224 New Customhouse
Denver 2, Colorado

August 28, 1952

Mr. Fred K. Olsen
Box 425
Durango, Colorado

Re: Docket No. DMA-2032

Dear Mr. Olsen:

We have cancelled your application for exploration assistance under docket number DMA-2032 in accordance with your verbal instructions to Messrs. R. D. Berkenkotter and Scott W. Hazen, Jr. on August 13, 1952.

Very truly yours,

W. H. King

W. H. King
Executive Officer
DMEA Field Team, Region IV

JFS:fwo JFS

cc: Sec. Oper. Comm.
W.M.Traver,Jr.
Subject
Chron
Koschmann (2)

224 New Customhouse
Denver 2, Colorado

August 28, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket Number DMA-2032 (Antimony), Fred E. and H. L. Olsen, Lulu Stibnite Claim, San Juan County, Colorado

Enclosed are four (4) copies of a memorandum report by Richard D. Berkenkotter, Bureau of Mines engineer, covering docket number DMA-2032. We have accordingly placed the application in our inactive file. Also enclosed is a copy of a letter to the applicant.

W. H. King
W. H. King

Enclosure

JFS:fwo

cc: Traver
Subject
Koschmann (2)
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Date Rec'd.
AUG 27 1952
BUREAU OF MINES
Denver, Colorado

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

August 25, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMA 2032 (Antimony), Fred E. and H. L. Olsen, applicants; Lulu Stibnite claim, San Juan County, Colorado

Attached please find the original and one copy of Richard D. Berkenkotter's memorandum covering requested cancellation of the above loan request for the Region IV Field Team's information and action.

W. M. Traver, Jr.

W. M. Traver, Jr.

WMT/bam

cc WHKing
DMEA 2032
Chron.

Brochure?

Mary!

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

August 25, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMA 2032 (Antimony), Fred E. and H. L. Olsen, applicants; Lulu Stibnite claim, San Juan County, Colorado

Attached please find the original and one copy of Richard D. Berkenkotter's memorandum covering requested cancellation of the above loan request for the Region IV Field Team's information and action.

W. M. Traver, Jr.

W. M. Traver, Jr.

WMT/bam

cc WHKing
DMEA 2032
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

August 22, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division, Region IV

From: Richard D. Berkenkotter

Subject: DMA 2032 (Antimony), Fred E. and H. L. Olsen, applicants; Lulu Stibnite claim, San Juan County, Colorado

R. D. Berkenkotter and Scott W. Hazen, Jr., accompanied by Fred E. Olsen, applicant, made a field examination of the Lulu Stibnite claim on August 13, 1952.

The claim is located west of Molas Lake which, in turn, is about 5 miles south of Silverton, Colorado. The description of the route to follow to visit the workings is as follows:

> Begin at the sign marking the road cutting off to Molas Lake on U. S. Highway 550; travel 1.3 miles south and west toward Durango at which point is a rather sharp lefthand curve on the main highway; just after entering the curve, an old wagon road turns sharply to the right from the main road; follow this old rough stage road westward past Little Molas Lake and at 0.9 miles there is evidence of an old sheep pen which is now wire enclosed; after skirting around this to the south, the road is passable for another 1/2 mile at which point a steeply eroded gully cuts across the road. Continue on foot for approximately 1/4 mile on the old road tracks; then turn westerly off the road up and across a shallow ridge by way of a small saddle between limestone ridges. The route then follows along the strike of an east-west vein which is readily discernible by a brownish, iron-stained outcrop. From the top of the saddle it is about 1/4 mile westward to the Lulu Stibnite claim.

Olsen located the claim in 1950 on old workings along the strike of a vein running roughly north and south. The mine workings examined amounted to two open pits, one of which was 10-12 feet in

diameter and at this time was only 4 feet deep. It was, no doubt, several feet deeper when originally dug, probably around 1890. Olsen has done a little scratching around in a smaller pit just below the larger one. No real effort had been made to expose the vein. The larger pit was slumped and partially caved and washed full of debris so that little more than the outcrop could be examined. Examination of the rock on the dump revealed considerable evidence of the antimony mineral stibnite. One large boulder about 18 inches across was broken open and was estimated to contain 8 to 10 percent stibnite. Other smaller boulders indicated antimony crystals had been leached out or there were minor pieces of crystals remaining. However, digging in the slumped sides of the larger pit did not show any ore in place. It cannot be said, however, that there is no ore in place in the pit and it would require one or two days to clean out the pit to expose the entire vein sufficiently for thorough inspection and sampling of the unleached vein material. Olsen stated he does not desire to continue with the project or do any further work on the claim, and, accordingly, no additional examination work was attempted.

The exposure of the vein examined occurs in limestone beds which cover a major portion of the immediate vicinity west of Molas Lake. Olsen stated that he has traced the vein for more than 2 miles to the north where it crosses over the top of Sultan Mountain and, also, that intermittently along the vein outcrop, especially near the top of the mountain, he had found additional evidences of antimony. He admitted that the vein was poorly exposed between the point of our examination and the base of the mountain which is a little over 1 mile to the north. Any work contemplated at a future time would necessitate trenching, presumably by bulldozer, to establish definite continuity of the vein and testpitting at intervals to determine if the antimony mineralization is present in pockets or distributed throughout the vein over the reported distance. The southerly portion of the vein would be accessible to bulldozer work and could be reached by jeep with some road work.

Olsen requested that our report state that he asks that the application be withdrawn. He signified that he is unable or not interested enough to write a letter on his own behalf to the Executive Officer of the Region IV Field Team requesting the withdrawal.

Richard D. Berkenkotter

Richard D. Berkenkotter
Mining Engineer

SWH:dd/bam

cc WHKing
DMEA 2032
Chron.

224 New Customhouse
Denver 2, Colorado

October 11, 1950

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: Executive Officer, DMA Field Team, Region IV

Subject: DMA Docket 2032, Fred E. and E. L. Olsen, applicants, Lulu Stibnite Claim, San Juan County, Colorado

Mr. Fred E. Olsen has informed us that his stibnite claim is at a high elevation on the mountain west of U. S. Highway 550, between Molas Lake and Silverton. The outcrops are on a very steep, cliff-like mountain side, and their examination at this time would be too dangerous over the snow and ice now present.

Olsen requested that the examination be deferred until July, 1952.

J. H. East, Jr.

J. H. East, Jr.

MDM:oj
cc:WMTraver, Jr.
AHKoschmann
DMA Subject and Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
DENVER, COLORADO

Mining Division
Date Rec'd.
OCT 10 1951
BUREAU OF MINES
Denver, Colorado

Region IV

Building 20
Denver Federal Center
October 9, 1951

Memorandum

To: Chief, Mining Division, Region IV

From: Chief, Colorado Branch, Mining Division

Subject: DMA Docket 2032, Fred E. and H. L. Olsen, applicants; Lulu Stibnite Claim, San Juan County, Colo.

Attached please find two copies of Hazen's memorandum concerning postponement of an investigation of the subject docket. A deposit containing 8 percent antimony is of unusual interest but, from its location, access apparently will be difficult even under the best conditions. Examination will be made next summer when the area is accessible.

W. M. Traver, Jr.

W. M. Traver, Jr.

attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
DENVER, COLORADO

Region IV

Building 20
Denver Federal Center
October 8, 1951

Memorandum

To: W. M. Traver, Jr.

From: Scott W. Hazen, Jr.

Subject: DMA Docket 2032, Fred E. and H. L. Olsen, applicants; Lulu Stibnite Claim, San Juan County, Colorado

I contacted Fred Olsen at Silverton on October 3, 1951, in an attempt to make arrangements for R. R. McLellan and W. B. Meek to make the examination. Olsen said the claim was at high elevation on the mountain west of U. S. Highway 550 between Molas Lake and Silverton. The outcrops are on a very steep, cliff-like mountain side and it would be too dangerous, in Olsen's opinion, to try to reach the outcrops over the snow and ice now present. He requested that examination be deferred until July of 1952.

Olsen reports he has had one sample assayed and it showed 8 percent value.

Scott W. Hazen, Jr.
Scott W. Hazen, Jr.,
Mining Engineer

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

200 New Customhouse
Denver 2, Colorado

October 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2032, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

Attached are 8 copies of a memorandum by W. B. Meek of the Geological Survey conveying information that the Lulu Stibnite Claim, San Juan County, Colorado, is not in condition for examination because of winter conditions. The applicants wish the examination deferred until Spring and will notify us when the examination can be made.

The docket should be placed in the inactive file.

Ogden Tweto

Ogden Tweto, Alternate
Supervising Geologist
Colorado-Wyoming

Attachments (9)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

October 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2032, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

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Colorado-Wyoming

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

October 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2052, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

Attached are 8 copies of a memorandum by W. S. Meek of the Geological Survey conveying information that the Lulu Stibnite Claim, San Juan County, Colorado, is not in condition for examination because of winter conditions. The applicants wish the examination deferred until Spring and will notify us when the examination can be made.

The docket should be placed in the inactive file.

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Supervising Geologist
Colorado-Wyoming

Attachments (9)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

October 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2032, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

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The docket should be placed in the inactive file.

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Colorado-Wyoming

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

October 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2082, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

Attached are 8 copies of a memorandum by W. E. Keck of the Geological Survey conveying information that the Lulu Stibnite Claim, San Juan County, Colorado, is not in condition for examination because of winter conditions. The applicants wish the examination deferred until Spring and will notify us when the examination can be made.

The docket should be placed in the inactive file.

Ogden Tweto

Ogden Tweto, Alternate
Supervising Geologist
Colorado-Wyoming

Attachments (9)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

October 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2032, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

Attached are 8 copies of a memorandum by W. S. Meek of the Geological Survey conveying information that the Lulu Stibnite Claim, San Juan County, Colorado, is not in condition for examination because of winter conditions. The applicants wish the examination deferred until Spring and will notify us when the examination can be made.

The docket should be placed in the inactive file.

Ogden Tweto

Ogden Tweto, Alternate
Supervising Geologist
Colorado-Wyoming

Attachments (9)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

October 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2032, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

Attached are 8 copies of a memorandum by N. C. Keek of the Geological Survey conveying information that the Lulu Stibnite Claim, San Juan County, Colorado, is not in condition for examination because of winter conditions. The applicants wish the examination deferred until Spring and will notify us when the examination can be made.

The docket should be placed in the inactive file.

Ogden Tweto

Ogden Tweto, Alternate
Supervising Geologist
Colorado-Wyoming

Attachments (9)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

October 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2032, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

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Ogden Tweto

Ogden Tweto, Alternate
Supervising Geologist
Colorado-Wyoming

Attachments (9)

C
O
P
Y

Oct. 8, 1951

Memorandum

To: Ogden Tweto

From: W. B. Meek

Subject: DMA Docket 2032, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

Attached is the brochure on DMA 2032. The examination should not be made until next Spring.

While I was examining the Pride of the West Mine, Scott Hazen, Engineer for the Bureau of Mines, contacted one of the applicants. The latter reported that the property could not safely be reached because of ice on the trails leading to the mine. He also stated that the deposit had not been sufficiently opened for the examination and that he believed inspection should be postponed until next Spring. Applicant will notify DMA when he is ready.

/s/ Ward B. Meek

Ward B. Meek, Geologist
U.S.G.S.

C
O
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Oct. 8, 1951

Memorandum

To: Ogden Tweto

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Oct. 8, 1951

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Oct. 8, 1951

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U.S.G.S.

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Oct. 8, 1951

Memorandum

To: Ogden Tweto

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/s/ Ward B. Meek

Ward B. Meek, Geologist
U.S.G.S.

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Oct. 8, 1951

Memorandum

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/s/ Ward B. Meek

Ward B. Meek, Geologist
U.S.G.S.

COPY

Oct. 8, 1951

Memorandum

To: Ogden Tweto

From: W. B. Meek

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/s/ Ward B. Meek

Ward B. Meek, Geologist
U.S.G.S.

C
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P
Y

Oct. 8, 1951

Memorandum

To: Ogden Tweto

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/s/ Ward B. Meek

Ward B. Meek, Geologist
U.S.G.S.

Form 6-95

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REFERENCE SLIP

DATE 9-26-51

REFERRED TO:

1. Allsman
2. East
3.
4.

FOR:

	Action		Recommendation
	Approval		Record of
	Comment		
	Conference		Referring to
	Consideration		
	Filing		Reply for signature of
	Instructions		
	Investigation		Rewriting
X	Initials		Signature
	Mailing		Suggestions
	Previous correspondence		Your information

REMARKS:
Brochure and letter to Traver & Keschmann
DMA-2032, Fred E. and H.L. OLsen.

Check (X) before the items needing attention.

D.M.A.
Initials of sender.

GPO 16—51162-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

WASHINGTON 25, D. C.

September 26, 1951

Memorandum

To: W. M. Traver, Jr.

(Through Chief, Mining Division, Region IV)

A. H. Koschmann (with brochure)

From: DMA Field Team, Region IV

Subject: DMA Docket 2032, Fred E. and H. L. Olsen, applicants, Lulu Stibnite Claim, Animas Mining District, S an Juan County, Colorado

Enclosed is one copy each of Forms MF-100, MF-103, and "Review" by the Coordinating Committee, pertaining to an exploration loan of the subject docket for $10,000.

The proposed work is not definitely stated, but would consist of trenching and underground work.

The property requires examination for its geologic merits. If these are favorable, the engineering phases of the application should be considered.

J. H. East, Jr.

J. H. East, Jr.

A. H. Koschmann

A. H. Koschmann

Enclosure

224 New Customhouse
Denver 2, Colorado

September 26, 1951

Memorandum

To: W. M. Traver, Jr.

(Through Chief, Mining Division, Region IV)

A. H. Koschmann (with brochure)

From: DMA Field Team, Region IV

Subject: DMA Docket 2032, Fred F. and H. L. Olsen, applicants, Lulu Stibnite Claim, Animas Mining District, San Juan County, Colorado

Enclosed is one copy each of Forms MF-100, MF-103, and "Review" by the Coordinating Committee, pertaining to an exploration loan of the subject docket for $10,000.

The proposed work is not definitely stated, but would consist of trenching and underground work.

The property requires examination for its geologic merits. If these are favorable, the engineering phases of the application should be considered.

J. H. East, Jr.

A. H. Koschmann

Enclosure

cc: DMA Subject and Chronological
AHKoschmann

REGIONAL DIRECTOR'S
OFFICE
REGION IV
SEP 25 1951
BUREAU OF MINES
DENVER, COLORADO

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

SEP 24 1951

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

Dear Sir:

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

Docket No. DMA- 2032

Commodity Antimony

Applicant Fred E. Olsen and H. L. Olsen, Box 425
Durango, Colorado

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

Lowell B. Moon
For Bureau of Mines

T. P. Thayer
For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2032

Commodity Antimony

Total Amount $10,000

Govt. Participation 75%

1. Name and Address of Applicant Fred E. Olsen and H. L. Olsen, Box 425, Durango, Colorado

2. Location of Property T 40 N., R 8 W., 8 miles south of Silverton, Colorado

3. Mineral or metal Antimony 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 X

e) Is there an alternative and favorable project? Don't know
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes; owner
(question 5, 6, 7)* need Book, page & date of recording of claim + in what section is it?
T40N, R8W, S.?

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

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

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

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

a) Available manpower Probably yes

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

c) Accessibility (question 12)* Don't know

d) Water (question 13)* Don't know

e) Power (question 13)* Yes - gasoline

Is a field check needed on any of these points? Yes

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes, except he appears very indefinite as to what needs to be done.

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? Yes

If not, what part of it is? _____

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? No

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

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

f) Should more information be requested from applicant? Yes

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes - cabin

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? Yes

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

c) Are rents and charges reasonable? Don't know, may not be applicable

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? Don't know

c) Is the schedule excessive for the work proposed? Don't know

d) Are the proposed wages and salaries reasonable? Not stated

e) Is a field check needed? Yes

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? Don't know

(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? Only a minimum of information is given in the application. We have no independent information on occurrence of stibnite in this area, and application seems to be based on specimens identified at School of Mines at Golden. Property needs an examination for geologic merits, and if favorable, engineering phases of application should be considered.

Reviewed by: E. T. McKnight GS

Date 9-19-51

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

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 2032

Date received 9-3-51

Fred E. Olsen & H. L. Olsen
P.O. Box 425
Durango, Colorado

Name and address of applicant

Date 20 August 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) ~~XXXX

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)
Fred E. Olsen P.O.Box 425, Durango,	Colo.						
H.L. Olsen P.O.Box 716, Durango,	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:

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: Located Claim - not yet in 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)					

(*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: As warranted by results of further exploration.

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

17. Equipment and Facilities:

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

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

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)

By Fred E. Olsen
(Signature of authorized official)

20 August 1951
(Date)

H. L. Olsen - partners
(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-2032

Date received 9-3-51

Participation

E.
Fred Olsen & H. L. Olsen
P. O. Box 425
Durango, Colorado

Name and address of applicant

Date 20 August 1951

FILL IN THIS BLOCK

Date of application 20 August 1951

Estimated cost $10,000.00

Mineral or metal Antimony - Stibnite

Percentage of Government participation 75%

Location of mine San Juan County, Colorado

Date of filing MF-100 20 August 1951 (herewith)

DMA Docket Number, if available 2032

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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 23 1951

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners. Fred E. Olsen, Durango, Colo. H.L. Olsen, Durango, Colo.

*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. Fred Olsen - many years in various mines & mills in this area.

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

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.

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)? 25% - in time & labor

*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.
    (*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.

(Name of company)

By Fred E. Olsen
(Signature of authorized official)

20 August 1951
(Date)

H. L. Olsen — partners
(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

Supplement to Application for Aid for an Exploration Project Pursuant to Mineral Order 5, Under Defense Production Act of 1950, Dated 20 August 1951, filed by Fred E. Olsen, P.O. Box 425, Durango, Colorado, and H. L. Olsen, P.O. Box 716, Durango, Colorado, on Form MF-103.

A more detailed answer to questions on Form MF-103, as follows:

4. Fred E. Olsen has had many years experience as a miner and operator of various mines in San Juan County, Colorado.

5. This is a Located Claim, filed in San Juan County, Colorado.

9. Our part will be in labor.

10. This claim is in a mineral vein containing iron, some gold and silver -- about 20 feet wide high up on mountain. Direction North and South. Top of mountain is andesite; lower, layer of lime and sandstone. This vein is crossed by another vein or dyke - strike East and West. Here is where the Antimoney occurs. This claim is located in Animas Mining District, San Juan County, Colorado -- T-40N, R-8W, about one-half mile West of Little Molas Lake and near old wagon road between Silverton and Durango. Filed as the Lulu lode.

12. Property is about eight miles South of Silverton and railroad. About a mile from good oiled highway to Durango or Silverton.

13. Ample water is available.
A gasoline powered jack-hammer would take care of present needs. When development warrants, connection can be made to power lines in the area.

14. There are as yet no buildings or equipment on the property.

15. The ore could be shipped by truck to the Antimony smelter at Laredo, Texas.

16. This is, so far, just a Location open cut and shaft 10 feet deep. This ore made from solution on top of East-West vein. A Geologist here says this ore should be better in depth.

20. This exploration is principally for Antimoney, and whatever other minerals may be associated with it.

21. This work will be in trenching, as vein goes beneath surface for a distance, showing again strong, higher up, at about 13,000 feet. It will take two years to cover this ground.
Winter would require under-ground work as snow would prohibit surface exploration during part of the year.

22. Surface sample sent to Colorado School of Mines at Golden, Colo. was reported by them as S.V.M. with Stibnite -- Reference C. "Sample might have commercial value if in sufficient quantity to justify a local treatment plant." A sample is being sent to the Antimony Smelter at Laredo for quantitative analysis and tariff.

23. Exploration would require material for a cabin, a jeep, gasoline powered jackhammer, gasoline for jeep and jackhammer, fuel, timbering for underground exploration, groceries, powder and fuse, & some improvement work on access road.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Date Rec'd.
JUL 24 1952
BUREAU OF MINES
Denver, Colorado

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
July 23, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMA 2032 (Stibnite), Fred E. and H. L. Olsen, applicants; Lulu Stibnite claim, San Juan County, Colorado
DMA 1525, Contract Idm-E84 (Lead-zinc), Moreno-Cripple Creek Corporation (Silver Queen mine), San Juan County, Colorado
DMA 1167X, Contract Idm-E163 (Lead-zinc), Henry E. Kolego, applicant; Porcupine lode, San Juan County, Colorado
DMA 487, Contract I-DMA-E26 (Lead-zinc), Silver Bay Mines, Inc., San Juan County, Colorado

Please find enclosed the original and two copies of Scott W. Hazen, Jr.'s memoranda on each of the above contracts and docket. These will bring your files up-to-date.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/dd

cc WHKing
DMA 2032
E84
E163
E26
DMEA Chron.

Note: One copy of each of the above reports sent to Sec. to Exec. Comm. 7-29-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

July 21, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division, Region IV

From: S. W. Hazen, Jr.

Subject: DMA 2032 (Stibnite), Fred E. and H. L. Olsen, applicants; Lulu Stibnite claim, San Juan County, Colorado

Fred E. Olsen, applicant, was contacted at Silverton, Colorado, on July 15, 1952. He has not started any work as yet on the subject mine and wants to do about a month's work of test pitting before the examination. So far, there are only surface exposures and no work at all on the vein. I made a tentative date with Mr. Olsen to examine the property on August 16.

S W Hazen Jr
S. W. Hazen, Jr.

SWH/bam

cc: WHKing-2
General
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

July 21, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division, Region IV

From: S. W. Hasen, Jr.

Subject: DMA 2032 (Stibnite), Fred E. and H. L. Olsen, applicants; Lulu Stibnite claim, San Juan County, Colorado

Fred E. Olsen, applicant, was contacted at Silverton, Colorado, on July 15, 1952. He has not started any work as yet on the subject mine and wants to do about a month's work of test pitting before the examination. So far, there are only surface exposures and no work at all on the vein. I made a tentative date with Mr. Olsen to examine the property on August 16.

S W Hasen Jr
S. W. Hasen, Jr.

SWH/bam

cc: WHKing-2
General
Chron.

224 New Customhouse
Denver 2, Colorado

September 26, 1951

Memorandum

To: W. M. Traver, Jr.

(Through Chief, Mining Division, Region IV)

A. H. Koschmann (with brochure)

From: DMA Field Team, Region IV

Subject: DMA Docket 2032, Fred K. and M. L. Olsen, applicants, Lulu Stibnite Claim, Animas Mining District, 3 mi Juan County, Colorado

Enclosed is one copy each of Forms MF-100, MF-103, and "Review" by the Coordinating Committee, pertaining to an exploration loan of the subject docket for $10,000.

The proposed work is not definitely stated, but would consist of trenching and underground work.

The property requires examination for its geologic merits. If these are favorable, the engineering phases of the application should be considered.

J. H. East, Jr.

J. H. East, Jr.

A. H. Koschmann

A. H. Koschmann

Enclosure

cc:DMA Subject and Chronological
AHKoschmann

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

DMA

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

SEP 24 1951

Messrs. Fred L. Olsen and H. L. Olsen
Box 425
Durango, Colorado

Re: Antimony
DMA docket 2032

Dear Sirs:

Your application docket 2032, for an exploration project in the amount of $10,000, has been received by the Minor and Rare Metals Branch of the Supply Division.

Before a decision can be reached on your request we find it is necessary to obtain additional information on your property. Your application therefore is being referred to the office of the Executive Officer of DMA field team IV, Mr. J. H. Rest, Jr., 224 New Customhouse, Denver, Colorado, with the request that the needed information be supplied to us.

In the event you have additional information that will assist the field engineers in evaluating this proposition we request that you submit such data in writing to Mr. Rest. During the period your application is in the hands of the field team, we would suggest you direct all inquiries to that office.

Yours very truly,

SIGNED

Tom Lyon, Director
Supply Division

Elardon/mh 9-19-51
cc: Adm. Head. File
Lyon
Bourret
Field Team IV
McKnight, USGS
Renick
DMA docket files