granite
altered
Rhyolite
N
Contact
altered Ph
Proposed Incline
25% grade.
creek

MF 100 OTTO P SMITH Cripple Creek Colo.

a-1- Lead Zinc.
b- Silver, Gold, manganese
2- a Estimated 300 feet (caved)
b Estimated 400 feet (caved)
c caved.
d shallow prospect holes (caved)
areal water expected.
3. a - 1½ miles due North of Cripple Creek, Colo.
b Cripple Creek Colorado.
c Sec - 1 - Twp 15 - R 70 W.
d Teller County Colorado.
4 - a - not in operation
5 — answered.
6 - Mucker to Shift boss - metal mines.
miner to manager in coal 1903-1945
Many years prospecting.

7 - a - All work on property (1900-1910)
was in search for gold.
some 40 000 being taken from the
upper oxidized zone.
Galena, Zinc etc. came in at the
130 ft. level. (El. 9700 ft.)
this includes the only other claim
worked in the area. (not owned)
Heavy lead & ~~zinc~~ zinc was found
below a little tunnel (El. 9350) where
proposed incline 300 ft long - 25° pitch
will give 125 ft of blocks on ore in
place.

— OTTO P SMITH —

MF 100 cont'd

7 a - Heavy Lead-Zinc was found below and little Tunnel - E 9350 - where

b - proposed incline - 25° pitch 300 ft. - long will give 125 feet of backs on one in place.

Twenty five (25) tons being taken from two rounds (8 ft.) in Winze by the late R. E. Carlton - they treated by the Holden Cycle Corp. while trying to reach original gold bearing one zone. - 1929 - No price then for lead and zinc, project abandoned.

c - none - except from two very reliable parties who worked in the Carlton Tunnel. One of them a mine superintendent.

8 - ~~[illegible]~~.

9 - "

10 - "

11 - no production

12 - a - known one lies along the left contact of a sheared phonolite plug, or dike - abt. 3000 ft long - Breccia lies between the Phonolite and the Granite at N.W. end of zone. where gold was found - Galena found at 130 ft. - no other gold occurring.

MF 100 Otto P. Smith

12- a cont'd.
The Longyear plug is wedge shaped
The sides being about 2000 ft each
the wide end - about 1800 feet.

-1- b. Assay sheets attached.
Only reports on Geology are
Lindgren 1894 - Koschmann &
Loughlin - 1934?? Koschmann
admitting in Oct, 1949, that he had
never been on either Copper or
the adjoining Rhyolite Mtn.
(the writer had protested the report
to the U.S.G.S at Washington,

12-b-2- Cannot be answered.
12-c- Not applicable.
13.- 1½ miles to highway - road at present
will be put in excellent shape by
County Commissioners if work
proposed on property.
Ore would be shipped to
Leadville. Mill or Smelter. 100 miles
14.- Creek crosses property.
Plenty of water on bed rock
along creek at all times.
15. Cannot be answered now.
16- One miner and myself can easily
care for initial development
using scraper and tail rope.

MF 100 Cont.

OTTO F. SMITH

17 – On hand – 2 tons 12 and 8 pound rails
2 – serviceable mine cars
1 – shed
1 shack (livable).

18 – None

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-1150 X

Date received 5/10/51

Participation

Name and address of applicant

Otto Smith
Cripple Creek
Colorado

Date May 1-1951

FILL IN THIS BLOCK

Date of application May 1-1951

Estimated cost $7000.

Mineral or metal Lead Zinc

Percentage of Government participation $3500

Location of mine Copper Mtn
Cripple Creek Colo.

Date of filing MF-100

DMA Docket Number, if available Dma-1150 X

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.

16—64067-1

Dma 1150 X

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.

Spring Creek Mines
(Name of company)

By [signature]
(Signature of authorized official)

May 1 - 1951
(Date)

Owner
(Title)

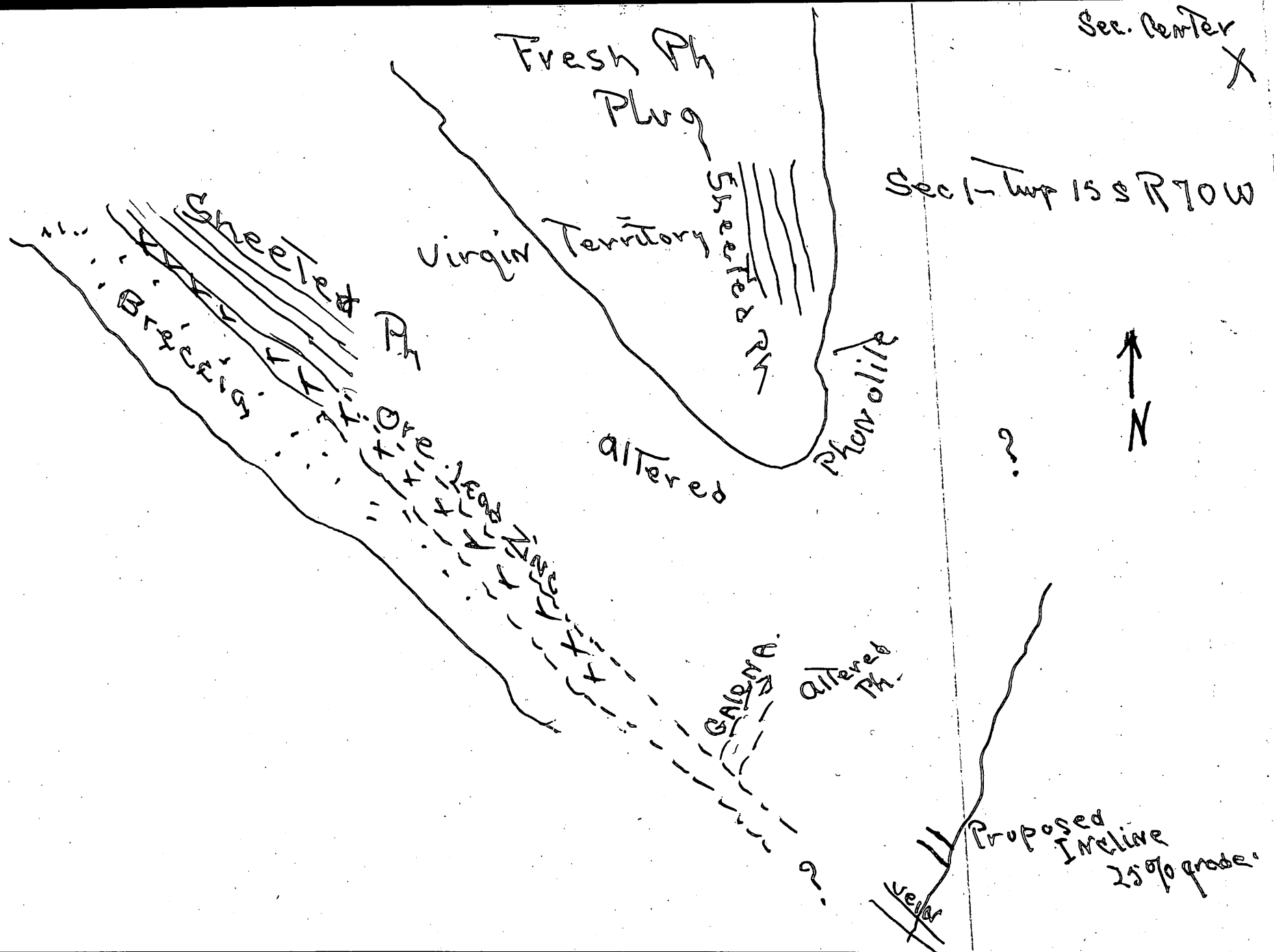
Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

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

Sec. Center X

Sec 1 - Twp 15 S R 10 W



Lma - 1150 X

M7103 Otto P Smith Cripple Creek Colo.

10-a. Claims - Bill Nye - Antic - Lost Lillie - Anna C -
Minnesota - # 9732. Ida May 12058 -
- W. J. Bryan 12323 - Rudy 10474
- b - Opening on south end of Anna C.
All in Sec - 1 - Twp 15 S R. 70 - W.
areas the same.

11 - Montreal Gold mining Co. (part)

19 The ones come in when the Fresh phonolite plug intruded a highly altered phonolite lying between granite walls.
The one so far as known strikes N.W. with another body striking North - joining at south (lower) end of property. see sketch.

23 a. Labor - @ 10.50 per day. 1 man - 10.50
b. 1 - working — 1 " 10.50
c. Nil.
d. $200. $200.
E. Impossible to check. Roughly. $4000 to $5000.00
F. none.
g. no rental necessary
H - approx total $500.
I - Fuel. power etc $1500.

24 - Exploration should be completed with all money expended in 5 months.
The applicant has sufficient income to live on, and is not above spending more than his share.

Form MF-100
(March 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-1150 X

Date received 5/10/51

Name and address of applicant

Thos. Smith
Cripple Creek
Colorado

Date May 1 - 1951

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) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin 5 months after start of operations
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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Otto P. Smith Cripple Creek Colorado	Owner	None	$8000	100	Owner	None	None
	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	$ None	$ None	$ —	—	—
Preferred stock	$ None	$ None	$ —	—	—

*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.)	Prospect — No Production				
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)	Prospect				
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.

Spring Creek Mines
(Name of company)

By Otto Smith
(Signature of authorized official)

May 1st 1951
(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—63792-1

MF.100. OTTO SMITH Cripple Creek Colo.

a.1 - Lead - Zinc.
b. Silver, Gold, Manganese.

2 - a. Estimated 300 feet. Caved
b - " 400 " "
c. caved no record
d shallow prospect holes caved.
areal water is expected.

3 - a. 1½ miles due north of Cripple Creek.
b - Cripple Creek Colorado
c - Sec 1 - Twp 15 - R 70 W.
d - Teller County Colorado.

4 - a - Not in operation.

5 - answered.

6 - Mucker to shift boss in hard rock.
Miner to manager in Coal.
Plus many years prospecting.

7. a. All work on property was in search of gold. Some 90 000 taken from the upper oxidized zone at N.W. end of zone. (1900-1910)
Galena zinc ch came in at 130 ft level El. 9700 ft.
This includes the only other claim worked on the area (Not owned)

7. a - Twenty five tons of Galena were
b taken from a winze - 8 ft. deep - by the late G. E. Cortland, then head of the Golden Cycle Corp., while trying to reach the upper oxidized zone - 1929 -

MF100 Otto P. Smith Cripple Creek Colo

7-a No price lists for Lead Zinc.
b Project abandoned
c- None except for two very reliable ~~of~~ parties who worked in Carlton Tunnel, one of them a mine Supt.

8-9-10 Answered.

11 no production.

12-a- Known ~~ore~~ ore lies along left side of a sheeted Phonolite dike or plug - about 3000 feet long. Breccia lies between the Phonolite and the Granite wall. at the N.W. end of zone where gold was found. Galena came in at 130 feet, no more gold was found. The intrusive plug is very irregular the sides being about 2000 ft long the ends about 1800 ft.

12-b-1 - Assays attached
Only reports on Nelson were by Lindgren - 1904 - and Koschmann and Loughlin 1934??
Koschmann admitting to the writer that (1949) he had never been on Copper or on the adjacent Mt. Phonolite.
(The writer had protested the report to the U.S.B.S. in Washington)

12-b-2 - Cannot be answered
12-b-c Not applicable

MF.100. Otto Smith Cripple Creek Colo.

13. 1½ miles to highway. Road present will be put in excellent condition by County Commissioners if work starts

Ore would go to Leadville Smelter - 100 miles away.

14 Creek crosses property. Plenty of water on bed rock at all times.

15 Cannot by amount.

16. One miner and myself can easily do initial development, using drag line and scraper.

17 2 tons rails - 12-8 pound - on hand
2 mine cars,
1 chest
1 chest - on the road.

18 — None.

Form MF-103
(April 195[illegible])

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-1150 X

Date received 5/10/51

Participation

Name and address of applicant

Otto Smith
Cripple Creek
Colorado

Date May 1-1951

FILL IN THIS BLOCK

Date of application May 1st 1951

Estimated cost $7000.

Mineral or metal Lead Zinc

Percentage of Government participation 3500.

Location of mine Copper Mt
Cripple Creek Colo.

Date of filing MF-100

DMA Docket Number, if available Dma-1150 X

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.

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

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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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

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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.

Spring Creek Mines
(Name of company)

By Otto P. Smith
(Signature of authorized official)

May 1st 1951
(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.

*Same as footnote on page 1.

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

Form MF-103
(April 195[illegible])

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-1150 X

Date received 5/10/51

Participation

Name and address of applicant

Elliot Smith
Cripple Creek
Colorado

Hold

Date May 1st 1951

FILL IN THIS BLOCK

Date of application May 1-1951

Estimated cost $7000

Mineral or metal Lead, Zinc

Percentage of Government participation $3500

Location of mine Copper Mtn.
Cripple Creek Colo.

Date of filing MF-100

DMA Docket Number, if available Dma-1150 X

INSTRUCTIONS

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16—64067-1

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(Name of company)

By [signature]
(Signature of authorized official)

May 1st 1951
(Date)

Owner
(Title)

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*Same as footnote on page 1.

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

WF 103 Otto P Smith Cripple Creek Colo.

10-a. Claims Bill Nye - Austin, Lost Lillie, Minnehaha Cinna C. # 9732.
Ida May # 12058, W.J. Bryan 12323 Rudy # 10474.

b - opening on south (lowest) end of property. All in Sec 1 - Twp 15 S. R. 70 W.

11 - Montreal Gold mining Co.

19 - The one coming in when the Fresh Phonolite plug intruded a highly altered phonolite lying between granite walls.
The one so far as known strikes N.W. With another body striking North joining at south end (lowest) of property. See sketch.

23-a-Labor. 1 man @ $10.50 per day $10.50
b 1 Working foreman " " " 10.50
c Nil $200.
d $200
e Impossible to check. Roughly $4000 to 5000.
f none
g no rental necessary $500.
h approx Total $1500.
i Fuel - Powder etc

24 Exploration should be completed with all money expended in Five months.
The applicants ~~[illegible]~~ has sufficient income to live on, and is not above expending more than his share.

MF.103 Otto Smith Cripple Creek Colo.

10-a Claims Bill Nye, Critic, Lost Lilie Emma C,
Minnesota - #9732 - 2da Mary 12058
W.J. Bryan 12323, Ruby 10474

-b- Portal on South end of Emma C.
all in Sec 1 - Twp 15 S, R 70 W.
Areas the same.

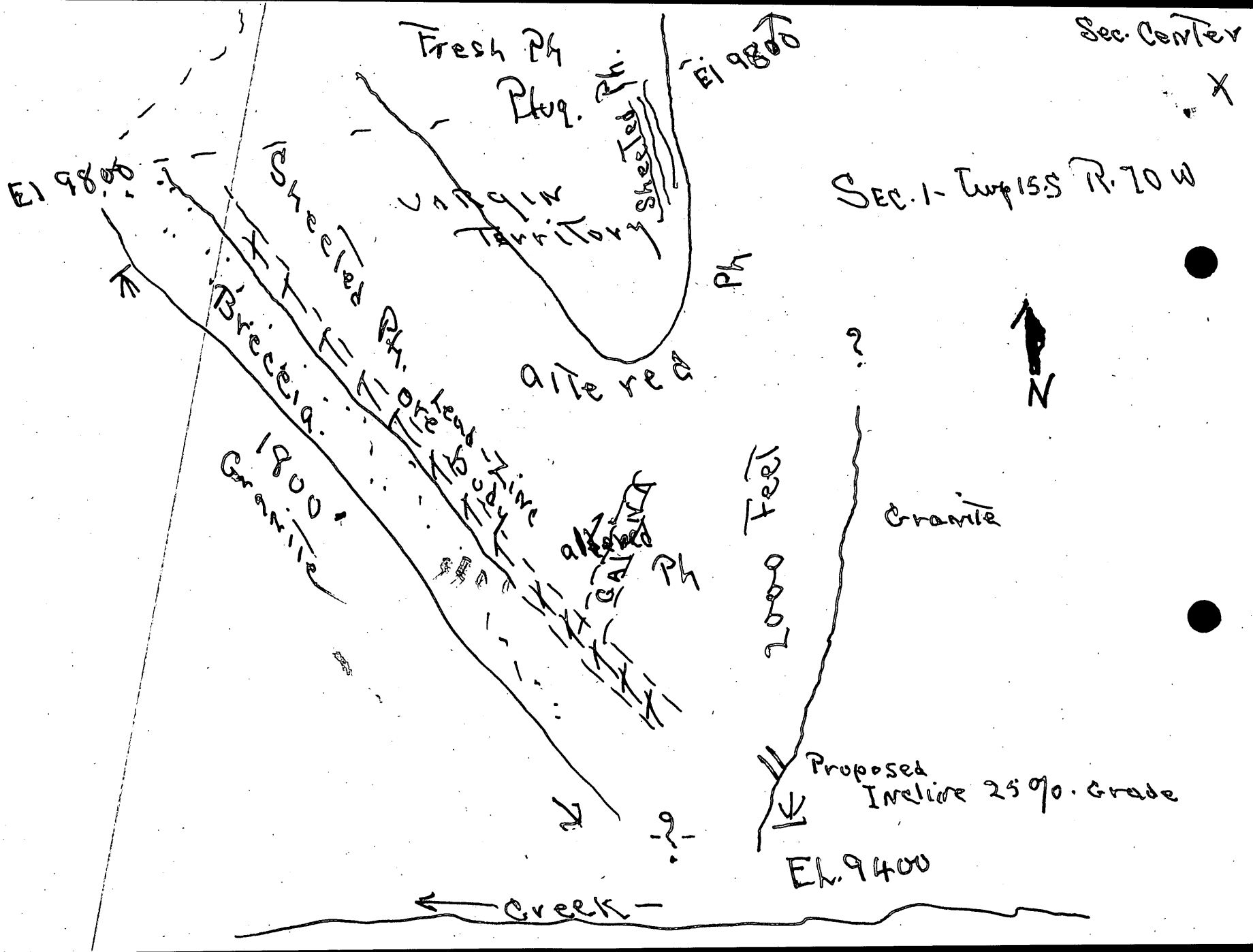
11- Montreal Gold mining Co.

19- The one came in when the Fresh Phonolite Plug - intruded a highly altered phonolite lying between granite walls The one so far as known strikes N.W. with another body striking N. joining at south (lowest) end of property.

23 - a - Labor $10.50 per day — 1 man $10.50
b 1 working foreman - 1 " 10.50
C Nil $200.
D $200 ——
E. Impossible to check Roughly $4000 to 5000
F none
G No rental necessary $500.
H approx total
I Fuel - Powder etc 1500.

24 - Exploration should be completed with all money expended in Five (5) months The applicant has sufficient income to live on, and is not above spending more than his share

dna - 1150 K


Sec. Center
X
Fresh Ph
Plug. Ph
El 9800
sheared
Sec. 1 - Twp 15S R. 70 W
Vanquin Territory
Ph
altered
El 9800
Sheared Ph.
Breccia.
1800
Granite
altered
Ph
Feet
2000
?
N
Granite
Proposed
Incline 25% Grade
El. 9400
?
Creek

Form MF-100
(March 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-1150X

Date received 5/10/51

Name and address of applicant

Date May 1 1951

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) Necessity Certificate pursuant to the provisions of Sec. 124–A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin 5 months after beginning operations
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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Otto P. Smith	Owner	None	$8000	—	—	None	None
Cripple Creek							
Colorado							
	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: None

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$ None	$ None	$ —	—	—
Preferred stock	$ None	$ None	$ —	—	—

*Indicate period covered.

10. Production: None

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)		No Production.			
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)	Prospect.				
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.

Spring Creek Mines
(Name of company)

By Elmer Smith
(Signature of authorized official)

May 1, 1951
(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—63792-1

Form MF-100
(March 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-1150 X

Date received 5/10/51

Otto P. Smith
Cripple Creek
Colorado

Name and address of applicant

Date May 1. 1951

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) Necessity Certificate pursuant to the provisions of Sec. 124–A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) 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.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin 5 months after start of operations
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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
W. B. Smith Cripple Creek Colorado	Owner	None	$8000.	Owner		None	None
	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 None	$ None	$ —	$ —	—	—
Preferred stock None	$ None	$ —	$ —	—	—

*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.)	No Production				
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)	Prospect				
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.

Spring Creek Mines
(Name of company)

By [signature]
(Signature of authorized official)

May 1 1951
(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—63792-1

Form ~~[illegible]~~ M 100 Otto P Smith
Cripple Creek Colo

#1- Lead-Zinc.
B- Silver-Gold. Manganese.

2-
a. Est. 300 Feet. (caved) Old (1900-1910) workings.
b " 400.
c. caved - no record
d shallow prospect holes. caved
areal water is expected

3- a. 1½ miles due north of Cripple Creek
b - Cripple Creek Colorado.
c Sec. 1- 15 - R-70 W.
d Teller - Colorado.

4 - a. Not in operation
5 - answered.
Mucker to Shift Boss in Hard Rock
6 - Miner to Manager in Coal.
plus many years prospecting.
~~5 - answered~~
7 - a. all work done on property
was in search of gold.
Some $10.000. being taken from
the upper oxidized zone. (1900.1910)
Galena - Zinc etc came in at
the 130 ft level. El. 9700 ft.
this includes the only other
claim worked in the area. (Not owned)

MF 100 — Otto P. Smith — Cripple Creek, Colo.

7-a-b. Twenty five tons (25) being taken galena ore from two rounds (8 ft) in white fly the late A.E. Carlton then head of the Golden Cycle Corp. while trying to reach oxidized gold bearing ore zone (1929). No price then for lead and zinc. Project abandoned.

— c None except from two very reliable parties who worked in Carlton Tunnel. and then a mine bust.

8-9-10 — answered on Form MF 100.

11 — no production.

12-a. Known ore lies along the left side of a sheared phonolite fly or dike. about 3000 feet long. Breccia lies between the phonolite and the granite at NW. End of zone, where the gold was found. Galena came in at 130 feet no further gold occurrence.

The mineline fly is wedge shaped, the sides being about 2000 ft - the wide end 1800.

12-b-1. assay sheets attached.

Only reports on Geology are Lindgren 1894 - Koschmann and Loughlin 1934?? Koschmann advising in Oct 1949 that he had never been on either Copper or the adjoining Phyllite Mt. (the writer had forwarded the report to the U.S.G.S. Survey at Washington.

MF. 100 Otto F. Smith, Cripple Creek, Colo.

12 b - 2 cannot be answered.

12 - b - c Not applicable.

13 - 1½ miles to highway, road at present will be put in excellent condition by County Commissioners if work started on property.

One would go to Leadville - 100 miles mill or smelter.

14 Creek crosses property, plenty of water at hand nearly at all times.

15 - Cannot be answered.

16 - One miner and myself can easily care for initial development. using scraper and bail rope.

17 - On hand 2 tons 12 and 8 pound rails
2 - serviceable mine cars.
1 - chest.
1 - shack (liveable)

18 - none.

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-1150 X

Date received 5/10/51

Participation

Name and address of applicant

Owen P. Smith
Cripple Creek
Colorado

Date May 1 1951

FILL IN THIS BLOCK

Date of application May 1 - 1951

Estimated cost $7000.

Mineral or metal

Percentage of Government participation $3500.

Location of mine Copper Mt
Cripple Creek, Colo.

Date of filing MF-100

DMA Docket Number, if available dma-1150 X

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? Individual

*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. metal mining - Coal Mining - Prospecting - Canada & U.S.

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

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. — —

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. assets $600. liabilities - None

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)? $3500. yes.

*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. See attached list.

(*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? Lead, Zinc

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

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.

Spring Creek Mines
(Name of company)

By Otto Smith
(Signature of authorized official)

May 1 — 1951
(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.

*Same as footnote on page 1.

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

Form M.F. 100. Otto P Smith Cripple Creek Colo.

1 - Lead Zinc
b - Silver Gold, manganese.
2 - a. Estimated 300 ft. caved
b " 400 ft "
c. caved - no record
d shallow prospect holes (caved.
Great water expected.
3 - a. 1½ miles due north of Cripple Creek.
b Cripple Creek Colorado.
c. Sec - 1 - Twp 15 - R-70 W.
d Teller County Colorado.
4 - a - Not in operation.
5 - unnamed
6 - Miner & Shift Boss - Hard rock.
Miner to manager in Coal.
Plus many years prospecting.
7 - a - All work done on property was searching for gold. Some $90 000.
b being taken (1900 - 1910) from the upper oxidized zone.
Galena zinc etc came in at 130 foot level (El. 9700 ft). This includes the only other claim worked. (Not owned)
25 Tons galena etc being taken from two roadbeds (8 ft) in winze by the late A. E. Carlson in 1929 - then head of the Golden Cycle Corp. while trying to reach Gold Zone. No price for lead & zinc then - Project was abandoned.

MF.100 Otto P Smith Cripple Creek Colo:

7-c- None Except from two very reliable men who worked in Carlton Tunnel. One of the a mine Supt.

8-9-10 Unanswered.

11 - no production

12-a- Known ore lies along left side of a sheeted phonolite dike or plug, about 2000 ft long. Breccia lies between the Phonolite and the Syenite at N.W. end of zone, where the gold occurred. Sealing Cave in at 130 ft level.

No further gold occurred.

The intrusive plug is wedge shaped the sides being about 2000 ft, the wide end about 1800.

12-b-1- Assay sheets attached.

Only report on Geology are Lindgren 1894 - and Koschmann and Loughlin about 1934. Koschmann admitting in 1949, that he had never been on Copper, or the adjacent Phyllite Mt.

The Writer has presented the report to the U.S.G.S. at Washington

12-b-2. Cannot be answered.

12-b-c. Not applicable.

MF 100 Colo P Smith Cripple Creek Colo.

13 - 1 1/2 miles to highway. Road at present would be just as excellent should by County Commissioners if would started on property. One would go to Gardinville smelter

14 - Creek crosses property. Plenty of water as they work at all times

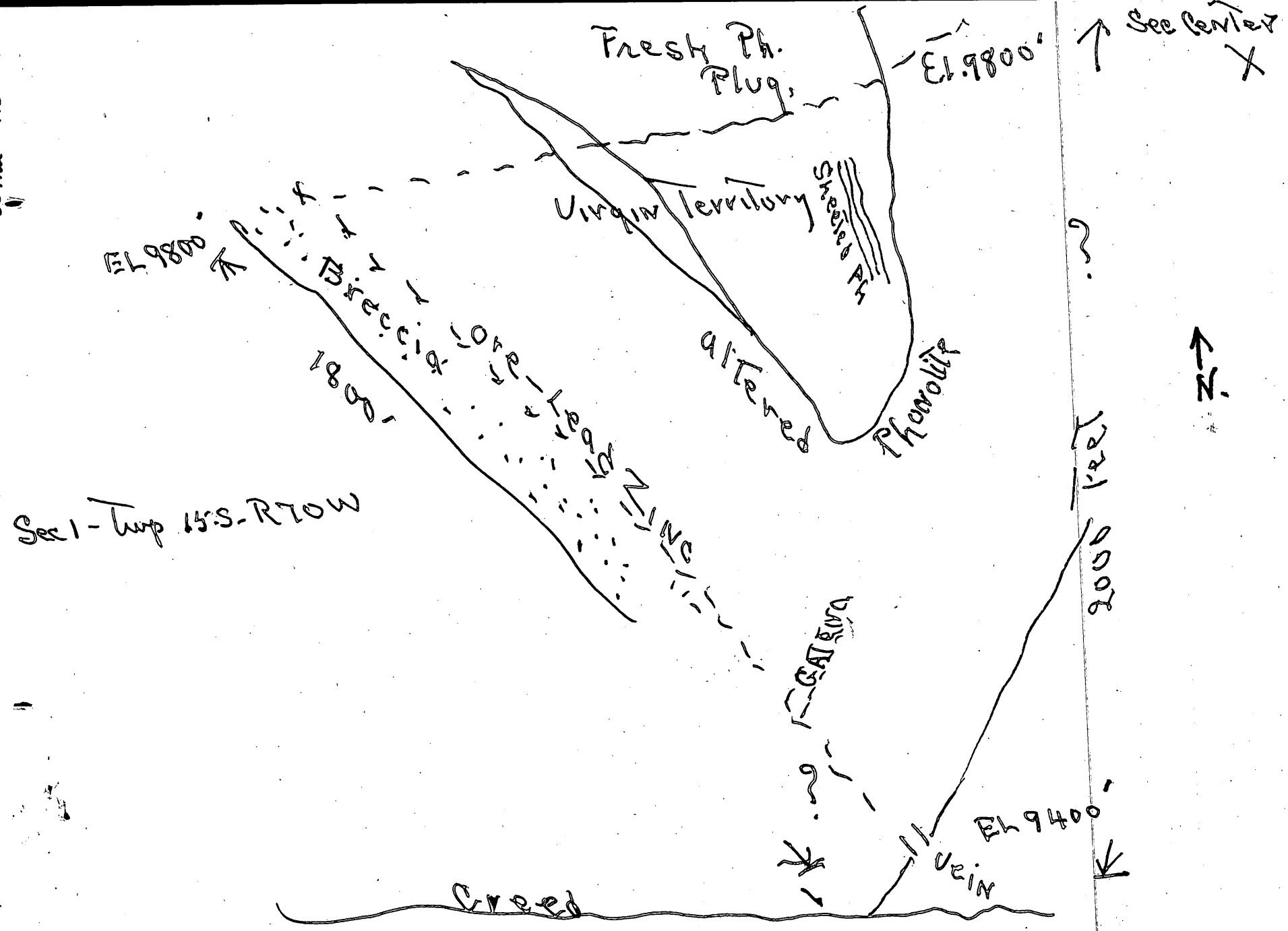
15 Cannot be answered.

16 - One miner and myself can easily care for initial development using scraper and drag line.

17 On hand 2 tons - 12 and 8 pound rails
2 usable mine cars.
1 chest
1 chest (usable)

18 - None

Sma - 1157 X


Fresh Ph.
Plug.
El. 9800'
See Center
Virgin territory
Sheeted Ph
altered
Phonolite
El. 9800'
Breccia Ore - Lead Zinc
1800'
Sec 1 - Twp 15 S - R 70 W
Gal Riva
Vein
El. 9400'
Creed
2000' Trail
N.

MF 103. Otto B Smith Cripple Creek Colo

10-a- Claims Bull Dog, Arctic, Lost Lillie
Emma C. Minnehaha. #9732.
Lola May 12058, W of Bryan 12323.
Rudy 10474.

b- Portal on South end of Emma C.
all in Sec 1 — Twp 15 S R. 70 W.

11 Montreal Gold Mining Co.

19 The ore came in with the Fresh Phonolite plug intruded slightly altered phonolite lying between granite walls.
The ore so far as known strikes N.W. with another body striking N. joining at South end (lowest) of property.
See sketch.

23 — a - Labor @ $10.50 per day 1 man $10.50
b - 1 Working — 1 man $10.50
c - Nil.
d - $200 $ $
E - Impossible to ~~estimate~~ check. Abt 4000 — 5000
F - None
g - No rental necessary $500.
H - approx Total $15.00
I Fuel — Power etc

24 Exploration should be completed with all money expended in Five (5) months.
The applicant has sufficient income to live on and is not above spending more that this share.

AMERICAN SMELTING & REFINING CO.
COLORADO DEPARTMENT
FIRST NATIONAL BANK BUILDING - DENVER, COLORADO

J. PAUL HARRISON
MANAGER

January 17, 1949.

Mr. Otto Smith
Cripple Creek, Colorado

Dear Sir:

In reply to your letter of January 13, 1949, and with reference to your letter from Mr. Welch dated December 28, 1948 with attached assay report, I am enclosing a copy of our mill schedule No. 66-A which I have used in calculating for you a return on the grade of ore as represented by your sample which gave the following assays.

Gold	Silver	Lead	Zinc
.11	6.1	6.4	8.8

Under this schedule and at present metal prices ore of the grade and character as shown would give you a net return of approximately $30.00 per net dry ton delivered at the Leadville Milling Unit in Leadville.

As suggested in Mr. Welch's letter I will ask you to please forward a 100 pound representative sample to

Mr. R. A. Blake, Supt.
Leadville Milling Unit
American Smelting and Ref. Co.
Leadville, Colo.

upon which suitable mill tests can be performed to determine whether your ore is amenable to our present milling procedure. After these results are obtained I will then advise you if the mill can satisfactorily handle your material and if so, issue a schedule which will apply in the purchase of your tonnage.

In the meantime if I can furnish you any additional information please let me know.

Yours very truly,

Max E. Coats

MAX E. COATS.

MEC:b

AMERICAN SMELTING AND REFINING COMPANY
UTAH DEPARTMENT
700 PACIFIC NATIONAL LIFE BUILDING
SALT LAKE CITY 1, UTAH

December 28, 1948

Mr. Otto Smith
Cripple Creek
Colorado

Dear Mr. Smith:

We have assayed the sample submitted to this office with your letter of December 15, with the results shown on the attached report.

Inasmuch as you undoubtedly will need the zinc payment in order to make such ore commercial, I suggest that the ore be handled through our mill at Leadville, Colorado. If you have not already sent samples to our Leadville Mill, I suggest you do so, at the same time sending a letter of instructions to Mr. Paul J. Harrison, Manager, American Smelting and Refining Company, 607 First National Bank Building, Denver, Colorado.

So that Mr. Harrison will be acquainted with the situation, I am sending a copy of this letter to him, together with a copy of the assay report.

Yours truly,

Reed F. Welch

REED F. WELCH.

RFW/rp

cc; J. P. Harrison

ROY STOTT
ASSAYER

..... 19 .....

400 East Bennett Phone 72

The Samples Assayed for O.P.SMITH

gave the following results per ton of 2,000 pounds:

MARK	GOLD ozs.	GOLD hdth.	SILVER ozs.	SILVER hdth.	GOLD VALUE At oz.	Per Cent	Per Cent
X			12.00				0.05%

ROY STOTT, ASSAYER

By .....

A. 13365

1
168) 2640 (
16
104

5280

119.5
9

2640
16.5
13200
2640
~~39600~~

880
3
2640.
2640
105600
7584 0
280

A H Bebee

B[illegible]

Colo Sp—s

1076.

FORM 10-47
SMELTER
GARFIELD, UTAH

ASSAY REPORT

AMERICAN SMELTING AND REFINING COMPANY

UTAH MINING AND SMELTING DEPARTMENTS

700 PACIFIC NATIONAL LIFE BUILDING, SALT LAKE CITY 1, UTAH

PURCHASERS OF GOLD, SILVER, COPPER, LEAD AND ZINC ORES AND CONCENTRATES

MINE Otto Smith

SAMPLE NO. 4645

ADDRESS Cripple Creek, Colorado

DATE December 27, 1948

No.	Class	Gold ozs./ton	Silver ozs./ton	Lead Per Cent	Copper Per Cent	Zinc Per Cent	Insoluble Per Cent	Iron Per Cent	Lime Per Cent	Sulphur Per Cent	Arsenic Per Cent	Antimony Per Cent	Mn.
1		.11	6.1	6.4		8.8							17.0

Please Return.

REMARKS

ASSAYER M L Karstens

AMERICAN SMELTING AND REFINING COMPANY
ARKANSAS VALLEY PLANT

P. O. Box 973
LEADVILLE, COLORADO

Dec. 8, 1948

Mr. Otto Smith
Cripple Creek, Colo.

Dear Sir:

Following is the zinc determination on the sample you sent us recently:

Zinc 26.5

Very truly yours,

Leo Hennebach, Supt.

EJK:md

This is a sample copy only. Schedu[illegible] apply in settlement will be iss[illegible]d only after s[illegible]ple of ore has been submitted for testing purposes.

AMERICAN SMELTING AND REFINING COMPANY
Leadville Milling Unit

Schedule No. 66-A

All schedules on ore not under contract for a definite period of time are subject to change or termination without notice.

Quotations for Lead-zinc Milling ore Date January 1, 1948

Name "Open Schedule" Effective As authorized for specific shippers

Shipping Point _____

PAYMENTS

GOLD: If 0.03 Troy oz. per dry ton or over, pay for 70 % at $19.00 per Troy oz. plus 90% of the amount by which the "Realized price" exceeds the former Mint price of $20.67+ per oz. (At the present realized price of $34.9125 per oz., this is equivalent to paying for 70 % at $31.81825 per oz.)

SILVER: If 1.0 Troy oz. per dry ton or over, pay for 70 % at the realized Mint price ($0.90 per oz. at present), provided silver qualifies for Government purchase and affidavit is furnished, or, if Seller so elects in advance, at the Handy and Harman New York quotation for silver. Minimum deduction 1.0 Troy oz. per ton.

LEAD: If the sulphide lead assay is 1.5 % or over, deduct from the sulphide lead assay 0.5 and pay for 75 % of the remainder at the A. S. & R. Co. New York quotation for common desilverized domestic lead less 2.45 cents per pound. No payment will be made for non-sulphide lead, or sulphide lead less than 1.5 % assay.

ZINC: If the sulphide zinc assay is 3.0 % or over, deduct 1.5 from the sulphide zinc assay and pay for 50 % of the remainder at the E.&M.J. East St. Louis quotation for Prime Western zinc less 2.75 cents per pound.

No payment will be made for any metal or content except as above specified.

QUOTATIONAL PERIOD: For the purpose of determining metal payments, each quotation specified for Silver, Lead and Zinc shall be the average of the daily published quotations for the calendar week including the date of delivery at Buyer's Mill.

DEDUCTIONS

BASE CHARGE: $ 3.70 per net dry ton of 2000 pounds.

SMALL LOTS: There will be a sampling charge of $10.00 on any lot containing less than forty dry tons.

DELIVERY: F.O.B. bins of Buyer's Mill at Leadville, Colorado.

Attention is called to additional clauses on the back of this sheet.

GENERAL CLAUSES COVERING ALL SCHEDULES

WEIGHING, SAMPLING AND ASSAYING: Weighing and sampling (at which Seller or a representative may be present) as done by Buyer according to standard practice, promptly after receipt of product, will be accepted as final. The absence of Seller or a representative shall be deemed a waiver of the right in each instance. After sampling, the product may be placed in process, commingled, or otherwise disposed of by Buyer. In case of disagreement on assays, an umpire shall be selected in rotation from a list mutually agreed upon, whose assay shall be final if within the limits of the assays of the two parties, and if not, the assay of the party nearer to the umpire shall prevail. Losing party shall pay cost of umpire. In case of Seller's failure to make or submit assay, Buyer's assay shall govern.

DEFINITIONS: A ton is 2000 pounds avoirdupois. As applied to gold and silver, an ounce means a Troy ounce. A unit is 1% of a ton, or 20 pounds. The date of delivery is the date of arrival of the last car or truckload of each lot.

FREIGHT AND HAULING: In order that delivery of the ore to our plant may not be unnecessarily delayed, we make it a general rule that, unless other arrangements have been previously made, the freight and/or hauling charges on shipments to us must either be prepaid or guaranteed by the shipper.

TAXES: Federal or State taxes, if any, in respect to ores or metals purchased hereunder shall be for the account of the shipper, and may be charged as a deduction from the purchase price payable on the schedule.

EXPIRATION: Should ninety days elapse before you make shipment on this schedule, it will be necessary for you to take the matter up with us again for confirmation of the rate, because our conditions of purchase may change from time to time.

FORCE MAJEURE: Cessation of operation of Buyer's Mill caused by act of nature, strike, fire, flood, traffic interruption, delay in transportation, war, insurrection or mob violence, requirement or regulation of Government, financial crisis, failure of ore supply or other operating requirement, or any disabling cause, without regard to the foregoing enumeration, beyond Buyer's control, shall entitle the Buyer to suspend or terminate this schedule.

SUSPENSION OF QUOTATIONS: In the event of a suspension of quotations for any cause, resulting in the absence of quotations for the period specified in the schedule as applicable to any lot of product, the quotations to be used in the case of each such lot will be those which would be applicable if the date of arrival of the material at Buyer's Mill occurred that number of days after the date of actual arrival as shall equal the total number of days during which quotations were suspended; and settlement will be made in respect to any metal or metals so affected as soon as such deferred quotations are available, if settlement shall then be due.