MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. _____ Docket No. 6668

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- [ ] Withdrawn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 Semiannual 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) 4/8/68
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports
- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual 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

72195-65

3/21/68

Mrs. Richey in the office of Congressman Jim Battin phoned to inquire about the status of OME-6668, Iron Mask Mine.

I told her MacLaren examined it on March 5 and that we were awaiting the report of examination.

She would appreciate being called when report is received in Washington. Phone 180-4415

Kirkpatrick

MME FORM 6 REFERENCE SLIP
REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:		DATE	INITIALS
1.	Chief, OME	11/9/67	
2.	Re: Transmittal of Application for Financial Assistance		
3.	Allison, G. H. & Allen, R. (Silver-Lead-Zinc-Gold)		
4.	Iron Mask Mine Beaverhead County, Montana		
5.	M. L. Smelser for D. R. MacLaren		
FROM:	Field Officer, Reg. I		

FOR: Check items for action desired

X Action	Reply for signature of	
Approval	Investigate	Surname
Comment	Recommendations	Signature
Conference	Rewrite	File
Instructions	Your information	

REMARKS:

RECEIVED NOV 13 1967

INT.-DUP. SEC., WASH., D.C. M56300-62

MME Form 40
Jan. 65

RECEIVED
NOV 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

OFFICIAL COPY
O. M. E.
RECEIVED
NOV 13 1967
MINERALS 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.)*

G. H. Allison & R. Allen
P. O. Box 204
Dillon, Montana 59725

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6668

DATE RECEIVED 11-13-67

REGION 1

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL
CORPORATION
PARTNERSHIP
OTHER *(Specify)* XX
Joint Venture

STATE IN WHICH FIRM IS ORGANIZED Montana

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
George H. Allison	P. O. Box 204	Dillon, Montana--President & Engineer
Robert Allen	P. O. Box 204	Dillon, Montana--Geologist

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
Silver, Lead, Zinc, Gold

ESTIMATED COST OF PROJECT
$ 27,300.00

PROPERTY NAME: Iron Mask Mine

LOCATION: COUNTY Beaverhead Co., STATE 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.~~ Washington, D. C., 20242, 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.

November 6, 1967
DATED

G. H. Allison
G. H. Allison BY *(Signature)*

R. Allen
R. Allen 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 openin[illegible] *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).]

I[illegible]UP. SEC., WASH., D.C

G. H. Allison & R. Allen
P. O. Box 204
Dillon, Montana 59725

Office Of Minerals Exploration
United States Geological Survey
South 157 Howard Street
Spokane, Washington 99204

November 6, 1967

Re: Minerals Exploration
Application For Financial Assistance

Dear Sir:

Enclosed please find the completed application form in duplicate, MME Form 40, for Financial Assistance in Minerals Exploration. Also enclosed please find two copies of the geologic map, cross section, and report regarding the subject property together with a copy of the executed Mining Lease and copies of the Mining Claims adjacent to it, which have been recorded in the Beaverhead County, records.

In accordance with the information required for said financial assistance as itemized on the reverse side of your form MME Form 40, we respectfully submit the following information:

1 (a) Two letters, one from The First National Bank, Casper, Wyoming and one from The First National Bank, Dillon, Montana refusing credit for said mining venture.
(b) None. The Lessor's interest is as stated in the attached Lease.
(c) Our proportionate share of the total Unit Cost will be placed on deposit in The First National Bank at Dillon, Montana.

2 (a) Lessee (see attached Mining Lease).
(b) The Iron Mask Mine, Survey Number 7383, Sections 27, 28, 33, & 34, Township 7 South; Range 11 West; 6th P. M.; The Blue Wing Mining District, Beaverhead County, Montana.
For claims covering land immediately adjacent to the above patented claim, please see attached Mining Claims which have been recorded in the Beaverhead County records at Dillon, Montana. Also included is a copy of the Survey Plat showing the location of all claims.
(c) We have written Mrs. Constance Crawford regarding the Lien and Subordination Agreement, your form MME Form 52, and will secure same if possible.

3 (a) Previous and present mining operations are shown on the attached geologic map.
(b) Our interest in the property is as stated in the attached Mining Lease.
(c) All past production records have been lost or destroyed, if same were ever kept. The Anaconda Company offices at Butte and The Montana School Of Mines have no production records regarding the subject property.
(d) The known ore reserves, as described on the accompanying geologic report, were secured from Mr. Chandler W. Stallings of Dillon, Montana regarding the old mine workings, and the new mine workings came from samples taken by us and assayed by The Montana Laboratory Company at Phillipsburg, Montana.
(e) See attached geologic map, cross section, and report.

3 (f) See attached geologic map, cross section and report also a copy of the assays run on samples taken at the intersection of the South-east Shaft with Vein "B".
(g) See attached geologic map, cross section, and report.
Return of the enclosed material is not necessary.

4 (a) Accessibility may be gained via U. S. Highway 91 south of Dillon, Montana to its intersection with Montana State highway 278, then west to the Old Ten Mile Stage Station. Then follow the Bannack Coach road for nine (9) miles to entrance to The Iron Mask Patented Claim.
(b) American Smelting & Refining Company, East Helena, Montana Approximately ninety (90) miles.

5 (a) We propose to drive a haulage tunnel as shown on the accompanying plan view of the mine area. The size of said tunnel to be seven (7) by eight (8) feet if necessary, the direction and relation of of it to surrounding and adjacent geologic features is as shown on the attached map and cross section.
(b) Access roads are now built and no further road building is immediately anticipated.
(c) Work could be commenced within five (5) days from date of OME contract. A minimum of one hundred twenty (120) feet per month with one eight hour shift.

6 (a) Operations and supervision will be conducted under the auspices of Mr. G. H. Allison whose previous experience includes the three-thousand (3,000) foot Blue Dot Tunnel at The New Departure Mine just east of the subject mine property. Mr. Allison was also in charge of operations at the Sunset Mine, Pine Creek Area, Idaho. Geology will be handled by R. Allen whose experience includes ten years of experience both with a major company and as an independent consultant.

7 (a) We submit herewith a fixed unit cost for said tunnel of Forty-two dollars ($42.00) per foot for Six Hundred Fifty feet of tunnel or a total unit cost of $27,300.00.
(b) Personal services including supervision are included in the above-mentioned unit cost.
(c) Operating materials and supplys are included in the previously indicated unit cost.
(d) Operating equipment will be provided by Messrs. Allison and Allen and is included in the above unit cost.
(e) Repairs and maintenance have been included in the fixed unit cost.
(f) None required.
(g) Miscellaneous expenses have been included in the fixed unit cost.

We have an existing labor force at the mine and plan to proceed with the portal for the proposed haulage tunnel in the very near future with subsequent tunnelling operations to commence as soon as possible. In view of the coming weather conditions, your earliest consideration regarding this application will be greatly appreciated.

Sincerely,

G. H. Allison
G. H. Allison

R. Allen
R. Allen

FIRST NATIONAL BANK OF CASPER

CASPER, WYOMING
October 30, 1967

D. D. GIDDINGS
VICE PRESIDENT

Mr. George H. Allison
Mr. Robert Allen
Box 1681
Casper, Wyoming

Gentlemen:

Thank you for giving us the opportunity to consider your application for a loan in the approximate amount of $40,000 for an estimated period of two years. It is our understanding the proceeds of the loan would be used for exploration and development of mining property in Beaverhead County, Montana.

Because of the speculative nature of this venture, the time involved, and the location of the property, we must decline your application. We wish you every success in securing the funds from another source.

Very truly yours,

D. D. Giddings

Vice President

DDG:K

First National Bank

DILLON, MONTANA

W. R. TAIT — PRESIDENT
J. G. BERRY — VICE PRESIDENT & CASHIER
F. H. GRAVES — ASST. CASHIER
G. J. LANE — ASST. CASHIER
J. A. WILSON — ASST. CASHIER

November 6, 1967

Mr. George H. Allison
Mr. Robert Allen
Box 204
Dillon, Montana

Gentlemen:

We have considered your request for a loan and wish to state that at present time no funds are available for a loan of this nature.

Thank you.

Yours very truly,

F. H. Graves

F. H. Graves
Assistant Cashier

FHG:th

LEASE

THIS LEASE made by and between CONSTANCE CRAWFORD, of 2526 E. Mission Rd., Fallbrook, California 92028, party of the first part, hereinafter called the Lessor, and GEORGE H. ALLISON and ROBERT ALLEN, of Box 1681, Casper, Wyoming, parties of the second part, hereinafter called the Lessees:

WITNESSETH: That the lessor, for and in consideration of the rents, royalties, covenants and promises of the said lessees, and to be by them paid, kept and performed, do hereby lease, demise and let unto the said lessees, the following described quartz lode mining claim and premises, situated in Blue Wing Mining District, in the County of Beaverhead, State of Montana, to-wit:

Iron Mask Lode Patented Mining Claim, Survey No. 7383 with the right to mine and extract ore from the said leased premises and to explore and prospect for ore therein, on the terms and conditions hereinafter stated. And the said lessor covenants to and with said lessees that they shall have quiet and peaceable possession of said leased premises during the continuance of this lease.

TO HAVE AND TO HOLD the same unto the said lessees for the term of ten years from the date hereof, expiring at noon on June 30, A. D. 1977, unless sooner forfeited or determined through the violation of any covenant hereinafter by the said lessees made, promised or to be performed, and thereafter so long as the lessees produce commercial ore on continuous production.

The said lessees, in consideration of said lease of said premises do hereby covenant and agree to and with said lessor as follows, to-wit: That they will enter upon and take possession of the said described premises and hold the same under this lease; that they will work the same mine-fashion in manner necessary to good and economical mining, so as to take out the greatest amount of ore possible with due regard to the safety, development and preservation of the said premises as a workable mine.

To work and mine said premises as aforesaid steadily and continuously from the date of this lease; and that any failure to work said premises, with at least one person employed under ground for the space of twenty consecutive days or the equivalent man-day shifts may be considered a violation of this covenant; or, in lieu thereof, to pay a minimum royalty of $100.00 per month.

To well and sufficiently timber said mine at all points where proper, in accordance with good mining; and to repair all old timbering wherever it may become necessary.

To allow said lessor and her agent to enter upon and into all parts of said mine for the purpose of inspection, with the use of all passages, ropes, windlasses, ladder-ways and all other means of ingress and egress for such purpose.

To not assign this lease or any interest thereunder, and to not sublet the said premises, or any part thereof, without the written assent of said lessor, and to not allow any person or persons except the said lessees and their workmen to take or hold possession of said premises or any part thereof under any pretense whatever.

To occupy and hold all cross and parallel lodes,spurs, feeders, crevices or mineral deposits of any kind, which may be discovered in working under this lease or in any tunnel run to intersect said

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lode, or by the said lessees, or any person or persons under them, in any manner, at any point within 600 feet of the center of said lode, as the property of said lessor; with the privilege to said lessees of working the same, as an appurtenance of said demised premises during the term of this lease; and to not locate nor record the same, nor allow the same to be located or recorded, except in the name of the said lessor.

To keep at all times the drifts, shafts, tunnels and other passages and workings of said demised premises thoroughly drained and clear of loose rocks and rubbish of all kinds.

Lessees to pay to lessor a royalty of 5% net smelter returns on all ores under $40.00 per ton, and 10% on all ores over $40.01 per ton, as ores are mined and shipped and smeltered.

INDUSTRIAL ACCIDENT COVERAGE: Lessees shall at all times during the life of this lease comply with one of the plans of the Montana Workmen's Compensation Act so that all accidental injuries of employees will be compensated under said Act.

NON-LIABILITY OF LESSOR: Lessees are in no sense the agents, partners or employees of lessor, but are an independent contractor, and lessees shall not contract any indebtedness, nor incur any liability for damages which shall be enforceable against lessor, or against said leased property, or any thereof, and such immunity shall extend to the agents and employees of lessor, and of each of them, and Lessees hereby agree to hold lessor, and his agents and employees, and said leased property, harmless from any and all debts, obligations, and liability contracted or incurred by lessees' operations hereunder and all costs and expenses arising therefrom. It is further agreed that lessor or her agents will not contract any liability, debts, or obligations against lessees' operation, or against their interest in the Iron Mask lode claim, while this lease is in force.

That work by lessees shall be continuous except when prevented by inclement weather, strike or act of God or other act which is beyond the control of lessees.

To deliver up to said lessor the said premises, with the appurtenances, and all improvements in good order and condition, with all shafts and tunnels and other passages thoroughly clear from rubbish and drained, and the mine in all points ready for immediate continued working (accidents not arising from negligence alone excusing), without demand or further notice, on said June 30, 1977, at noon or at any time previous, upon demand for forfeiture. Unless continued by production of commercial ore on continuous basis after said date.

And finally, upon the violation of said lessees, or any person under them of any covenant or covenants hereinbefore made or promised the terms of this lease shall, at the option of said lessor expire, and the same and said premises, with all appurtenances, shall become forfeited to the said lessor and said lessor or her agent may thereupon, after demand of possession in writing, enter upon said premises and dispossess all persons occupying the same with or without force, and with or without process of law; or at the option of said lessor, the said tenant and all persons found in occupation may be proceeded against as trespassers from the beginning of said term both as to realty and the ore served therefrom, or as guilty of unlawful detainer.

Each and every clause and covenant of this indenture shall extend to the heirs, executors and administrators of all parties hereto; and to the assigns of said lessor, and as said lessor may elect, to the assigns of said lessees.

IN WITNESS WHEREOF the said parties, lessees and lessor, have hereunto set their hands and seals this 7th day of June, 1967.

Constance Crawford
Constance Crawford
Lessor

George H. Allison
George H. Allison

R. Allen
Robert Allen
Lessees

STATE OF WYOMING,)
ss.
COUNTY OF Natrona)

On this 7th day of June, 1967, before me, the undersigned, personally appeared George H. Allison and Robert Allen, known to me to be the persons whose names are subscribed to the foregoing instrument as Lessees, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed the seal of my office on the date in this certificate first above written.

Marguerite H. Odegard
Notary Public for
Residing at Casper, Wyo.
My commission expires My Commission Expires Dec. 6, 1969

(SEAL)

STATE OF CALIFORNIA,)
ss.
COUNTY OF San Diego)

On this 16th day of June, 1967, before me, the undersigned, personally appeared Constance Crawford, known to me to be the person whose name is subscribed to the foregoing instrument as Lessor, and acknowledged to me that she executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed the seal of my office on the date in this certificate first above written.

FRANCES DAVIDSON
NOTARY PUBLIC - CALIFORNIA
COUNTY OF SAN DIEGO

(SEAL)

Frances Davidson
Notary Public for San Diego County, Calif.
Residing at Fallbrook, Calif.
My commission expires July 26, 1968

INDEXED

STATE OF MONTANA, ss. 117534
County of Beaverhead.

I hereby certify that the within instrument was filed in my office on the 26th day of June A. D. 1967 at 01 min. past 4 o'clock, P M and recorded on page 127-9 of Book 188 of Leases Records of Beaverhead County, Montana.

Attest my hand and seal

Evelyn J. Sage
County Recorder

By Mary L. Martin
Deputy

Fee $6.00

NO. 114A — CERTIFICATE OF LOCATION. STATE PUBLISHING CO., HELENA, MONT.

AMMENDED

CERTIFICATE OF LOCATION

Of the SOUTHWEST IRON MASK Quartz Lode Mining Claim

XX We, George H. Allison and Robert Allen ..... citizens of the United States with an address at P. O. Box 1681, Casper, Wyoming 82601, and being of lawful age, do hereby certify and declare as follows, to-wit:

That on the 12th day of June A. D. 19 67, the Southwest Iron Mask Quartz Lode Mining Claim, situate in The Blue Wing Mining District, County of Beaverhead State of Montana, was duly discovered.

That on said day a written or printed Notice of Location of said claim was duly posted, conspicuously, at the point of discovery on said claim, which said notice contained the name of the locator s, the date of the location (which said date of location was the date of the posting of such notice), and the approximate area of the claim intended to be appropriated.

That thereafter and within thirty days of the posting of said notice of location the locator s distinctly marked the location of said claim on the ground so that its boundaries could be readily traced, by placing monuments at each corner and angle of said claim, which said monuments consist of trees, post, stumps, stones and boulders described as follows, to-wit:

Beginning at the Northwest Cor. No. 1 of this claim which is a 4" Round Post 1,000 feet N 67°30' W of the common Section Corner of Sections 27, 28, 33, & 34; T. 7 S.; R. 11 W.; marked Northwest Cor. No. 1 of the Southwest Iron Mask Lode,

Thence First Course S 66°30' E a distance of 1,500 feet to the Northeast Cor. No. 2 of this claim, which is a 4" Round Post marked Northeast Cor. No. 2 of the Southwest Iron Mask Lode,

Thence Second Course S 19°00' W a distance of 600 feet to the Southeast Cor. No. 3 of this claim, which is a 4" Round Post marked Southeast Cor. No. 3 of the Southwest Iron Mask Lode,

Thence Third Course N 66°30' W a distance of 1,500 feet to the Southwest Cor. No. 4 of this claim, which is a 4" Round Post marked Southwest Cor. No. 4 of the Southwest Iron Mask Lode,

Thence Fourth Course N 19°00' E a distance of 600 feet to the Northwest Cor. No. 1, the place of beginning.

That each tree so marked was at least eight inches in diameter, and blazed on four sides; that each post so marked was at least four inches square by four feet and six inches in length set one foot in the ground, except where solid rock occurred at less depth, in which case the post was set upon such rock, and in all cases such posts were surrounded by a mound of earth and stone at least four feet in diameter by two feet in height, that each stump so marked was squared and was at least eight inches in diameter by four feet in height, and was surrounded by a mound of earth and stone four feet in diameter by two feet in height; that each stone so marked was at least six inches square by eighteen inches in length, set two-thirds of its length in the ground, with a mound of earth and stone alongside at least four feet in diameter by two feet in height; that each boulder so marked was at least three feet above the natural surface of the ground on the upper side of said boulder.

That within sixty days after the date of posting said notice of location:

1. The locator.... named herein sunk a discovery shaft on said claim at the point of discovery..... feet by..... feet, to the depth of at least ten feet vertically, below the lowest part of the rim of such shaft at the surface, and that the cubical contents of said shaft excavated is not less than one hundred and fifty cubic feet. (If you sink a discovery shaft, cancel all of paragraphs 2 and 3.)

2. The locator.... named herein excavated an open cut on said claim at the point of discovery..... feet wide by..... feet long and to the depth of at least..... feet, vertically, below the natural surface of the ground, and which said cut consists of at least one hundred and fifty cubic feet of excavation. (If you excavate an open cut, cancel all of paragraphs 1 and 3.)

3. The locator.... named herein excavated a tunnel on said claim at the point of discovery..... feet wide by..... feet in height, and..... feet in length, and to the depth of at least ten feet, vertically, below the natural surface of the ground, and which said tunnel consists of at least one hundred and fifty cubic feet of excavation. (If you excavate a tunnel, cancel all of paragraphs 1 and 2.)

That said locator.... did there, in the bottom of said..... (Shaft, Cut or Tunnel) at the lowest vertical depth thereof, disclose the vein, lode or deposit so located.

That said locator s claim 750 feet in a N 66°30' W direction, and 750 feet in a S 66°30' E direction, along the course of the vein each way from the discovery shaft, and 300 feet on each side of the center of the vein, the claim being 600 feet wide by 1,500 feet in length.

12

That the following reference is hereby made to natural objects and permanent monuments so as to identify said claim, to-wit:

The northwest Corner of this claim, Corner #1, is situated 1,000 feet N 67°30' W from the common Section Corner (brass cap) of Sections 27, 28, 33, & 34; Township 7 South; Range 11 West; 6th P. M.; Beaverhead County, Montana.

Corners #1 & #2 of this Claim are coincident with Corners #3 & #4 of the Iron Mask Patented Claim. (Survey #7383)

That the following claims adjoin this claim, to-wit: On the North the IRON MASK PATENTED *Quartz Lode Mining Claim. On the South the* -------- *Quartz Lode Mining Claim. On the East the* -------- *Quartz Lode Mining Claim. On the West the* -------- *Quartz Lode Mining Claim.*

That the claim is located, marked and designated as aforesaid is named and known as the Southwest Iron Mask *Quartz Lode Mining Claim, and it is situate in* The Blue Wing *Mining District, County of* Beaverhead, *State of Montana.*

That the name s *of the locator* s *and claimant* s *follows, to-wit:*

G. H. Allison — R. Allen

G. H. Allison — R. Allen

Locator..... and Claimant.....

STATE OF ~~MONTANA~~ WYOMING, *County of* Natrona } ss.

George H. Allison and Robert Allen

being first duly sworn, on ~~his~~ their *oath says: That* ~~he is a~~ they are *citizen* s *of the United States, and that* ~~he is~~ they are *of lawful age, that* ~~he is~~ they are *the locator* s *and claimant* s *of the* Southwest Iron Mask *Quartz Lode Mining Claim; that said location is made in good faith; that this "Certificate of Location" is made in good faith, and for the purpose of securing and enjoying all the right and benefits of Chapter 16 of the Laws of 1907 of the State of Montana entitled: "An Act governing the manner of locating, recording and holding possession of mining claims upon the public domain of the United States within the State of Montana," approved February 18, 1907; and that the matters and things stated in the foregoing "Certificate of Location" are true of his own knowledge.*

Subscribed and sworn to before me this 23rd *day of* June, *A. D. 19*67

Marguerite F. Odegard

Notary Public for the State of ~~Montana~~ Wyoming

Residing at Cheyenne, Wyo. *My Commission expires* My Commission Expires Dec. 6, 1968, *19*

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11535

Certificate of Location

Of the Southwest Iron Mask

Quartz Lode Mining Claim Blue Wing

Mining District, Beaverhead

County, State of Montana.

STATE OF MONTANA, } ss.
County of Beaverhead

Filed for Record on the 26th *day of* June, *A. D. 19*67 *at* 4:02 *o'clock* P. *M., and recorded in Book* 189 *of Lode Locations, at Page* 11 - 12

County Clerk.

By Mary P. Martin *Deputy.*

Fee, $ 4.00

RM - QQ - WY

Will Call

NO. 114A — CERTIFICATE OF LOCATION. STATE PUBLISHING CO., HELENA, MONT.

AMMENDED

CERTIFICATE OF LOCATION

Of the NORTHEAST IRON MASK Quartz Lode Mining Claim

XX We, George H. Allison and Robert Allen ..... citizens of the United States with an address of P. O. Box 1681, Casper, Wyoming 82601 being of lawful age, do hereby certify and declare as follows, to-wit:

That on the 12th day of June A. D. 19 67, the Northeast Iron Mask Quartz Lode Mining Claim, situate in The Blue Wing Mining District, County of Beaverhead State of Montana, was duly discovered.

That on said day a written or printed Notice of Location of said claim was duly posted, conspicuously, at the point of discovery on said claim, which said notice contained the name of the locator.s, the date of the location (which said date of location was the date of the posting of such notice), and the approximate area of the claim intended to be appropriated.

That thereafter and within thirty days of the posting of said notice of location the locator.s distinctly marked the location of said claim on the ground so that its boundaries could be readily traced, by placing monuments at each corner and angle of said claim, which said monuments consist of trees, post, stumps, stones and boulders described as follows, to-wit:

Beginning at the Northwest Cor. No. 1 of this claim which is a 4" Round Post, 1,490 ft. N 23°00' W of the common corner (brass cap) of Sections 27, 28, 33, & 34; T. 7 S.; R. 11 W.; marked Northwest Cor. No. 1 of the Northeast Iron Mask Lode,

Thence First Course S 66°30' E a distance of 1,500 feet to the Northeast Cor. No. 2 of this claim, which is a 4" Round Post marked Northeast Cor. No. 2 of the Northeast Iron Mask Lode,

Thence Second Course S 19°00' W a distance of 400 feet to the Southeast Cor. No. 3 of this claim, which is a 4" Round Post marked Southeast Cor. No. 3 of the Northeast Iron Mask Lode,

Thence Third Course N 66°30' W a distance of 1,500 feet to the Southwest Cor. No. 4 of this claim, which is a 4" Round Post marked Southwest Cor. No. 4 of the Northeast Iron Mask Lode,

Thence Fourth Course N 19°00' E a distance of 400 feet to the Northwest Cor. No. 1, the place of beginning.

That each tree so marked was at least eight inches in diameter, and blazed on four sides; that each post so marked was at least four inches square by four feet and six inches in length set one foot in the ground, except where solid rock occurred at less depth, in which case the post was set upon such rock, and in all cases such posts were surrounded by a mound of earth and stone at least four feet in diameter by two feet in height, that each stump so marked was squared and was at least eight inches in diameter by four feet in height, and was surrounded by a mound of earth and stone four feet in diameter by two feet in height; that each stone so marked was at least six inches square by eighteen inches in length, set two-thirds of its length in the ground, with a mound of earth and stone alongside at least four feet in diameter by two feet in height; that each boulder so marked was at least three feet above the natural surface of the ground on the upper side of said boulder.

That within sixty days after the date of posting said notice of location:

1. The locator.... named herein sunk a discovery shaft on said claim at the point of discovery ..... feet by ..... feet, to the depth of at least ten feet vertically, below the lowest part of the rim of such shaft at the surface, and that the cubical contents of said shaft excavated is not less than one hundred and fifty cubic feet. (If you sink a discovery shaft, cancel all of paragraphs 2 and 3.)

2. The locator.... named herein excavated an open cut on said claim at the point of discovery ..... feet wide by ..... feet long and to the depth of at least ..... feet, vertically, below the natural surface of the ground, and which said cut consists of at least one hundred and fifty cubic feet of excavation. (If you excavate an open cut, cancel all of paragraphs 1 and 3.)

3. The locator.... named herein excavated a tunnel on said claim at the point of discovery ..... feet wide by ..... feet in height, and ..... feet in length, and to the depth of at least ten feet, vertically, below the natural surface of the ground, and which said tunnel consists of at least one hundred and fifty cubic feet of excavation. (If you excavate a tunnel, cancel all of paragraphs 1 and 2.)

That said locator.... did there, in the bottom of said ..... (Shaft, Cut or Tunnel) at the lowest vertical depth thereof, disclose the vein, lode or deposit so located.

That said locator.s claim 750 feet in a N 66°30' W direction, and 750 feet in a S 66°30' E direction, along the course of the vein each way from the discovery shaft and 200 feet on each side of the center of the vein, the claim being 400 feet wide by 1,500 feet in length.

24

That the following reference is hereby made to natural objects and permanent monuments so as to identify said claim, to-wit:

The northwest corner of said claim, Corner #1, lies 1,490 feet in N 23°00' W direction from the brass cap marking the common corner of Sections 27, 28, 33, and 34; Township 7 South; Range 11 West; 6th P. M. Beaverhead County, Montana. Corners #3 & #4 of this Claim are coincident with Corners #1 & #2 of the Iron Mask Patented Claim (Survey #7383)

That the following claims adjoin this claim, to-wit: On the North the -------- *Quartz Lode Mining Claim. On the South the* Iron Mask Patented *Quartz Lode Mining Claim. On the East the* --------- *Quartz Lode Mining Claim. On the West the* --------- *Quartz Lode Mining Claim.*

That the claim is located, marked and designated as aforesaid is named and known as the Northeast Iron Mask *Quartz Lode Mining Claim, and it is situate in* The Blue Wing *Mining District, County of* Beaverhead *, State of Montana.*

That the name s *of the locator* s *and claimant* s *follows, to-wit:*

G. H. Allison — R. Allen

G. H. Allison — R. Allen

Locator s *and Claimant* s

STATE OF ~~MONTANA~~ Wyoming, } ss.
County of Natrona

G. H. Allison and R. Allen

being first duly sworn, on ~~his~~ their *oath says: That* ~~he~~ they are *citizen* s *of the United States, and that* ~~he~~ they are *of lawful age, that* they are ~~he is~~ *the locator* s *and claimant* s *of the* Northeast Iron Mask *Quartz Lode Mining Claim; that said location is made in good faith; that this "Certificate of Location" is made in good faith, and for the purpose of securing and enjoying all the right and benefits of Chapter 16 of the Laws of 1907 of the State of Montana entitled: "An Act governing the manner of locating, recording and holding possession of mining claims upon the public domain of the United States within the State of Montana," approved February 18, 1907; and that the matters and things stated in the foregoing "Certificate of Location" are true of his own knowledge.*

Subscribed and sworn to before me this 23rd *day of* June *, A. D. 196*7

Marguerite T. Odegard

Notary Public for the State of ~~MONTANA~~ Wyoming

Residing at Casper, Wyo. *My Commission expires* My Commission Expires Dec. 6, 1968 *, 19*

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117536

Certificate of Location

Of the Northeast Iron Mask

Quartz Lode Mining Claim Blue Wing

Mining District, Beaverhead

County, State of Montana.

STATE OF MONTANA, } ss.
County of Beaverhead

Filed for Record on the 26th

day of June *, A. D. 1967*

at 4:03 *o'clock* P *M., and*

recorded in Book 189 *of Lode Locations,*

at Page 13-14

County Clerk.

By Marguerite Martin *Deputy.*

Fee, $ 4.00

RM-QQ-WY

Will Call

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

LIEN AND SUBORDINATION AGREEMENTS 1/

To the United States of America:

That certain land in the County of Beaverhead, State of Montana, described as follows: 2/ Iron Mask Lode Patented Mining Claim, Survey No. 7383 A Mining Lease by and between Constance Crawford and G. H. Allison - R. Allen on said Claim as recorded in Book 188, Pages 127-129 in the records of Beaverhead County, in the State of Montana. Recorded June 26th, 1967 hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and G. H. Allison - R. Allen, P. O. Box 204, Dillon, Montana 59725 3/ hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same. 4/

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

None

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated _____, and recorded in Book _____, Page ____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions None (State "None" or "See Annex No. ____".)

Dated this 6 day of December 1967.

Constance Crawford Constance Crawford	(Seal)	1562 Copa de Oro Dr. La Jolla Calif.	(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)
	(Seal)		(Street) (City &) (State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____
(Corporate Seal)

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

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That certain land in the County of Beaverhead, State of Montana,

described as follows: 2/ Iron Mask Lode Patented Mining Claim, Survey No. 7383

A Mining Lease by and between Constance Crawford and G. H. Allison - R. Allen

on said Claim as recorded in Book 188, Pages 127-129 in the records of

Beaverhead County, in the State of Montana. Recorded June 26th, 1967

hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and

G. H. Allison - R. Allen, P. O. Box 204, Dillon, Montana 59725 3/

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same. 4/

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

None

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated _____, and recorded in Book _____, Page ____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

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4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions None (State "None" or "See Annex No.____".)

Dated this 6 day of December, 1967.

Constance Crawford (Seal)	1562 Copa de Oro Dr.	(Street)
	La Jolla Calif.	(City & State)
Constance Crawford		
		(Street)
(Seal)		(City & State)
		(Street)
(Seal)		(City & State)
		(Street)
(Seal)		(City & State)
		(Street)
(Seal)		(City & State)
		(Street)
(Seal)		(City & State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____ (Corporate Seal)

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

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on said Claim as recorded in Book 188, Pages 127-129, in the records of

Beaverhead County, in the State of Montana. Recorded June 26th, 1967

hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and

G. H. Allison - R. Allen, P. O. Box 204, Dillon, Montana 59725 [3]

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

None

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated _____, and recorded in Book _____, Page ____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

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5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions None (State "None" or "See Annex No.____".)

Dated this 6 day of December 1967.

Constance Crawford (Seal)	1562 Cofa de Oro Dr. (Street) La Jolla Calif. (City & State)	
Constance Crawford		
(Seal)	(Street) (City & State)	
(Seal)	(Street) (City & State)	
(Seal)	(Street) (City & State)	
(Seal)	(Street) (City & State)	
(Seal)	(Street) (City & State)	

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____
(Corporate Seal)

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

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1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same. 4/

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

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5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions None (State "None" or "See Annex No.____".)

Dated this 6 day of December, 1967.

Constance Crawford (Seal)	1562 Cofa de Oro Dr.	(Street)
Constance Crawford	La Jolla Calif.	(City & State)
(Seal)		(Street)
		(City & State)
(Seal)		(Street)
		(City & State)
(Seal)		(Street)
		(City & State)
(Seal)		(Street)
		(City & State)
(Seal)		(Street)
		(City & State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____ (Corporate Seal)

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

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To the United States of America:

That certain land in the County of Beaverhead, State of Montana, described as follows:[2] Iron Mask Lode Patented Mining Claim, Survey No. 7383 A Mining Lease by and between Constance Crawford and G. H. Allison - R. Allen on said Claim as recorded in Book 188, Pages 127-129, in the records of Beaverhead County, in the State of Montana. Recorded June 26th, 1967 hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and G. H. Allison - R. Allen, P. O. Box 204, Dillon, Montana 59725,[3] hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

None

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated_____, and recorded in Book_____, Page____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions ____None____ (State "None" or "See Annex No.____".)

Dated this 6 day of December, 1967.

Constance Crawford (Seal)	1562 Copa de Oro Dr (Street) La Jolla Calif (City & State)	
Constance Crawford		
_____ (Seal)	_____ (Street) (City & State)	
_____ (Seal)	_____ (Street) (City & State)	
_____ (Seal)	_____ (Street) (City & State)	
_____ (Seal)	_____ (Street) (City & State)	
_____ (Seal)	_____ (Street) (City & State)	

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____ (Corporate Seal)

GOODALL BROTHERS

ESTABLISHED 1909

ASSAYERS

HORACE HAND, OWNER MANAGER
RES. PHONE 406/442-0696

PHONE 406/442-3770
46 SOUTH MAIN ST.
P. O. BOX 537
HELENA, MONTANA
59601

Helena, Montana, July 17, 1967

ASSAYED FOR

G. H. Allison

HAND SAMPLE

DESCRIPTION	GOLD OZS. PER TON	SILVER OZS. PER TON	WET LEAD PER CENT	COPPER PER CENT	ZINC PER CENT	INSOL. PER CENT	PER CENT	PER CENT	
Iron Mask # 1	0.22	7.0	12.0 ✓						
# 2	0.02	16.2	54.2 ✓						

*Gold not deducted

Charges $ 12.00

GOODALL BROS.

By Horace Hand

MONTANA LABORATORY COMPANY

CHEMISTS AND ASSAYERS

Philipsburg, Montana, July 20, 1967

The Following Analyses Were Made For Geo. H. Allisen

Iron Mask	Per Cent H_2O	Ozs. Silver Per Ton	Ozs. Gold Per Ton	$ Gold Per Ton	Per Cent Copper	Per Cent Mn. Dioxide	Per Cent Iron	Per Cent Lead	Per Cent Manganese	Per Cent Silica	Per Cent Zinc
#1		1.70						1.46	✓		
2		8.30						21.57	✓		
3		1.40						0.83			
4		16.40						66.17	✓		

MONTANA LABORATORY COMPANY

By W. L. Riedenhart

MONTANA LABORATORY COMPANY

CHEMISTS AND ASSAYERS

Philipsburg, Montana, October 14, 1967

The Following Analyses Were Made For Geo. H. Allisen

	Per Cent H_2O	Ozs. Silver Per Ton	Ozs. Gold Per Ton	$ Gold Per Ton	Per Cent Copper	Per Cent Mn. Dioxide	Per Cent Iron	Per Cent Lead	Per Cent Manganese	Per Cent Silica	Per Cent Zinc
#60		2.00						1.57			
61		2.50						0.52			
62		17.80						0.63			
No. ?		2.80						1.15			

MONTANA LABORATORY COMPANY

By W. L. Riefenhauer

MONTANA LABORATORY COMPANY

CHEMISTS AND ASSAYERS

Philipsburg, Montana, October 14, 1967

The Following Analyses Were Made For Geo. H. Allisen

	Per Cent H_2O	Ozs. Silver Per Ton	Ozs. Gold Per Ton	$ Gold Per Ton	Per Cent Copper	Per Cent Mn. Dioxide	Per Cent Iron	Per Cent Lead	Per Cent Manganese	Per Cent Silica	Per Cent Zinc
#54		0.40						5.23			
55		1.40						0.21			
56		0.30						0.84			
57		4.10						0.43			
58		6.00	0.080	$2.80				6.69			31.74
59		8.60						6.90			

MONTANA LABORATORY COMPANY

By W. L. Riedenbach

Miss Dorothy Craig 5/13/68
Office of Comp. Battein
180-4415

phoned & inquired whether they furnished some papers in this matter, which they cannot locate. They are looking for a "summary of expenses to keep the mine open & what the assayer's sample showed, etc".

I told her we would get the file & call back.

Grace

Returned call - Admiral [illegible] on board not [illegible] anything from Comp. Battelle Office JEF

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/15/68	Peters	120
4/16/68	Kirkemo	120
4/16/68	On leave	110
4/16/68	Kilszard	~~110~~
4/16	Kepp	
		110
		220

AIRMAIL

APR 17 1968

Mr. George H. Allison and
Mr. Robert Allen
P. O. Box 204
Dillon, Montana 59725

Re: OME-6668 (Silver and Gold)
George H. Allison and Robert Allen
Iron Mask Mine
Beaverhead County, Montana

Gentlemen:

Careful study of your application for financial assistance to explore 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 assistance is denied.

We wish to thank you for your interest in the minerals exploration program and for bringing your property to our attention.

Sincerely yours,

FRANK E. JOHNSON cc

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
~~OME~~ File
OME Reading File
Mr. Peterson
Region I

ECPeterson/bsl 4/15/68

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/15/68	Kirkham	120
4/17	John	120
		110
		~~110~~
		110
		220

Memorandum

APR 17 1968

To: The File

From: Edward C. Peterson

Subject: OME-6668 (Silver and Gold)
George H. Allison and Robert Allen
Iron Mask Mine
Beaverhead County, Montana

Justification for Denial of Application

The OME field examiner found no geologic evidence on the property to justify further exploration. Access to the underground workings was limited, and surface exposures of the structures were too indefinite to determine their potential.

The examiner concluded that ore deposits which may exist are small and that, based on presently available information the principal metal value present is lead, which is not currently on the list of minerals eligible for Government assistance.

I concur with the field examiner and recommend that the application for assistance be denied.

Edward C. Peterson

Edward C. Peterson

cc: Director's Reading File
Division File
Economic Geology File
OME File
Mr. Peterson
130

ECPeterson/bsl 4/15/68

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
U. S. Court House, Rm. 656
W. 920 Riverside Avenue
Spokane, Washington 99201
April 8, 1968

OFFICIAL COPY
O. M. E.
RECEIVED
APR 12 1968
INITIALS | CODE
gla | 130
| 170
| 110
| 120

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Application Examination
OME-6668 (Silver and Gold)
George H. Allison and Robert Allen
Iron Mask Mine
Beaverhead County, Montana

On-site Exam. Report

INTRODUCTION

The Iron Mask mine was visited March 5, 1968, in the company of G. H. Allison and A. Allen, the applicants. Because of limited exposures, the inaccessibility of the Iron Mask main shaft, and the flooding at the bottom of the Southeast Shaft, only about 2 hours were spent on the property. About another hour was spent attempting to clarify the locations at which the applicants took their samples; additional assay certificates were obtained, but the locations from which these samples came could only be given generally as mostly coming from the Southeast Shaft and the dozer cut in which the shaft was started.

It is concluded that the chance of making a significant discovery of silver ore is poor and that more than 50 percent of the expected values will be in lead. Denial is recommended.

PROPERTY, LOCATION, AND ACCESSIBILITY

The property comprises three claims, the patented Iron Mask claim which the applicant holds by lease, and the Northeast Iron Mask and Southwest Iron Mask claims which he holds by right of location.

Located in secs. 27, 28, 33, and 34, T. 7 S., R. 11 W. P.M., Blue Wing Mining District, Beaverhead County, Montana, the claims are about 32 miles southwesterly from Dillon. To reach them, follow U. S. Highway about 3.5 miles south, turn right and follow State Highway 278 about 19.5 miles to the old Ten Mile Stage Station. Here look for an unimproved dirt road turning off to the left at a sign showing "Spokane National, New Departure Mine." Follow this road about 9 miles to the southwest to the Iron Mask mine.

GEOLOGIC SUMMARY

General

The geology and ore deposits of the Blue Wing Mining District are described in some detail by Shenon (1931). In the vicinity of the Iron Mask mine, limestone beds of the Madison Formation (Carboniferous) have been intruded by fine-grained, medium- to dark-granodiorite (Late Cretaceous).

Southwest of the area, near the old town of Bannack, the sedimentary rocks have been folded into a broad overturned anticline, the core of which is occupied by intrusive rocks and to the north a series of well-developed folds have been developed. Near the Kent mine, about 2,500 feet westerly from the Iron Mask claims, a small anticlinal dome is exposed.

West of the area there is considerable evidence of thrust faulting along a number of surfaces, in places resulting in the Madison beds overlying younger "Red Beds" (Triassic?). Normal faults occur throughout the district (Shenon, 1931, p. 25-26).

Ore deposits occur most commonly in the Madison limestone beds, less so in the granodiorite, and almost without exception near the sedimentary-igneous contact.

Local

The Iron Mask workings are entirely within granodiorite. The old shaft from which the mine was worked has been bulkheaded near the collar and filled with debris as a safety measure. The dump contained pieces of black porous quartz coated and stained by manganese and iron oxides. Some calcite but no sulfide minerals were noted. The area about the shaft was traversed, particularly to the east, but no vein outcrop was found. About 360 to 380 feet southeasterly from the shaft pieces of iron- and manganese-stained float resembled weathered granodiorite rather than vein quartz and a few pieces of quartz that were found were not porous nor were they more than lightly stained by iron oxide. About 40 to 50 feet south of the float area the applicant had exposed by dozer work more iron-stained granodiorite in place and about 30 feet southeast of this exposure he had uncovered a sheared zone in the plane of which he sank a slusher winze at a grade of about -25°.

From 0 to 60 feet the winze was in the plane of shearing, but at that point the applicant veered off to the right or north and for the next 61 feet the winze was in the footwall. Returning to the 60-foot point, the winze followed the shear zone to a depth of 126 feet.

The first 15 feet of the winze was timbered and back-lagged, but below that point the ground stood well without timber. No sulfides were noted above the 60-foot level. Here the shear zone is about 4.5 feet wide, strikes S. 85° W. and dips 70° S. At the west end is a lens of galena about 4 feet wide that tapers rather sharply toward the east. Toward the west and down the winze it appears to pinch, but the applicants said it widens out near the bottom of the winze, now under water. At the east end no sulfides were noted, but a sample chipped across 4 feet by the examiner assayed 3.6 ounces silver per ton and 0.6 percent lead. The winze was flooded below a depth (inclined) of about 115 feet and above the water was nearly filled with debris to about the 110-foot point.

The applicants' record of sample location and width was sketchy at best. According to him, all samples were cut across 4' to 4.5' feet; the best he could do for locations was to group samples within zones of winze depth. Thus, referring by date to the assay reports of which he submitted photostatic copies, samples 1 and 2 of July 17, 1967, were taken in the dozer cut before the winze was started; samples 1 through 4 of July 20, 1967, were taken in the winze between 0 and 60 feet; samples 54 through 59 of October 14, 1967, were taken between 60 and 106 feet; samples 60 through "No?" of October 14, 1967, and 64 through 70 of October 24, 1967, were taken between 106 feet and the face at 126 feet. In the case of 17 assays, lead is the principal mineral; in only 6 is the dominant mineral silver; the average grade for all 23 samples is 6.10 ounces silver per ton and 11.30 percent lead. The average grades for each of the above intervals are:

Interval	No. of samples	Ounces/T Ag	Percent Pb	Dominant Metal % value/T	
Surface	2	11.60	33.10	Pb	79.75%
0-60'	4	6.95	22.51	Pb	81.72%
60'-106'	6	3.47	3.38	Pb	57.34%
106'-126'	11	6.22	7.57	Pb	62.68%

After the on-site inspection the applicant presented 4 additional assay certificates for 28 samples the location of which he could only give as in the shaft or the dozer cut in which the shaft was collared. Of these, 8 samples were assayed for silver only; the remaining 20 samples assayed for silver and lead indicate an average grade of 5.34 ounces silver per ton and 3.23 percent lead, and that silver makes up 54.51 percent of the total values.

Because the individual samples cannot be located with sufficient accuracy to compare those that might be check samples and because in the first group of 23 sample assays there are 4 silver assays higher than 10 ounces per ton and 7 lead assays higher than 10 percent, and in the second group of 20 sample assays there are 2 silver assays higher than 10 ounces per ton and no lead assays higher than 7.85 percent, the best ratio of silver values to lead values over all would be indicated by averaging all 43 assays. Such average indicates 4.50 ounces silver per ton and 7.55 percent lead, and that lead makes up 69.84 percent of the total value.

According to Shenon (1931, p. 38-39), the shaft was reportedly sunk to a depth of 200 feet and it is known that ore was shipped in the early days; the applicant states that the mine was reportedly operated in the 1890's and that the shaft is only 100 feet deep with a 90-foot drift easterly on the 100 level. There is no record of production during the early years. The U. S. Bureau of Mines furnished the following production reported for the years 1934-1935, and 1942, and no production for the periods 1936-1941 and 1943-present:

		Ounces/T			Pounds	
Year	SDT	Au	Ag	Lead	Zinc	Copper
1934	47	-	649	--	--	108
1935	56	2	840	--	--	83
1942	7	-	84	--	--	--
Total	110	2	1,573			191
Indicated average grade		0.03	14.30			0.09%

Although the above production all came from the main Iron Mask vein, the lack of any reported lead or zinc probably indicates that the ore was shipped to Anaconda. That there was an appreciable amount of lead in this ore is indicated by the applicants' statement:

> "In talking with Mr. Stallings it was * * * further learned that assays run on the vein at the east end of the * * * one hundred foot level ran 50 percent lead with one ounce of silver * * * for each one percent of lead."

The only other known mine entirely within this area of granodiorite is the Del Monte, about three-quarters of a mile to the northwest. Shenon (1931, p. 34-36) describes this property. In summary, the ore occurs in well-defined veins in granodiorite that strike N. 80° E.

and dip steeply south. Near the surface the veins are filled with brown to black porous material, mostly quartz with stains and coatings of iron and manganese oxides. At a depth of about 50 feet sulfides occur in a gangue of quartz, calcite and rhodochrosite. The mine has been developed by a shaft 253 feet deep. Production figures for the early days of operation are not available. For the years 1922, 1935 through 1939, and 1941, production figures furnished by the Bureau of Mines total 394 tons of ore having an average grade of 0.05 ounce gold and 18.77 ounces silver per ton; 110 tons at 0.09 percent lead; and 125 tons at 0.09 percent copper. Lead was reported from only one of six shipments, copper from only one other.

In view of the incomplete production records, if it were assumed that the entire production were 10 times that of record, which is probably much too high, the Iron Mask total production would have been in the order of:

Tons ore	Ounces silver	Value silver	Pounds lead	Value lead	Total value
1,100	15,730	$31,460	1980	$273	$31,733

If an ore body of similar size and at the average grade indicated by the applicants' sample assays were found by the proposed crosscutting and drifting, it would have a grade and value in the order of:

Tons ore	Ounces silver	Value silver	Pounds lead	Value lead	Total value
1,100	4,950	$9,900	166,100	$22,921	$32,821

His crosscut would intersect the main vein 20 feet above and about 75 feet east of the face of the 100 level from which the recorded production came. At 14.3 ounces silver per ton and 14.3 percent lead, and at recent prices, the potential discovery here would be in the order of:

Tons ore	Ounces silver	Value silver	Pounds lead	Value lead	Total value
1,100	15,730	$31,460	314,600	$43,415	$74,875

Thus, at best, the most optimistic discovery that could be expected would be worth in the order of $107,696.00, of which the lead values would make up 61.6 percent. The applicants' estimated total cost to make this discovery is $35,700.00.

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that ore deposits in the granodiorite are small and that, based on presently available information lead will make up more than 50 percent of the values that might be found in the Southeast vein, and at least 50 percent of the values that might be found in the main Iron Mask vein. Finally, it is concluded that the chance of making a significant discovery by the proposed crosscut and drift is poor.

It is recommended that the application be denied.

D. R. MacLaren

Distribution:
- OME
- USGS(SRO)
- Docket
- MacLaren

REFERENCES

Shenon, Philip J., 1931, Geology and ore deposits of Bannack and Argenta, Montana: State of Montana Bur. Mines and Geol. Bull. No. 6.

GEOLOGICAL SURVEY
U. S. Court House, Rm. 656
W. 920 Riverside Avenue
Spokane, Washington 99201
January 16, 1968

OFFICIAL
COPY
O. M. E.
RECEIVED
JAN 18 1968

INITIALS	CODE
[illegible]	120
[illegible]	110
[illegible]	120

AIRMAIL

Mr. George H. Allison and
Mr. Robert Allen
P. O. Box 204
Dillon, Montana 59725

Re: OME-6668 (Silver and Gold)
Iron Mask Mine
Beaverhead County, Montana

Gentlemen:

In reference to your letter of January 12, 1968, I cannot say at this time when I will be able to make an on-site examination of the Iron Mask mine.

As soon as I can plan on my next trip into the field, I will advise you a week or 10 days ahead of time.

Sincerely yours,

D. R. MacLaren
Field Officer, Region I
OME

DRMacLaren/mls

cc: OME w/cpy incoming

Director's Reading File

ALLMONT
OIL & MINING COMPANY, INC.
P. O. BOX 204 PHONE (406) 683-5828
DILLON, MONTANA 59725

G. H. ALLISON
PRESIDENT

R. ALLEN
VICE-PRESIDENT

L. R. ALLEN
SECRETARY

January 12, 1968

Mr. Donald R. MacLaren
Field Officer-Region No. 1 - Office of Minerals Exploration
United States Department of the Interior
United States Court House, Room 656
West 920 Riverside
Spokane, Washington 99201

Re: OME Docket No. 6668
Iron Mask Mine (Silver and Gold)

Dear Mr. MacLaren:

Please be advised that Mr. Allen and myself have incorporated our joint mining venture in the captioned mine area in an effort to increase the continuity of all phases of said operations.

I would also like to inform your office that we have temporarily suspended mining operations awaiting your surface inspection of the property preparatory to either approval or disapproval of our request for financial assistance from The Office of Minerals Exploration. I would like to assure you at this time, that we have adequate facilities wish which to gain access to the immediate mine area.

Mr. Allen and myself are both back in Casper, Wyoming awaiting word from your office regarding your "on-site" inspection, and all mail regarding same may be sent to P. O. Box 1681, Casper, Wyoming 82601. Should it be necessary to contact us by phone, you may do so at the following numbers: R. Allen (307) 234-6827, and myself at (307) 237-7874.

I wish to thank you for any assistance you may be able to offer concerning this matter.

Sincerely,

G. H. Allison,
President

RECEIVED
JAN 15 1968

Office of Minerals Exploration
Building 53 Room 203

OFFICIAL COPY
O. M. E.
RECEIVED
JAN 19 1968
INITIALS CODE
~~130~~
BSC 120
JJG ~~110~~
EPD 120

January 18, 1968

Mr. Dorman S. O'Leary
P. O. Box 1041
Wickenburg, Arizona 85358

Re: OME-6679 (Copper, Gold and Silver)
Dorman S. O'Leary
Copperopolis Property
Yavapai County, Arizona

Dear Mr. O'Leary:

Will you please let us know the earliest date you think the above-stated property will be accessible for a field examination? We are setting up our schedule and would like to set a tentative date as soon as possible.

Sincerely yours,

J. William Hasler
mc

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

cc: Chief, OME ✓
OME-6679 application file
OME chron
Mr. Hasler

G. H. ALLISON - R. ALLEN
Iron Mask Mine
Beaverhead County, Montana
P. O. Box 204
Dillon, Montana

December 20, 1967

OFFICIAL COPY
O. M. E.
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gla | 121
gla | 120 m
RJ | 110
EM | 120 P

Mr. Frank E. Johnson
Chief, Office of Minerals Exploration
United States Department Of The Interior
Geological Survey
Washington, D. C. 20242

Re: OME Docket - 6668 (Silver and Gold)
Iron Mask Mine
Beaverhead County, Montana

Dear Mr. Johnson:

Enclosed please find the original and four carbon copies of a Lien and Subordination Agreement, Your form MME Form 52, covering the Iron Mask Lode Patented Mining Claim, Survey Number 7383; said forms have been fully executed by Mrs. Constance Crawford.

George Allison talked with Mr. MacLaren by telephone Monday, December 18th, regarding a date for an on-site inspection, and Mr. MacLaren indicated that he would be unable to get to it before the middle of February. He did mention that the present snow conditions would impair any surface inspection of the property at this time, however we explained to him that persistent surface outcrops were lacking, and that all observations would have to be confined to the underground workings in the Southeast Shaft area. We further explained to him that the exploratory work undertaken by Mr. Allison and myself in the Southeast Shaft was attempted in an effort to establish the vein structure and the degree of mineralization present. We believe that this purpose was accomplished in part, and that further exploratory work must be undertaken to determine the property's full commercial value, hence our application for OME financial assistance. We felt that this explanation was well received by Mr. MacLaren.

If there is anything we can do to further facilitate or expedite our application, please feel free to contact us at your convenience.

~~Sincerely,~~

R. Allen

R. Allen CPG

Enclosures:
cc: Mr. D. R. MacLaren
Spokane, Washington

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
12/6/67	Peterson	120
12/7/67	Skibenno	120
		110
12/7	Cal	220
		120M

AIRMAIL

Memorandum

DEC 7 1967

To: The Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6668 (Silver and Gold)
George H. Allison and Robert Allen
Iron Mask Mine
Beaverhead County, Montana

We are referring the subject application to you for further study, a field examination, if warranted, and recommendations.

The application lacks much of the geologic evidence to support the view that significant silver reserves would be discovered by the proposed work. Rather, the information indicates that the Iron Mask property is chiefly a lead deposit and may not be eligible for OME assistance. We note in particular that the justification for exploring vein "A" is based only on hearsay. Perhaps the needed support can be obtained during a field examination.

Please note that in event of a contract the Applicant will furnish a Performance Bond, if Lien and Subordination Agreements cannot be obtained.

FRANK E. JOHNSON

Frank E. Johnson

Enclosure

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

ECPeterson/bsl 12/6/67

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
12/6/67	Peterson	120
12/7/67	Johnson	120
		110
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		120M

DEC 7 1967

AIRMAIL

Mr. George H. Allison and
Mr. Robert Allen
P. O. Box 204
Dillon, Montana 59725

Re: OME-6668 (Silver and Gold)
George H. Allison and Robert Allen
Iron Mask Mine
Beaverhead County, Montana

Gentlemen:

Thank you for your letter of November 29, 1967, enclosing additional information in support of the subject application for exploration assistance.

The application is now being referred to Mr. D. R. MacLaren, Field Officer, U.S. Courthouse, Room 456, West 920 Riverside Avenue, Spokane, Washington 99201.

Mr. MacLaren will notify you if he requires additional information and to arrange for an on-site examination of the property, if necessary.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's ReadingFile
Division File
Economic Geology File
OME File
OME Reading File
Mr. Peterson
Region I

ECPeterson/bsl 12/6/67

43683

Copy to R-I

G. H. ALLISON - R. ALLEN
IRON MASK MINE
P. O. Box 204
Dillon, Montana
59725

OFFICIAL
COPY
O. M. E.
RECEIVED
DEC 4 1967
INITIALS

November 29, 1967

Mr. Frank E. Johnson
Chief, Office of Minerals Exploration
U. S. Department of the Interior
Geological Survey
Washington, D. C. 20242

Re: Docket No. OME-6668
George H. Allison and Robert Allen
Iron Mask Mine
Beaverhead County, Montana

Dear Mr. Johnson:

In accordance with your letter of November 22, 1967, we respectfully submit the following additional information:

(1) Regarding exploration of the target areas, we had anticipated this to be deemed development work, thus not elgible for OME assistance. However, it is our intention to drift laterally along each vein a minimum of fifty feet (50') east and west of the cross-cut tunnel. This will add an estimated 200 feet of additional tunnelling to our initial proposal or a total of 850 feet at $42.00 per linear foot or a total project cost estimate of $35,700.00.

(2) Regarding diamond core drilling, we discussed this at great length and feel that with the local variations in the rate of dip of the fissure vein system, 65° South to Vertical, as determined in our underground workings in the Southeast Shaft area, a projected target area location would be very difficult. In addition, there are no persistent outcrops of either vein from which to make an accurate vein projection. The cost of diamond coring in the granodiorite at this depth would be between $12.00 and $15.00 per foot, which does not include moving charges. Further, due to the greatly increased activity in uranium exploration, it is highly improbable that we could secure a competent drilling contractor for our project. In considering both exploratory approaches, we are certain that the proposed cross-cut tunnel with the above-described lateral drifting will afford a much greater assessment of the subject property's commercial value. Also, assays taken in the Southeast Shaft workings, although encouraging, have been spotty; hence exploratory work at a greater depth must be undertaken.

(3) Enclosed please find carbon copies of letters sent to the following banks:

First National Bank, Casper, Wyoming
First National Bank, Dillon, Montana.

(4) We are currently attempting to secure the Lien and Subordination Agreement from Mrs. Constance Crawford, however in the event that we are unsuccessful in securing same, we will furnish a Performance Bond covering the Government's share of the proposed project cost in accord with your standard Performance Bond Form 25.

(5) The following tabulation of detailed costs as estimated is included as follows:

(a) Supervision and Engineering -		
Supervision (salary $650.00/Month)		$ 5.40/ft.
Engineering (2 days/month @ $100.00/day)		1.82/ft.
(b) Labor -		
Montana Industrial Accident Ins.	$105.60/month	$ 0.96/ft.
Unemployment Insurance	25.00/month	0.25/ft.
Salary $11.00/ft as per contract		11.00/ft.
(c) Supplies and Materials -		
Six ton (25#) rail	$600.00	$ 0.75/ft.
Explosives - cord - $126.00		
fuses-caps- 127.50		
powder -1,904.00		
totals $ 2,157.50		2.54/ft.
Fuel - diesel 30 gal./day $ 5.40		1.08/ft.
gas 5 gal./day 1.50		0.30/ft.
Pipe - 850 ft. 2 inch pipe --------		0.20/ft.
Hose - Air 400 ft. @ $1.00/ft. - $400.00		0.47/ft.
Water 200 ft. @ $0.75/ft.- 150.00		0.18/ft.
Dozer work - 16 hrs/month @ $18.00/hr. $228.00		2.07/ft.
Water - $55.00/month		0.50/ft
Assaying -		1.00/ft.
Waste removal - $1,275.00		1.50/ft.
Maintanence - $ 150.00/month		1.36/ft.
Miscellaneous - lubricating oil, nails, wedges, drill steel, chain, mud hooks, hand tools, and welding accessories $ 250.00/month		2.28/ft.
(d) Equipment -		
Air Compressor (rental)	$ 350.00/month	3.18/ft.
Two Jack Legs "	90.00/month	0.81/ft.
Eimco Mucker "	150.00/month	1.37/ft.
Trammer "	150.00/month	1.37/ft.
Four Side-Dump Mine Cars	80.00/month	0.73/ft.
650 feet Vent line & Fan	75.00/month	0.68/ft.
	Sub-Totals	$ 41.80/ft.
Bookeeping - $50.00/month		$ 0.46/ft.
	Totals	$ 42.26/ft.

Timbering is submitted as an additional expense as follows:
$ 8.50/ft

I trust the foregoing material will answer those questions as set forth in your letter of November 22, 1967.

Sincerely,

G. H. Allison R. Allen

cc: Mr. Mc Clarin, Spokane, Wash.

GEORGE H. ALLISON
POST OFFICE BOX 1681
CASPER, WYOMING 82601

October 25, 1967

Mr. D. D. Giddings
Vice-President
First National Bank
Casper, Wyoming 82601

Re: Mining Exploration Loan
Iron Mask Mine
Beaverhead County, Montana

Dear Mr. Giddings:

In accordance with a personal conversation with you as of this date, please consider this correspondence as a request for a mining exploration loan to be applied to the captioned property in the amount of $40,000.00. Submitted herewith are copies of the geologic report, leasehold ownership, and mining lease covering the subject lands.

The purpose of said loan is for driving the haulage tunnel as indicated on the accompanying geologic map with repayment to be effected from subsequent production. The effective date of this loan is to be January 1, 1968 with a primary term of two (2) years from that date.

Your earliest consideration regarding this request will be appreciated.

Sincerely,

G. H. Allison

G. H. Allison

R. Allen

R. Allen

after the fact

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11/22/67	Peterson	120
11/22/67	Kirkham	120
		110
		220
		120M

NOV 2 2 1967

AIRMAIL

Mr. George H. Allison and
Mr. Robert Allen
P. O. Box 204
Dillon, Montana 59725

Re: OMK-6668 (Silver and Gold)
George H. Allison and Robert Allen
Iron Mask Mine
Beaverhead County, Montana

Gentlemen:

A preliminary review of your application for exploration assistance shows that the following additional information is needed before we can continue its processing.

We note that no provisions have been included in your proposal for the exploration of the target areas. The proposal of driving a haulage tunnel without subsequent testing of the mineralized structures encountered by the workings is considered development and is not eligible for OMK assistance. The work plan and cost estimate should be revised to include sufficient drifting and/or underground drilling to adequately explore these mineralized areas.

Please comment on the feasibility of other, less costly, exploration such as diamond drilling from surface sites in lieu of the proposed work.

Although you have submitted copies of letters from two banks refusing to grant an exploration loan, it is also necessary for you to furnish copies of your letters to the banks requesting such a loan. Your letters should state the amount of the loan, purpose, date, and terms requested.

If Lien and Subordination Agreements signed by the owner of the Iron Mask Claim cannot be obtained, we must have your assurance that you would furnish a Performance Bond covering the Government's share of the estimated cost of the work in the event of a contract. A standard Performance Bond Form 25 is enclosed for your study.

23263

For your information, under an OME contract underground openings 5' by 7' in cross section are considered adequate for exploratory purposes, and any additional cost incurred for driving larger openings would be at the Operator's own expense.

A revised detailed cost estimate should also be furnished. The costs should be distributed as follows for the work to be performed:

(1) Supervision and engineering

(2) Labor

(3) Supplies and materials

(4) Equipment

We will be pleased to consider your application further upon receipt of the requested information. However, nothing in this letter should be construed as a commitment by the Government to grant an exploration contract.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosure

cc: Director's Reading File
Division File
Economic Geology File
OME Docket
OME Reading File
Region I
Mr. Peterson

ECPeterson/bsl 11/22/67

November 13, 1967

Mr. George H. Allison and
Mr. Robert Allen
P. O. Box 204
Dillon, Montana 59725

Subject: OME - 6668

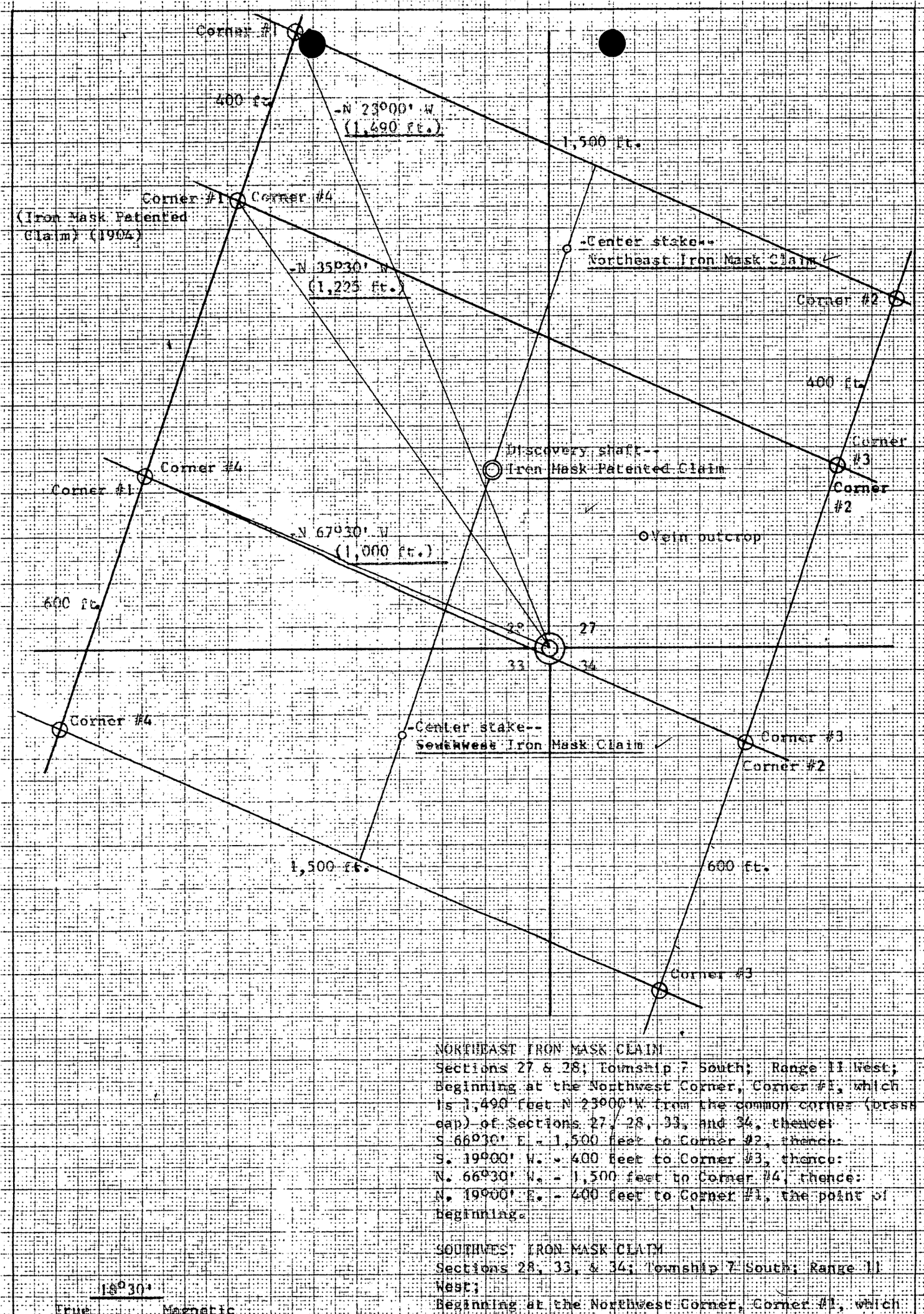
Gentlemen:

Your application for exploration assistance, dated November 6, 1967, submitted to our office at Spokane, Washington, has been assigned Docket No. OME-6668.

Please identify all future correspondence relating to your application by this docket number.

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region I



NORTHEAST IRON MASK CLAIM
Sections 27 & 28; Township 7 South; Range 11 West;
Beginning at the Northwest Corner, Corner #1, which is 1,490 feet N 23°00'W from the common corner (brass cap) of Sections 27, 28, 33, and 34, thence:
S 66°30' E - 1,500 feet to Corner #2, thence:
S. 19°00' W. - 400 feet to Corner #3, thence:
N. 66°30' W. - 1,500 feet to Corner #4, thence:
N. 19°00' E. - 400 feet to Corner #1, the point of beginning.

SOUTHWEST IRON MASK CLAIM
Sections 28, 33, & 34; Township 7 South; Range 11 West;
Beginning at the Northwest Corner, Corner #1, which is 1,000 feet N. 67 30' W. from the common corner, (brass cap), of Sections 27, 28, 33, & 34, thence:
S. 66°30' E. 1,500 feet to Corner #2, thence:
S. 19°00' W. 600 feet to Corner #3, thence:
N. 66°30' W. 1,500 feet to corner #4, thence:
N. 19°00' E. 600 feet to Corner #1, the point of beginning.

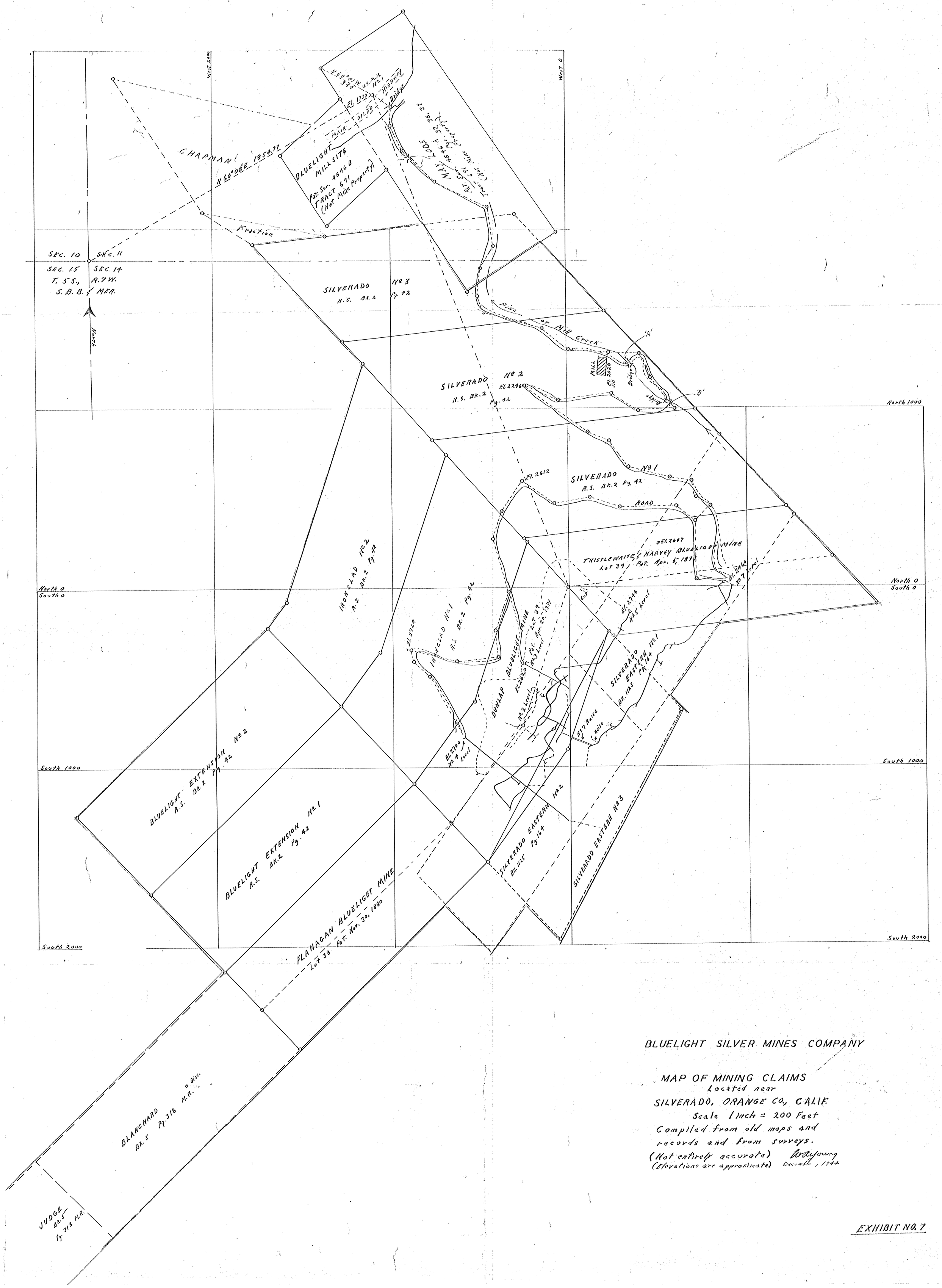
Between the two (2) above-described Mining Claims and adjoining them as shown is situated the Iron Mask Patented Quartz Lode Mining Claim.
Survey # 7383-

18°30'
True North
Magnetic North

Approximate Mean Declination 1967
Surveyed by: G. H. Allison & R. Allen

OME-5559

EXHIBIT NO. 4



BLUELIGHT SILVER MINES COMPANY

MAP OF MINING CLAIMS
Located near
SILVERADO, ORANGE CO., CALIF.
Scale 1 inch = 200 Feet
Compiled from old maps and records and from surveys.
(Not entirely accurate)
(Elevations are approximate)

W. H. Young
December, 1944

EXHIBIT NO. 7