DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E NO._____

DMEA NO. 6477

Application
- [x] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [ ] Project summary (final)
- [ ] Work Completed analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
June 30, 1965

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 2 1965
INITIALS | CO_E

Memorandum

To: Chief, Division of Exploration Operations

From: Acting Field Officer, Region I

Subject: Transmittal of OME Application for Assistance
Wm. Beete, et al. (Silver)
Silver Queen Mine
Jefferson County, Montana

About 100 tons of ore shipped from the one claim comprising this property had an average grade of 43.28 ounces silver and 0.07 ounce gold per ton. Of 7 sample assays reported, locations of 2 are definite and 1 other is probably from the shaft at a depth of 28 feet; the width is given for only 1; the grades of 5 exceed the average grade of the ore shipped. However, from this data the property may have promise.

The applicant proposes to sink the existing 85-foot shaft an additional 200 feet and to drift from the bottom of the shaft 150 feet westerly and 250 feet easterly. In view of the ore produced from the existing workings, the situation is similar to that at the Mascot Company's Meadow mine (OME-6379). Therefore, deepening the shaft and probably the first 45 to 100 feet of the drift east would be development.

The applicant has "material, equipment, money, and credit to continue the work for 8 weeks." The value of the various items of equipment are not given. I wonder how much of the remaining estimated 45 weeks the applicant can carry with "money and credit." It is doubtful that he would consider diamond drilling before shaft sinking so this would be better staged in 100-foot jumps in the shaft. ?

D R MacLaren

D. R. MacLaren

Enclosures

MME Form 40
Jan. 65

RECEIVED
JUN 29 1965

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Budget Bureau No. 42-R1368
Approval expires Dec. 31, 1968

OFFICIAL MAIL
O. M. E.
RECEIVED
JUL 2 1965
INITIALS CODE

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85–701 (72 Stat. 700; 30 U.S.C. 641)

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

JAMES P. LEARY 2830 YALE BUTTE MONT
JAMES R. CASHIN 1348 HOLMES BUTTE MONT
WM BEETE 655 W. GRANITE BUTTE MONT.
WM E. EGAN 2109 S. WYO BUTTE MONT.
SEND ALL CORRESPONDENCE TO WM. BEETE
655 W GRANITE ST BUTTE MONT.

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6477

DATE RECEIVED 7/2/65

REGION I

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

- INDIVIDUAL [ ]
- CORPORATION [ ]
- PARTNERSHIP [X]
- OTHER *(Specify)* [ ]

STATE IN WHICH FIRM IS ORGANIZED

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: SILVER

ESTIMATED COST OF PROJECT: $ $42,500

PROPERTY NAME	LOCATION COUNTY	STATE
SILVER QUEEN	JEFFERSON	MONTANA

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior, Washington 25, D. C., or with the nearest OME Field Office.*

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

6/27/65
DATED

James P. Leary
BY *(Signature)*
Owner
TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, materials, and supervision.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

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

1. FINANCIAL ELIGILITY

(A) Security Bank Butte Mont. Refused
Metals Bank Butte, Mont. Refused

(B) James P. Leary 2830 Yale Butte, Mont.
James R. Cashin 1348 Holmes Butte, Mont.
Wm Beete 655 W. Granite Butte, Mont.
Wm E. Egan 2109 S. Wyo. Butte, Mont.

(C) Have material and equiment and money and credit to gontinue work for 8 weeks.

2. APPLICANT'S RIGHTS IN LAND

(A) Own property

(B) Located claim in Jefferson County Montana. Section 6. 2-N-R-5W. Recorded in book 50 page 34. Date April 9, 1959.

3. PHYSICAL DESCRIPTION

(A) Have 85' shaft timbered 5' X 7' single compartment. Gasoline hoist 200' cable. Two jacklegs, two stopers, 200' cu. ft. Compressor. Thirty k. w. generator a. c. Five h. p. sub. elec. pump. Hoses, pipe, track, cars, hand tools and etc.

(B) Full owership.

(C) Smelter returns and assays inclosed.

(D) No ore reserves.

(E) The bedrock consists of quartz monzonite of the Boulder Batholith. Ore deposits are in the vein predominately silver.

(F) Vein improves in depth. Sampled where vein exposed. Only ore area sampled.

(G) Have none. Sketches and samples reports and smelter settlement please return.

4. ACCESSIBILITY OF PROPERTY

(A) Wm Beete 655 W. Granite ph. 792-9460
By prior arrangement. Road good. Mine workings open

(B) Butte 30 miles, White Hall 12 miles.

5. EXPLORATION WORK

(A) Sink and timber 200 feet of 5' X 7' shaft.
Drift 150 feet west, 350 feet east from bottom of shaft on strike of vein. Indicated on sketche.

(B) Road in.

(C) Ten feet of shaft complete. Per week total 20 weeks 20 feet drift per week total 25 weeks.

6. EXPERIENCE

All 4 men have extensive mining and operating experiences. The supervisor, Wm Beete, has 35 years of varied mining experience.

7. ESTIMATE OF COSTS

(1) $100 per foot of 5' X 7' shaft includes powder, timber, labor, power and all materials.

(2) $45 per foot includes labor, timber, track, ties, ventilation, powder and all other materials.

(3) Estimated cost of project $42,500.

METALS BANK & TRUST COMPANY BUTTE, MONTANA

June 25, 1965

Mr. James R. Cashin
1348 Holmes Avenue
Butte, Montana

Dear Mr. Cashin:

In regard to your inquiry for a loan on your mining venture I wish to advise that we do not make loans on mining ventures.

Trusting this is the information you desire.

Very truly yours,

J. O'Neill

John E. O'Neill
Vice President

JEON:ll

ESTABLISHED • 1882

Security
BANK
Anxious to Serve You All-ways

P. O. Box 1957
1880 Harrison Ave.

BUTTE, MONTANA
ZIP 59701

June 23, 1965

To Whom It May Concern:

Security Bank, Butte, Montana, will not make a loan to James P. Leary, 2830 Yale, Butte, Montana, for purpose of exploration of the Silver Queen Mine nor do we contemplate making any such loan in the future.

SECURITY BANK
Butte, Montana

Margaret Grandl
Asst CASHIER

OME-6477

copy of data ~~from~~ ~~the application~~ submitted with application and returned 10/17/66 H. Kubomo

Smelter settlement sheets

Anaconda Company, Anaconda Sampler

Date	BAP Car No.	Lbs dry wt.	% Cu	oz Ag	oz Au	Value
6-3-64	1553	31,700	0.24	63.10	0.17	$1,197.28
12-16-63	1685	40,382	0.24	20.35	0.105	513.45
6-27-63	1497	32,405	0.24	62.45	0.095	1,156.95
6-21-62	Truck	38,287	0.17	14.3	0.020	259.20
6-9-61	2583	23,992	0.13	46.50	0.030	406.06
12-8-60	Truck	17,891	0.19	68.75	0.025	448.98
10-21-60	Truck	11,497	0.18	65.3	0.040	273.51

~~6-15-60~~

Assays by: Anaconda Copper Mining Company ~~Assay~~

Assays of samples

	Date	oz Ag	oz Au	% Pb	% Zn
150' from shaft east	10/15/60	105.2	0.020	1.5	0.9
#1 Silver Queen	9/26/60	1,529.3	0.150		18.5
#2 " " "	9/7/60	31.5	0.040		
65' shaft " " 5" wide	5/14/59	245.1	0.020	3.0	4.6
1 Silver Queen 28 feet (?)	10/30/58	234.3	0.070	1.5	0.20
#1 " "		1.2	0.010		
#2 " " "		72.2	0.030		

Longitudinal section through shaft and workings. Scale 1" = 1'

Surface map showing pits and outline of Silver Queen claim. Scale: 3/16" = 10'

U. S. Government Messenger Envelope

Standard Form No. 65
November 1961
General Services Administration
General Regulation No. 27

65-105

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
~~PROCUREMENT OFFICER ROOM 5 BLDG.~~	STOP		STOP
[illegible]	STOP	MAP DISTRIBUTION SECTION SILVER SPRING, MD.	STOP
Mr. Schadde Property Control	STOP	[illegible]	STOP
[illegible]	STOP	~~Mr. [illegible]~~	STOP
H. H. Parnell Asst. Procurement Officer 5207 GS Bldg.	STOP	~~[illegible] Room B-212~~	STOP
Mr. W. J. Anderson Acan Bldg.	STOP	Mr. [illegible] INT.	STOP
23	STOP	Geo. Selfridge MME R. 4459	STOP
~~R. 2222~~	STOP		STOP
~~[illegible]~~	STOP		STOP
Mr. Northcott ~~[illegible]~~	STOP		STOP

Use other side

Use STOP only when messenger service between Government buildings in Washington, D. C., is required or wherever a STOP system is used. Your mail room has STOP information.

INSTRUCTIONS FOR USE

1. Identify Agency of Addressee
2. Void Previously Used Block
3. Write Clea
4. Send S ly Room for Reissue

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
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Use other side first

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/17	Kirkemo	120
		110
		220

AIRMAIL

OCT 17 1966

Mr. William Beete
655 West Granite Street
Butte, Montana 59701

Re: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

Dear Mr. Bette:

In reference to your letter dated October 11, 1966, requesting return of certain material submitted with your application for financial assistance under the OME program, enclosed are the following items:

1 tracing of map showing surface pits and claim outline, Silver-Queen Mine. Scale: 3/16" = 10'.

1 tracing of longitudinal section showing shaft, workings, and proposed work, Silver-Queen Mine. Scale: 1/16" = 1'.

7 smelter settlement sheets, The Anaconda Company, Anaconda Sampler.

5 certificates of assay, Anaconda Copper Mining Company.

The balance of the material submitted will be retained in our files in accordance with instructions on the OME application form.

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Region I
OME Reading File
Mr. Kirkemo
120M

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosures

HKirkemo/gla 10-17-66

23263

For docket 10/17/66

Note:

I have recorded the pertinent information from the smelter settlement sheets and assay certificates on a sheet and filed it in the map envelope in the docket.

The map and section in the Field Officer's report of examination show the same basic information that the Applicants' sketches show.

Harold Sirkema

GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
October 12, 1966

OFFICIAL
COPY
O. M. E.
RECEIVED
OCT 14 1966
INITIALS | COPY
120
110

Mr. William Beete
655 West Granite Street
Butte, Montana 59701

Re: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

Dear Mr. Beete:

Your letter of October 11, 1966, requesting the return of certain papers which accompanied your application is being sent to our Washington office for reply.

Sincerely yours,

Mary L. Smelser for
D. R. MacLaren
Field Officer, OME
Region I

MLSmelser/mls

cc: OME w/cy incoming

Director's Reading File

655 W Granite
Butte Montana
Oct. 11. 1966

Dear Sir

Please return material relative to O.M.E application 6477 as soon as possible

Sincerely yours
Wm T Beale

RECEIVED

FROM APPLICANT'S APPLICATION FOR FINANCIAL ASSISTANCE

DATED JUNE 27, 1965

1. FINANCIAL ELIGIBILITY

(A) Security Bank Butte Mont. Refused
Metals Bank Butte, Mont. Refused

(B) James P. Leary 2630 Yale Butte, Mont.
James R. Cashin 1348 Holmes Butte, Mont.
Wm Boyle 655 W. Granite Butte, Mont.
Wm E. Egan 2109 S. Wye. Butte, Mont.

(C) Have material and equipment and money and credit to continue work for 8 weeks.

2. APPLICANT'S RIGHTS IN LAND

(A) Own property

(B) Located claim in Jefferson County Montana. Section 6. 2-N-8-W. Recorded in book 50 page 34. Date April 9, 1959.

3. PHYSICAL DESCRIPTION

(A) Have 85' shaft timbered 5' X 7' single compartment. Gasoline hoist 200' cable. Two jacklegs, two stopers, 200' cu. ft. Compressor. Thirty k. w. generator a. c. Five h. p. sub. elec. pump. Hoses, pipe, track, cars, hand tools and etc.

(B) Full ownership.

(C) Smelter returns and assays inclosed.

(D) No ore reserves.

(E) The bedrock consists of quartz monzonite of the Boulder Batholith. Ore deposits are in the vein predominately silver.

(F) Vein improves in depth. Sampled where vein exposed. Only ore area sampled.

(G) Have none. Sketches and samples reports and smelter settlement please return.

4. ACCESSIBILITY OF PROPERTY

(A) Wm Boyle 655 W. Granite ph. 792-9460
By prior arrangement. Road good. Mine workings open

(B) Butte 30 miles, White Hall 12 miles.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
2/11/66	Kirkemo	
		✓
2/23	Kuelgeiard	
2/23	Jones	
2/4	Wyss	

FEB 28 1966

Mr. William Beete
653 West Granite Street
Butte, Montana

Re: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

Dear Mr. Beete:

Careful study of your application for financial assistance in exploring the subject property and of other information available to us indicates that the probability of disclosing significant ore reserves on the property is not sufficiently promising to justify Government participation in the proposed exploration. Accordingly, we regret to inform you that your application for exploration assistance is denied.

Sincerely yours,

(signed) FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
OME Docket
Region I
Mr. Selfridge
Mr. Kirkemo
120M

MMerrithew/mm (2/27/66)

23263

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code

February 17, 1966

Memorandum

To: The File

From: Harold Kirkemo

Subject: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

Justification for Denial

This prospect is typical of the many quartz-filled fissure deposits in the Boulder batholith underlying East Ridge and the Pipestone Pass area east and southeast of Butte. The veins are narrow and lensy, and their mineral content is generally too low to support profitable mining operations.

The report on the field examination of the property indicates that there is little possibility of discovering significant ore bodies with the proposed exploration. Reasons for this conclusion include a shallow zone of secondary enrichment, an unfavorable ratio of ore-to-waste, apparent lack of extensive wall rock alteration, and the absence of major geologic features such as faults or other structures.

I concur with the Field Officer's recommendation to deny the application.

Harold Kirkemo

Harold Kirkemo

cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
Mr. Kirkemo

HKirkemo/mm (2/17/66)

23263

OME

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
February 10, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 14 1966
130
120

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Application Examination
OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

INTRODUCTION

James P. Leary, et al., applied for OME assistance to explore for silver ore on the Silver Queen claim, Jefferson County, Montana. The applicant proposed to deepen by 200 feet an existing 5' x 7' shaft and, from the bottom of the shaft, to drift 150 feet west and 300 feet east. The applicant estimates that the total cost of this work will be $42,500.00, of which the Government would contribute 75 percent or $31,875.00.

The property was visited on August 31, 1965, in the company of William Beete, James P. Leary, James R. Cashin, and William E. Egan. All four partners were present during the surface inspection and general discussion that followed the examination; Egan was present during the underground inspection. About 4 hours were spent at the property.

There are at least two veins on the claim and some of the assays of samples taken by the applicant are very high grade; settlement sheets also suggest the presence of fairly high-grade silver ore. However, the veins are narrow and the material shipped was all hand sorted. The estimated tonnage represented by the underground work is in the order of 650 tons from which 98 tons were hand sorted and shipped indicating an approximate ratio of 1 ton of ore for each 8 tons of material extracted. Comparison of shipments of development rock from the shaft with assays of samples cut from the vein in the shaft and with shipments from the 60 and 70 levels suggest that the highest values per ton occur just above the 60 level.

FIELD EXAM. REPT

It is concluded that the chance of making a significant discovery of silver ore on this claim is poor and it is recommended that the application be denied.

PROPERTY, LOCATION, AND ACCESSIBILITY

The property comprises one claim, the Silver Queen, situated in sec. 6, T. 2 N., R. 5 W. P.M., and recorded in Book 50, page 34, in Jefferson County, Montana. The claim is about 13.4 miles from the town of Whitehall whence it may be reached by travelling west on U. S. Highway 10 for about 4 miles to a railroad overpass. Turn right and follow an oil-surfaced road for about 3.8 miles then turn right and pass under a new Interstate Highway under construction. At 0.2 mile turn left and follow a fair gravel road for about 3.7 miles. Turn right and follow an increasingly poor gravel road for 0.7 mile. Turn left and follow little more than wheel tracks for 0.6 mile, turn left and proceed for about 0.4 mile to the shaft on the Silver Queen claim. Most of the road after leaving the pavement is over-weathered granite and should be passable by sedan except during the winter months when it is closed by snow.

GEOLOGY

The only rock seen in the vicinity of the claim is quartz monzonite of the Boulder batholith. At least two quartz-filled fissure veins have been exposed on the surface by pits and one of them by an 80-foot deep shaft from which short drifts have been driven (fig. 1). One vein has been opened up on the surface by pits up to 10 feet long, 3 feet wide, and 5 feet deep; one pit is about 150 feet east of the shaft, one is about 400 feet east, and three small closely spaced pits are about 600 feet east of the shaft. The other vein is exposed by a pit about 400 feet east of the shaft. The strike of the former vein ranged from N. 85° to 88° E. and the dip from 76° S. to 85° N. The latter vein strikes S. 88° E. and dips 75° N. The vein in the underground workings strikes from N. 85° E. to about due east and dips from nearly vertical to 80° N. With slight swings in strike and dip either vein could be projected to the shaft from its nearest exposure, or they could intersect near the shaft. All the underground work appears to be on one vein, probably, but not certainly, on the northerly one; no vein split was observed in the shaft workings.

The northerly vein is a fissure that has been filled by quartz. In the pits 600 feet east of the shaft crystalline quartz that had grown from each wall could be recognized although quartz completely filled the fissure. In streaks parallel to the walls the quartz was stained by oxides of iron and by an occasional blue-green discoloration. A sample taken across the full vein width of 8 inches assayed trace gold and 2.1 ounces silver per ton.

The same vein is exposed in a pit 400 feet east of the shaft. Here it is about 12 inches wide and contains similar oxide-stained streaks. Although he did not have a settlement sheet for it, the applicant said that hand-sorted material from this pit had been shipped. Due to the steep walls of the pit and its depth, it was not feasible to cut a sample but a grab was taken of the better looking material remaining on the dump. It assayed trace gold and 43.4 ounces silver per ton.

A third pit exposes the same vein about 140 feet east of the shaft. A sample cut across the full width of 9 inches assayed trace gold and 1.8 ounces silver per ton. The other vein which is exposed in only one trench about 400 feet east of the shaft was not sampled. It was about 1 to 2 feet wide but the quartz was fairly massive and was not much stained by iron oxide.

The shaft was accessible to the 60 level below which the ladders were in poor condition. The 60 level was about half full of debris for the first 15 feet but was passable; the remaining 90 feet was fully open. The level follows a vein that ranges from a few inches to about 2 feet wide and has been attacked by three small stopes. Back lagging made it difficult to be sure of the accuracy of the estimated sizes of the stopes but, eastward from the shaft, they are about 3.5' wide by 8' long, by 6' high, 3.5' by 7' by 5', and 3.5' by 16' by 12', respectively. The best exposure of the vein is about 90 feet east of the shaft where it comprises 12 inches of solid quartz along the footwall side and 12" of broken and sheared quartz along the hanging wall. The vein here strikes about N. 88° E. and dips 80° N. Two samples were taken, one across 12 inches of the footwall portion assayed trace gold and 7.2 ounces silver per ton; the other taken across 12 inches of the hanging-wall portion assayed trace gold and 0.3 ounce silver per ton.

The 40 level drift east is fully open for its length of about 25 feet. The vein strikes nearly due east and dips from steeply north to vertically. A sample chipped across 8 to 10 inches of vein at the drift face assayed 0.02 ounce gold and 22.3 ounces silver per ton. There was a slight increase in sulfide minerals and a little less oxide staining here then at other exposures.

The shaft was timbered, prohibiting much in the way of observation and sampling. During shaft sinking the applicant took at least five samples from the shaft, one each at the collar, at a depth of 28 feet, at a depth of 65 feet, and two at a depth of 70 feet. The last two gave widely different assays although each is reported to have been taken over a width of 3 to 12 inches; one assayed 0.04 ounce gold and 31.5 ounces silver per ton, the other assayed 0.15 ounce gold and 1529.3 ounces silver per ton. The latter sample contains more than twice as much gold and more than six times as much silver as the next highest sample. Regardless of whether it

represents a salted sample, an erratic assay, or a sample correctly taken and assayed, it can only be considered as having a negligible effect on the overall grade. The lower assay from this locality will be accepted as effective over a width of 12 inches. Assays of the shaft samples at their respective depths are:

Depth (ft.)	Width (inches)	Ounces/T Au	Ounces/T Ag	Value/T	Value/T Corrected for 5' width
0	4	0.03	72.2	$ 94.19	$ 6.28
28	4	0.07	234.3	304.70	20.31
65	5	0.02	245.1	316.88	26.41
70	12	0.04	31.5	42.04	8.41
Av.	6.25	0.04	113.2	$147.38	$15.35

The application contains settlement sheets for three shipments of hand-sorted ore from the shaft, three from the 60 level, and one from the 70 level. The applicant could not give the portions of the shaft from which the respective shipments came and was not sure whether the material sorted from the two levels was limited to the stopes or included drift and stope material. He was inclined to believe that drift and stope rock were lumped together before sorting. In order to compare the values indicated by the shaft sampling with those reported in the settlement sheets, the shaft sample values are reduced to represent a 5-foot width, assuming that values outside the vein are negligible. The depth zone of each shaft shipment is estimated by multiplying the total shaft depth (80 feet) by the tons in each shipment and dividing the product by the total tons shipped from the shaft (26.6 tons). The results are:

Date of shipment	Tons shipped	Estimated depth zone	Settlement value/T
10/21/60	5.7	0-17	$48.45
12/ 8/60	8.9	17-44	50.75
6/ 9/61	12.0	44-80	33.85
	26.6	Average value -	$42.63

There is no way to make a comparison of the values of the respective shaft samples with those of the respective shipments, but average value of $42.63 per ton for the 26.6 tons of sorted ore shipped is not out of line with the average value of $15.35 per ton indicated by the shaft samples. Both tabulations suggest an increase in values to some place between 40 and 50 feet deep followed by a decrease in value.

Three settlement sheets for shipments said to have been made of sorted material from the 60 level show:

Date of shipment	Tons	Settlement value/T
6/27/63	16.4	$72.64
12/16/63	20.1	26.42
6/ 3/64	15.8	76.80
	52.3	$56.13

One shipment said to have been made of sorted material from the 70 level shows that 19.1 tons had an average value of $13.54 per ton. The level shipments seem to bear out the suggestion that the values decrease below the 60 level.

The estimated tonnage from which the various shipments were sorted divided by the tons shipped indicates that one ton of ore and about 7 tons of waste were sorted from each 8 tons mined as follows:

Ore source	Estimated tons	Tons shipped	Ratio Ore : Waste
Shaft - 0-17 feet	46	5.7	1:8
" 17-44 "	72	8.9	1:8
" 44-80 "	97	12.0	1:8
60 level and stopes	357	52.3	1:7
70 level and stope	77	19.1	1:4
Total	649	98.0	1:6.6 say 1:7

FAVORABLE CONSIDERATIONS

Favorable considerations are limited. A strong quartz-filled fissure vein carries values in silver that can be upgraded by sorting at the ratio of about 1 ton for each 8 tons mined. The ore has a high silica content that, during certain periods of time, will bring a bonus from the Butte Smelter. If there might be, in one large block or in several smaller but closely spaced blocks, a considerable tonnage of rock that could be sorted to produce a grade commensurate to that of past shipments, additional work might be warranted.

UNFAVORABLE CONSIDERATIONS

Although the strong quartz vein has been traced for at least 600 feet along its strike, it is narrow, reaching a maximum width of 2 feet. Cut samples and shipments of sorted ore suggest that the potential sorting material is of limited horizontal length and that the maximum grade is reached between 50 and 60 feet below the surface.

Using the applicant's estimate of $100 per foot for sinking and $40 per foot for drifting, the cost of the present shaft and the 60 and 70 levels was:

80 feet of shaft at $100/ft	$8,000.00
105 feet of 60 level drift at $45/ft	4,725.00
45 feet of 70 level drift at $45/ft	2,025.00
Total	$14,750.00

From these workings and small stopes above them an estimated 650 tons of rock was removed and sorted down to shipments totalling 98 tons which had a settlement value of $4,255.35 or an overall value of $6.56 per ton of rock removed. The overall worth does not mean too much as it could probably be raised by more careful sorting but the unfavorable fact is that $14,750.00 worth of work entirely on the vein yielded a return of only $4,255.35.

No evidence that the vein might increase in width or value at greater depth was found.

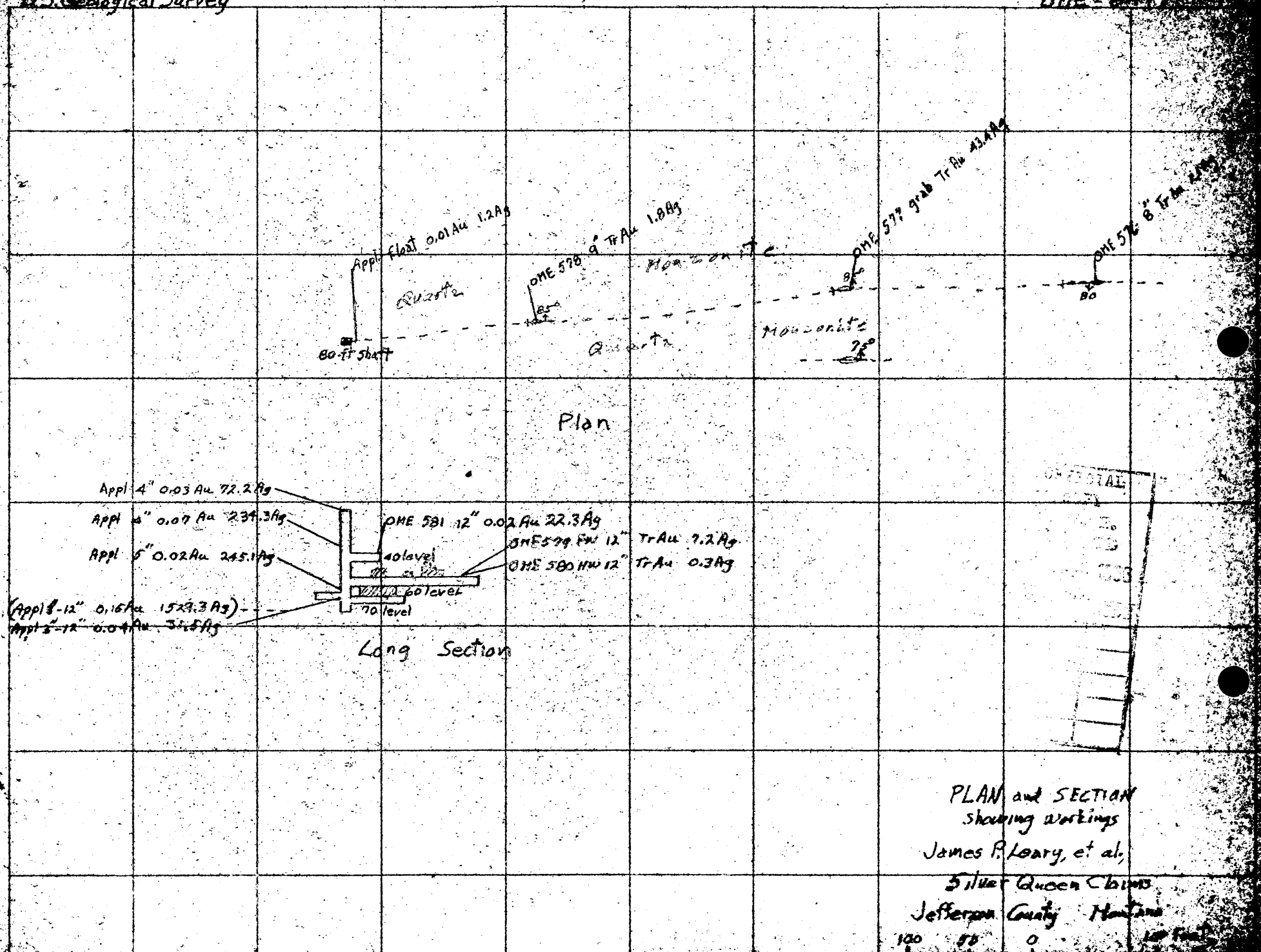
CONCLUSIONS AND RECOMMENDATIONS

Although small pods of good-grade sorting ore may be found by additional sinking and drifting, it is concluded that the chance of making a significant discovery of silver ore on this claim is poor and it is recommended that the application be denied.

D. R. MacLaren

D. R. MacLaren

Enclosure
Distribution:
CME
USGS(SRO)
Docket
MacLaren



PLAN and SECTION
showing workings
James P. Leary, et al.
Silver Queen Claims
Jefferson County Montana
100 50 0 100 Feet

OME

GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
February 10, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 14 1966
CODE
120 m
120

Mr. William Beete
655 West Granite Street
Butte, Montana

Re: OME-6477 (Silver)
James P Leary, et al.
Silver Queen Claim
Jefferson County, Montana

Dear Mr. Beete:

My report of examination of the Silver Queen claim is now being typed, after which it will be forwarded to Washington for final processing.

I am sorry for the apparent delay, but as I explained to you during the examination, this office is responsible for all field examinations and reports in the States of Montana, Idaho, Washington, and Oregon, and as much of the field work as possible must be completed during the period of good weather conditions before snowfall. The reports are written as nearly as possible in the order in which applications are referred to the field. There were several of these that were in line ahead of yours, and since my visit to the Silver Queen, report writing has been interrupted by later referrals that required examinations.

We hope you will understand the reason for the delay.

Sincerely yours,

D. R. MacLaren
Field Officer, OME
Region I

DRMacLaren/mls

cc: OME w/cy incoming

Director's Reading File

C O P Y C O P Y

Butte, Montana

Feb. 5, 1966

O.M.E.

Spokane, Wash.

Dear Sir:

Request available information on OME-6477 application

Sincerely yours,

/s/ Wm. BEETE

RECEIVED
AIR
FEB 7 1966
OME
SPOKANE, WASHINGTON

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11/30/65	Kirkemo	120
		120
11/30	on leave	110
11/30	Cal	220
		120

NOV 30 1965

AIRMAIL

Mr. William Beete
655 West Granite Street
Butte, Montana

Re: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

Dear Mr. Beete:

In reply to your telegram of November 27, 1965, we can inform you that the report of the field examination of your property is in preparation and that we will advise you of our decision regarding the application as soon as the report has been received and studied.

Our Field Officers make as many field examinations as possible when the properties are accessible, the peak load being in the summer and fall months. The list of examinations includes applications received in the previous winter and spring months as well as those received during the months of good field weather. Insofar as possible, examinations are made in the order that applications are received. As the Field Officer for Region I is responsible for examinations in the States of Montana, Idaho, Oregon, and Washington, his schedule of field examinations and report preparation is exceedingly heavy.

Reports of field examinations are prepared as soon as possible after all information, including assay data, is available, and in the same sequence as the field examinations are made.

We regret the apparent delay in our decision with respect to your application, and hope that you will understand the reason for it.

Sincerely yours,

George C. Selfridge

George C. Selfridge
Acting Chief, Office of
Minerals Exploration

HKirkemo/mm (11/30/65)
cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
R-I w/cy of inc. wire
Mr. Kirkemo

23263

11/30/65

I phoned MacLaren Monday Nov. 29 regarding this application. Mac made the field examination on August 31, and has 3 other reports to prepare before this one. He will recommend a denial.

Draft of full explanation offered in view of senator's, and Secretary's previous inquiries about this application

Kerbemo

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

W. P. MARSHALL
CHAIRMAN OF THE BOARD

TELEGRAM ®

R. W. McALL
PRESIDENT

SYMBOLS

DL = Day Letter
NL = Night Letter
LC = International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

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PR BUA007 NL PD AR BUTTE MONT 27 1965 NOV 27 AM 11 37

US DEPT OF THE INTERIOR DEPT O.M.E.

WASHDC Dir Care Guard 19 4C NW

REQUEST AVAILABLE INFORMATION ON O.M.E. 6477 APPLICATION

WM BEETE, 655 WEST GRANITE BUTTE MONT

O.M.E. 6477 655

(25).

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O. M. E.
RECEIVED
NOV 29 1965

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FAX K

1965 NOV 27 PM 12 32

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
7/30	Johnson	110
8/3	Kirkgaard	
8/4	Pearce	
8/6	Coe	210
		120 M

AUG 5 1965

Hon. Arnold Olsen
U. S. House of Representatives
Washington, D. C. 20515

INTERIOR DEPT.
AUG 6 1965
SOLICITOR

Dear Mr. Olsen:

At the request of Secretary of the Interior, Stewart L. Udall, we are writing to you concerning the application for exploration assistance of Mr. James P. Leary and associates of Butte, Montana, referred to in your letter of July 27, 1965, to the Secretary.

This application was referred to the Acting Field Officer, OME, Region I, Spokane, Washington, on July 28 for a field examination. You may be assured that it will be given prompt and careful consideration.

Sincerely yours,

Arthur A. Baker

Acting Director

FEJohnson/bih
7/30/65

Copy to: General file
Division file
Director's file (chron)
OME file
OME reading file
Region I

43683

S-4055

OFFICIAL
COPY
O. M. E.
RECEIVED
JUL 29 1965

INITIALS	CODE
	110

JUL 29 1965

Dear Mr. Olsen:

I am acknowledging your letter of July 27 with enclosure from Mr. J. D. Flynn concerning the application for an exploration loan submitted to the Office of Minerals Exploration by the owners of the Silver Queen Mine.

Because of your interest we shall be happy to look into this matter and will write you further in the near future.

Sincerely yours,

(d) Stewart

Secretary of the Interior

Hon. Arnold Olsen
House of Representatives
Washington, D. C. 20515

IWhitlock:mjc 7-28-65

cc: MME w/incoming
DCCO

ARNOLD OLSEN
1ST DISTRICT, MONTANA

ROOM 1025, LONGWORTH BUILDING
PHONE: 225-3211

MME

Congress of the United States
House of Representatives
Washington, D.C. 20515

COMMITTEES:
POST OFFICE AND CIVIL SERVICE
PUBLIC WORKS

SUBCOMMITTEES:
POSTAL FACILITIES AND MODERNIZATION, CHAIRMAN
CENSUS AND STATISTICS
POSTAL RATES
COMPENSATION
FLOOD CONTROL
ROADS
SPECIAL SUBCOMMITTEE ON THE FEDERAL-AID HIGHWAY PROGRAM

July 27, 1965

The Honorable Stewart L. Udall
Secretary of the Interior
Washington, D. C. 20240

Refer To: MME
Ack'd 7-28-65

Dear Secretary Udall:

I am enclosing a letter which I received from my good friend J. D. Flynn, the Acting Mayor of Butte, Montana.

I add my strong recommendation that the exploration loan which he mentions be expedited. Projects of this sort are of vital significance to the economic well-being and employment situation in my District, as you well know.

I will appreciate any assistance which you might give to the rapid processing of this loan.

With kindest personal regards, I remain

Very truly yours,

Arnold Olsen
ARNOLD OLSEN

AO/dt

4055

CITY OF BUTTE

July 18,1968

Honorable Arnold Olsen
House Office Bldg.
Wash. D.C.

Dear Arnold;

I am appealing to you for any help you may give in expediting approval of the application for an exploration loan made to the Office of Mineral Exploration by the owners of the Silver Queen Mine near Whitehall.

The owners, all friends of mine asked for my help in getting City Council action to help them; I felt the only way we could assist them was to appeal to you.

Be assured that any help you may give these men will be personally appreciated, They are all residents of Butte and personal friends of mine. You will in all probability know them yourself. Thanking you in advance, I am.

Sincerely yours

J.D. Flynn.
Acting Mayor.

The Owners

James P. Leary

James R. Cashin

William E. Egan

William Beete

So. 157 Howard Street
Spokane, Washington 99204
August 4, 1965

OFFICIAL
COPY
O. M. E.
RECEIVED
AUG 9 1965
INITIALS CODE
120
120

Mr. William Beete
655 West Granite Street
Butte, Montana

Re: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claims
Jefferson County, Montana

Dear Mr. Beete:

I will be at the Creston Motel in Dillon the night of August 30, 1965, and plan to examine your property the following day. Please advise me where we could meet in Whitehall about 9:00 A.M. on Tuesday, August 31.

I hope this date will be satisfactory as it will be early October before I can be in the area again.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:et

cc: OME
Docket
Directors Reading File

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
7/26	Selfridge	130
	Johnson	110
7/26	Cal	220
		120M

JUL 2 6 1965

Memorandum

To: Acting Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

The subject docket is referred to Region I for an on-site examination and recommendations.

Judging from the material submitted, one receives the impression from the stoping and surface pits that the ore is of local occurrence and that the application could be denied without a field examination. However, we believe it best that an examination be made to see just how much mineralization has been exposed by all of the work that has been done to date.

(signed) FRANK E. JOHNSON

Frank E. Johnson

GCSelfridge/gla (7-26-65)
cc to: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
George C. Selfridge

23263

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
7/26	Selfridge	130
"	Johnson	110
		220
		120M

JUL 26 1965

Mr. William Beete
655 West Granite Street
Butte, Montana

Re: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

Dear Mr. Beete:

The application for assistance in exploring the subject property has now been reviewed by the Washington Office and referred to Mr. D. R. MacLaren, Acting Field Officer, U. S. Geological Survey, Office of Minerals Exploration, Region I, South 157 Howard Street, Spokane, Washington 99204.

The Regional Office will notify you in case additional information concerning the application is needed.

Sincerely yours,

(SIGNED) FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

GLAult/a (7-26-65)
cc to: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
OME Region I
George C. Selfridge

23263

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code

July 21, 1965

Memorandum

To: The File

From: Harold Kirkemo, U. S. Geological Survey

Subject: OME-6477 (Silver)
James P. Leary, et al.
Silver Queen Claim
Jefferson County, Montana

This is a proposal to extend a shaft an additional 200 feet from its present depth of 85 feet, and to drift 400 feet on a silver-bearing vein from the bottom of the shaft. Total estimated cost of the project is $42,500.

The property consists of an unidentified lode claim, Silver Queen (?), in the Spire Rock district on a tributary of Pipestone Creek between Whitehall and Butte. The deposit consists of a fissure vein in granitic rock associated with the Boulder batholith.

The records of shipments and the assay certificates attest to an interesting mineral content. The 100 tons of ore shipped from the property may have come from a stope between the 2nd and 4th levels near the shaft. The absence of stopes elsewhere suggests a localized occurrence of ore. Perhaps the distribution of pits along the vein east of the shaft illustrates also the distribution of ore shoots. If the shaft was started on the best showing on the vein, the response to underground development does not indicate improved possibilities for larger ore bodies with additional depth. An on-site examination may verify these speculations.

If a contract to develop this property to a depth of 285 feet is contemplated, will the present hoist, head frame, and 200-foot cable suffice?

The application should be referred to the field for examination.

Harold Kirkemo

Harold Kirkemo

HKirkemo/gla
cc to: OME Reading File
OME Docket
Harold Kirkemo
Director's Reading File
Division File
Economic Geology File

23263

July 2, 1965

Mr. William Beete
655 W. Granite Street
Butte, Montana

Subject: OME-6477
James P. Leary

Dear Mr. Beete:

The application for exploration assistance of James P. Leary, dated June 27, 1965 submitted to our office at Spokane, Washington has been assigned Docket Number OME-6477. Please identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Frank E. Johnson, Chief
Office of Minerals
Exploration

Copy to Region I