DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2980

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EXPLORATION ASSISTANCE

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

Routing Slip

CYS TO USBM, USGS 1 cy retained Reg. II

To:	Code 700	Date	4/14/53.
To:	Gen Com	Date	5-8-53
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700
FILE COPY
SURNAME:

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

Mr. L. L. Listie, General Partner
Granite Star Mining Company
c/o [illegible] Douglas
Attorney at Law
[illegible] Bank Building
Helena, Montana

Re: Docket No. [illegible] (Chromite)
Lower Gallery Gulch
Jefferson County, Montana

Dear Mr. Listie:

Reference is made to your application for Government aid [illegible] project which is estimated to cost $10,000.

Projects approved for these minerals exploration administration, in the judgment, [illegible] number of yield [illegible] quantities that will [illegible] for the [illegible].

A careful study of your [illegible] available to this agency, and on the basis [illegible] property concerned [illegible] that the probability of [illegible] reserves by your proposed exploration [illegible] not believed to be sufficiently promising to justify Government participation. Under these circumstances, we regret [illegible] your application for exploration aid is denied.

If future work at your [illegible] reveals evidence which [illegible] materially alter this opinion, please be assured we will [illegible] consider a new application.

Sincerely yours,

C. O. Mittendorf

Administrator

Ellis/la
5-8-53
cc to: Gen. Corres File
Operating Committee
Docket
DMA Field Team, Region II (2)
Messrs. H. J. Keiser, Rm. 3641
A. [illegible] Butler, Rm. 3200 GSA
Ellis

J. C. 5/11/53

700

Hon. Mike Mansfield
United States Senate
Washington 25, D. C.

MAY 11 1953

Re: Docket No. DMEA-2981 (Amended)
Sanford M. Davis
Bonner Mercury Group
Jefferson County, Montana

Dear Senator Mansfield:

This will acknowledge receipt of your letter of May 4, with which you enclosed a copy of a letter from Mr. Sanford M. Davis, dated May 1, 1953.

The applicant and property have been thoroughly examined by Government engineers and geologists. As a result of these investigations it was decided that the property does not show sufficient promise as to justify Government participation. Accordingly, we were forced to deny the application and we are so informing Mr. Davis.

In our letter to you of April 23 we stated that we also had an application on this same property from another applicant. This application is filed under the name of Uranium Star Mining Company (Docket No. DMEA-2980) and is signed by Mr. J. T. Mattis as a general partner. This is the same Mr. Mattis as mentioned in Mr. Davis' letter to you dated May 1, 1953. In our letter to you of April 23, we stated that it would be necessary to investigate which applicant held the appropriate interest in the land before arriving at a decision on the two applications. However, this now becomes unnecessary since both applications are to be denied based on our investigations.

We are not returning Mr. Davis' letter since your office reports that you have a copy of said letter in your files.

Sincerely yours,

C. O. Mittendorf
Administrator

MEEllis/gla
cc to: Adm. Reading File
Docket DMEA-2981
DMEA-2980
Messrs. H. S. Keiser, Rm. 3041
A. F. Butler, Jr., Rm. 3206 GSA Bldg.
Ellis
DMEA Field Team, Region II (2)

2 c. 5/11/53

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

May 8, 1953

SUMMARY OF PROPOSED PROJECT

Docket No. DMEA-2980
Applicant: Uranium Star Mining Company
J. I. Listle, General Parner
c/o Leo J. Kottas, Attorney at Law
Helena, Montana

Subject: Denial of application

Commodity: Uranium
Location of property: Boulder Mercury Group, Jefferson County, Montana Region II
Amount of application: $10,000.00
Date of application: March 23, 1953

Outline of project: Applicant proposes to extend an existing adit for 300 feet to explore a chalcedonic vein that crops out at the surface. No information is given as to the uranium content of this vein nor of the distribution of uranium in the vein.

Field Team Report: See Field Team report of George Becraft, U. S. Geological Survey, dated April 6, 1953.

Recommendation: Denial.

Commodity Members' Comments:

Bureau of Mines: May 6, 1953, H. D.Keiser

Recommends this application, as well as application in DMEA-2981 (involving the same idential land) be denied.

Geological Survey: Arthur P.Butler, Jr., April 17, 1953.

Concurs in recommendation by the Field that this application be denied.

Rare & Misc. Metals Division: Ernest Wm. Ellis

Comment: None. Denial letter prepared on basis of above recommendations.

Ernest Wm. Ellis

Ernest Wm. Ellis

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

May 6, 1953

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member
Uranium Commodity Committee

Subject: Field Team Report, DMEA Docket No. 2980, Uranium Star Mining Co., and DMEA Docket 2981, Sanford R. Davis.

I have reviewed the subject report and applications and discussed them with Arthur P. Butler, Geological Survey Member, and Joseph O. Hosted, Representative of the Atomic Energy Commission.

It is recommended that the field team report be approved, and that the application for an exploration loan be denied.

H. D. Keiser

H. D. Keiser

Attachments

4/23/53 gla

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member
Uranium Commodity Committee

DATE: April 17, 1953

FROM : Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: DMEA Docket 2980 (Uranium), Uranium Star Mining Company, Applicant, c/o L. J. Kottas, Helena, Montana; Eight claims in Boulder and Mercury Groups.

APR 23 1953

The applicant proposes to extend an existing adit at a cost of $10,000 for 300 feet to explore a chalcedonic vein that crops out at the surface. No information is given as to the uranium content of this vein nor of the distribution of uranium in the vein.

On the basis of information available to the field team, as set forth in the memorandum of April 6 from G. E. Becraft to Field Team of Region III, denial of Government assistance for exploration is recommended. Inasmuch as all information pertinent to the application that might be obtained by an examination with specific reference to this examination already is available, further field referral appears unnecessary. I concur with the recommendation that the application be denied.

Arthur P. Butler, Jr.

Arthur P. Butler, Jr.

Copy to: E. Wm. Ellis (2)

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
APR 23 1953

E. Wm. Ellis, DMEA Member
Uranium Commodity Committee
Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

April 17, 1953

DMEA Docket 2980 (Uranium), Uranium Star Mining Company, Applicant, c/o L. J. Kottas, Helena, Montana; Eight claims in Boulder and Mercury Groups.

The applicant proposes to extend an existing adit at a cost of $10,000 for 300 feet to explore a chalcedonic vein that crops out at the surface. No information is given as to the uranium content of this vein nor of the distribution of uranium in the vein.

On the basis of information available to the field team, as set forth in the memorandum of April 6 from G. E. Becraft to Field Team of Region III, denial of Government assistance for exploration is recommended. Inasmuch as all information pertinent to the application that might be obtained by an examination with specific reference to this examination already is available, further field referral appears unnecessary. I concur with the recommendation that the application be denied.

Arthur P. Butler, Jr.

Copy to: E. Wm. Ellis (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

April 6, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Previous Docket DM-1176X - Declined
(Uranium)
Boulder Mercury Group
Jefferson County, Montana

Dear Mr. Selfridge:

Enclosed are three copies of an application submitted by the Uranium Star Mining Company on the Boulder Mercury Group, Jefferson County, Montana. One copy of the application has been retained at this office.

Also enclosed are four copies of a memorandum by Mr. George Becraft, U. S. Geological Survey, pointing out that recent exploration work by the Uranium Star Mining Company has failed to disclose any evidence suggesting that further work is warranted. Mr. Becraft recommends that the enclosed application be denied.

The Field Team concurs with Becraft and recommends denial of the application. No further consideration will be given this application unless requested by DMEA officials in Washington, D. C.

By DMEA Field Team, Region II

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: USBM (2)
Becraft

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

April 6, 1953

Memorandum

To: DMEA Field Team, Region II

From: George E. Becraft, Geologist, U. S. Geological Survey

Subject: Report on resubmitted application for DMEA loan, Boulder Mercury Group, Jefferson County, Montana, Previous Docket No. DMA-1176X - Declined - (Uranium).

An application for DMA assistance on the Boulder Mercury group was denied in 1951. Since then 300 feet of adit has been driven to intersect a large chalcedonic vein zone which crops out at the crest of a low ridge. Because this work has supplied no additional evidence to indicate the possibility of a uranium deposit, the situation on this group of claims is in no way different from when the original application was denied. Therefore, I recommend that this second application also be denied.

The writer has spent two field seasons mapping in the vicinity of the Boulder Mercury group of claims. As a part of this study the adit on the Boulder Mercury group was examined. It is situated in quartz monzonite which is slightly altered and cuts a few very small veinlets (less than one inch) of chalcedonic silica. No anomalous radioactivity was detected in the adit and no uranium minerals were recognized.

A few very weak radioactivity anomalies have been detected along chalcedonic vein zones exposed at the surface on this group of claims, but they are too weak to warrant exploration.

The increase in counts per minute on a scintillometer in the adit reported in the application can be duplicated in most mines in the area and certainly the applicant's judgment is not good when he states that "we.....have disclosed positive evidence of mineralization in sufficient amount, in our judgment, to warrant further development."

I support the original denial and strongly recommend that this second application be denied for the same reason: no evidence to indicate the possibility of a uranium ore body.

Distribution:
DMEA (Orig. & 3)
USBM (2)
Docket
Becraft

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

RECEIVED
MAR 25 1953
U. S. G. S.
SPOKANE, WASH.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2980
Metal or Mineral
Date Received 4-13-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: See attached sheet

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract See attached sheet

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise See attached sheet

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it See attached sheet

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—State the mineral or minerals for which you wish to explore .....

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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.

Dated March 23, 1953

Uranium Star Mining Co
(Applicant)

By J. J. Little

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

1. (a) Uranium Star Mining Company in care of Leo J. Hotten, Attorney at Law, Union Bank Bldg., Helena, Montana.

(b) Limited partnership organized and r laws of California.

(c) Does not apply.

(d) General partner- S. L. Linder, address in care of Leo J. Hotten, Attorney-at-law, Union Bank Bldg., Helena, Montana.

Limited Partners- Names and addresses appear in previous application D. L. No. 12762 to which reference is made.

2.

3. (a) 8 quartz lode claims located in the Boulder unorganized mining district, County of Jefferson, State of Montana, and particularly described as follows:

	Book	Page	Instrument No.
(a) Boulder Mercury	65	[illegible]	[illegible]
(b) Boulder Mercury No.2	65	371	50805
(c) Boulder Mercury No.3	65	369	50807
(d) Boulder Mercury No.4	65	368	50808
(e) Best Mercury No. 1			
(f) Best Mercury No. 2			
(g) Mercury Connection			
(h) Boulder Mercury No. 5			

(b) Boulder Mercury

(c) Lease with option to purchase

(d) For copy of lease and option see D.L.No.12762(previous application)

(e) Do not own land

(f) See (c)

4. (a) Tunnel 8' x 7' and 300 feet in length located 1½ miles of Boulder and readily accessible

(b) None

(c) See 2 geological reports submitted with D.L.No.12762 previous application together with maps. Since last application have driven tunnel 300 feet and it has disclosed a fair amount of increased radiation Rock count at Portal is 45 scintillometer reading
Count at face of tunnel is 150 " "

(d) 1½ miles from Boulder. Railroad crosses property. Power line into free enterprise about 1 mile from this property. For further details see previous application.

(e) Available at Boulder, Butte or Helena- Water and power available at Boulder.

5. (a) Uranium

(b) Tunnel extends 300 feet from center of Boulder Mercury No. 5 in a northerly direction purpose to cut outcropping vein in Boulder Mercury No.3 which vein strikes generally east and west about center of lock section 4 claim. Wish to drive tunnel additional 500 feet to cut vein and drift 50 feet each way on vein- See maps attached to D.L. application.

(c) Work will start within 45 days of availability of loan and work will be completed within 12 months.

(d) Self employed in geological oil development for 30 years.

6. (a) Will contract work at $35.00 per foot payable every 30 feet which costs including all incidentals and timbering if needed on driving said tunnel and drifts. total $10,000.00

(b) None at present.

(c) Included in contract (a)

(d) Included in contract (a)

(e) Included in contract (a)

(f) None

(g) Included in contract (a)

(h) None

7. (a) Yes.

(b) Put up money

KC

Mailed, April 23, 1953

Hon. Mike Mansfield
United States Senate
Washington 25, D. C.

re: Docket No. [illegible]-2980 (Uranium)
Sanford R. Avis
Boulder Mercury Group
Jefferson County, Montana

Dear Senator Mansfield:

This will acknowledge receipt of your letter of April 15, 1953, with which you enclosed a letter dated April 7, from Mr. Sanford R. Avis, together with a copy of his letter which accompanied the filing of an application with this agency.

For your information, Mr. Avis' application is dated April 7, 1953, and covers a proposed exploration project on the above-named property estimated to cost $12,500.00. The application was received by this agency on April 14, was docketed under the number shown above and acknowledgement of its receipt was forwarded to Mr. Avis on April 15.

Under the procedures established for the processing of such applications, it is necessary for the application to be reviewed by the respective commodity group members of the Geological Survey and the Bureau of Mines, before the merits of the application can be properly evaluated.

Simultaneously with receipt of Mr. Avis' application, which was filed directly with this office, we received, through our Regional Office in Spokane, an application submitted by another individual on the same property. It will, therefore, be necessary for us to investigate which applicant holds appropriate interest in the land involved in order to determine which application warrants consideration. DMEA-2980

We will advise you of the action taken with respect to Mr. Avis' application.

The enclosures forwarded with your letter are returned herewith, as you requested.

Sincerely yours,

Administrator

Enclosures 7

GlAult/Willis/eef
4/22/53
cc to: Adm. Read. Files
Docket
Messrs. Gottsirer, Rm.3641
GSA. APhutler, Rm.3206

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C. April 15, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 16 1953

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member
Uranium Commodity Committee

Subject: DMEA Docket No. 2980, Uranium Star Mining Co., c/o Leo J. Kottas, Union Bank Building, Helena, Montana.
DMEA Docket No. 2981, Sanford R. Davis, P. O. Box 69, Boulder, Montana.

Each of the two applications involved under the two subject dockets lists the same identical land.

It is suggested that action be taken to determine which applicant holds appropriate interest in the land to warrant consideration of his application.

Signed

H. D. Keiser

HDKeiser:db

Copy to: Rare and Precious Metals Branch
Minerals Division
H. D. Keiser
F i l e s

5/1/53 Mr. Keiser said he was withholding comments on F. I. recommendation of denial of this application until investigation is made to determine who has right to the property
glo.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

April 6, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

Re: Previous Docket DM-1176X - Declined
(Uranium)

Boulder Mercury Group
Jefferson County, Montana

Dear Mr. Selfridge:

Enclosed are three copies of an application submitted by the Uranium Star Mining Company on the Boulder Mercury Group, Jefferson County, Montana. One copy of the application has been retained at this office.

Also enclosed are four copies of a memorandum by Mr. George Becraft, U. S. Geological Survey, pointing out that recent exploration work by the Uranium Star Mining Company has failed to disclose any evidence suggesting that further work is warranted. Mr. Becraft recommends that the enclosed application be denied.

The Field Team concurs with Becraft and recommends denial of the application. No further consideration will be given this application unless requested by DMEA officials in Washington, D. C.

By DMEA Field Team, Region II

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: USBM (2)
Becraft

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
~~XXXXXXXXXXXXXXXX~~
No. 157 Howard Street
Spokane 4, Washington

April 6, 1953

Memorandum

To: DMEA Field Team, Region II

From: George E. Becraft, Geologist, U. S. Geological Survey

Subject: Report on resubmitted application for DMEA loan, Boulder Mercury Group, Jefferson County, Montana. Previous Docket No. DMA-1176X - Declined - (Uranium).

An application for DMEA assistance on the Boulder Mercury group was denied in 1951. Since then 300 feet of adit has been driven to intersect a large chalcedonic vein zone which crops out at the crest of a low ridge. Because this work has supplied no additional evidence to indicate the possibility of a uranium deposit, the situation on this group of claims is in no way different from when the original application was denied. Therefore, I recommend that this second application also be denied.

The writer has spent two field seasons mapping in the vicinity of the Boulder Mercury group of claims. As a part of this study the adit on the Boulder Mercury group was examined. It is situated in quartz monzonite which is slightly altered and cuts a few very small veinlets (less than one inch) of chalcedonic silica. No anomalous radioactivity was detected in the adit and no uranium minerals were recognized.

A few very weak radioactivity anomalies have been detected along chalcedonic vein zones exposed at the surface on this group of claims, but they are too weak to warrant exploration.

The increase in counts per minute on a scintillometer in the adit reported in the application can be duplicated in most mines in the area and certainly the applicant's judgment is not good when he states that "we.....have disclosed positive evidence of mineralization in sufficient amount, in our judgment, to warrant further development."

I support the original denial and strongly recommend that this second application be denied for the same reason: no evidence to indicate the possibility of a uranium ore body.

Distribution:
DMEA (Orig. & 3)✓
USGM (2)
Docket
Becraft

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

Form Approved.
Budget Bureau No. 42-R1035.2.

RECEIVED
MAR 25 1953
U. S. G. S.
SPOKANE, WASH.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2980
Metal or Mineral
Date Received 4-13-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

See attached sheet

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

See attached sheet

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise

See attached sheet

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it

See attached sheet

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore .....

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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.

Dated March 23, 1953

Uranium Star Mining Co
(Applicant)

By J. Castle

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

1. (a) Uranium Star Mining Company in care of Leo J. Rotten, Attorney at Law, Union Bank Bldg., Helena, Montana.

(b) Limited partnership organized und r laws of California.

(c) Does not apply.

(d) General Partner- J. I. Little, address in care of Leo J. Rotten, Attorney-at-law, Union Bank Bldg., Helena, Montana.

Limited Partners- Names and addresses appear in previous application D. M. A.- 1170X to which reference is made.

2.

3. (a) 8 quarts lode claims located in the Boulder unorganized mining district, County of Jefferson, State of Montana, and particularly described as follows:

	Book	Page	Instrument No.
(1) Boulder Mercury	45	353	56307
(2) Boulder Mercury No.2	45	351	56296
(3) Boulder Mercury No.3	45	352	56297
(4) Boulder Mercury No.4	45	593	56034
(5) East Mercury No. 1			
(6) East Mercury No. 2			
(7) Mercury Connection			
(8) Boulder Mercury No. 6			

(b) Boulder Mercury

(c) Lessee with option to purchase

(d) For copy of lease and option see D.M.A.1170X(previous application)

(e) Do not own land

(f) See (e)

4. (a) Tunnel 5' x 7' and 300 feet in length located 1½ miles of Boulder and readily accessible

(b) None

(c) See 2 geological reports submitted with D.M.A.1170X previous application together with maps. Since last application have driven tunnel 330 feet and it now discloses a fair amount of increased radiation Back count at Portal is 45 Scintillometer reading
Count at face of tunnel is 150 " "

(d) 1½ miles from Boulder. Railroad crosses property. Power line into Free enterprise about 1 mile from this property. For further details see previous application.

(e) Available at Boulder, Butte or Helena- Water and power available at Boulder.

5. (a) Uranium

(b) Tunnel extends 300 feet from center of Boulder Mercury No. 6 in a northerly direction purpose to cut outcropping vein in Boulder Mercury No.3 which vein strikes generally east and west about center of last mentioned claim. Wish to drive tunnel additional 300 feet to cut vein and drift 50 feet each way on vein- See maps attached to last application.

(c) Work will start within 45 days of availability of loan and work will be completed within 12 months.

(d) Self employed in geological oil development for 25 years.

6. (a) Will contract work at $25.00 per foot payable every 50 foot which costs includes all incidentals and timbering if needed on driving adit tunnel and drifts. total $10,000.00

(b) None at present.

(c) Included in contract (a)

(d) Included in contract (a)

(e) Included in contract (a)

(f) None

(g) Included in contract (a)

(h) None

7. (a) Yes.

(b) Put up money

April 14, 1953

Uranium Star Mining Company
c/o Mr. Leo J. Kottas
Attorney at Law
Union Bank Building
Helena, Montana

DMEA-2980
Subject: Exploration Assistance
Re: Boulder Mercury

My dear Mr. Kottas:

The receipt of your application dated March 23, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2980 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2980 in any future correspondence relating to your application.

Sincerely yours,
ROBERT E. ADAMS

Robert E. Adams, Chief
Operations Control and
Statistics Division

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

April 14, 1953

Memorandum

To: Executive Officer, DMEA Field Team, Region II

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region II

DMEA-2980 **Uranium Star Mining Company**

ROBERT E. ADAMS

Robert E. Adams,
Chief, Operation's Control
and Statistics Division

38226

dmea 2980

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

April 6, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

Re: Previous Docket DMA-1176X - Declined
(Uranium)
Boulder Mercury Group
Jefferson County, Montana

Dear Mr. Selfridge:

Enclosed are three copies of an application submitted by the Uranium Star Mining Company on the Boulder Mercury Group, Jefferson County, Montana. One copy of the application has been retained at this office.

Also enclosed are four copies of a memorandum by Mr. George Becraft, U. S. Geological Survey, pointing out that recent exploration work by the Uranium Star Mining Company has failed to disclose any evidence suggesting that further work is warranted. Mr. Becraft recommends that the enclosed application be denied.

The Field Team concurs with Becraft and recommends denial of the application. No further consideration will be given this application unless requested by DMEA officials in Washington, D. C.

By DMEA Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: USBM (2)
Becraft

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

April 6, 1953

Memorandum

To: DMEA Field Team, Region II

From: George E. Becraft, Geologist, U. S. Geological Survey

Subject: Report on resubmitted application for DMEA loan, Boulder Mercury Group, Jefferson County, Montana, Previous Docket No. DMA-1176X - Declined - (Uranium).

An application for DMA assistance on the Boulder Mercury group was denied in 1951. Since then 300 feet of adit has been driven to intersect a large chalcedonic vein zone which crops out at the crest of a low ridge. Because this work has supplied no additional evidence to indicate the possibility of a uranium deposit, the situation on this group of claims is in no way different from when the original application was denied. Therefore, I recommend that this second application also be denied.

The writer has spent two field seasons mapping in the vicinity of the Boulder Mercury group of claims. As a part of this study the adit on the Boulder Mercury group was examined. It is situated in quartz monzonite which is slightly altered and cuts a few very small veinlets (less than one inch) of chalcedonic silica. No anomalous radioactivity was detected in the adit and no uranium minerals were recognized.

A few very weak radioactivity anomalies have been detected along chalcedonic vein zones exposed at the surface on this group of claims, but they are too weak to warrant exploration.

The increase in counts per minute on a scintillometer in the adit reported in the application can be duplicated in most mines in the area and certainly the applicant's judgment is not good when he states that "we.....have disclosed positive evidence of mineralization in sufficient amount, in our judgment, to warrant further development."

I support the original denial and strongly recommend that this second application be denied for the same reason: no evidence to indicate the possibility of a uranium ore body.

Distribution:
DMEA (Orig. & 3)
USBM (2)
Docket
Becraft

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

April 6, 1953

Memorandum

To: DMEA Field Team, Region II

From: George E. Becraft, Geologist, U. S. Geological Survey

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Distribution:
DMEA (Orig. & 3)
USBM (2)
Docket
Becraft

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

RECEIVED
MAR 25 1953
U. S. G. S.
SPOKANE, WASH.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2980
Metal or Mineral
Date Received 4-13-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: See attached sheet

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

See attached sheet

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise

See attached sheet

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it

See attached sheet

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

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(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—State the mineral or minerals for which you wish to explore .....

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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.

Dated March 23, 1953

Uranium Star Mining Co.
(Applicant)

By J. J. Lustel

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

1. (a) Uranium Star Mining Company in care of Leo J. Kottas, Attorney at Law, Union Bank Bldg., Helena, Montana.

(b) Limited partnership organized under laws of California.

(c) Does not apply.

(d) General Partner- J. I. Listle, address in care of Leo J. Kottas, Attorney-at-law, Union Bank Bldg., Helena, Montana.

Limited Partners- Names and addresses appear in previous application D. M. A.- 1176X to which reference is made.

2.

3. (a) 8 quartz lode claims located in the Boulder unorganized mining district, County of Jefferson, State of Montana, and particularly described as follows:

	Book	Page	Instrument No.
(1) Boulder Mercury	45	353	55067
(2) Boulder Mercury No.2	45	391	56286
(3) Boulder Mercury No.3	45	392	56287
(4) Boulder Mercury No.4	45	393	58034
(5) East Mercury No. 1			
(6) East Mercury No. 2			
(7) Mercury Connection			
(8) Boulder Mercury No. 5			

(b) Boulder Mercury

(c) Lessee with option to purchase

(d) For copy of lease and option see D.M.A.1176X(previous application)

(e) Do not own land

(f) See (a)

4. (a) Tunnel 5' x 7' and 300 feet in length located 1½ miles of Boulder and readily accessible

(b) None

(c) See 2 geological reports submitted with D.M.A.1176X previous application together with maps. Since 1st application have driven tunnel 300 feet and it now discloses a fair amount of increased radiation
Back count at Portal is 45 scintillometer reading
Count at face of tunnel is 150 " "

(d) 1½ miles from Boulder. Railroad crosses property. Power line into Free enterprise about 1 mile from this property. For further details see previous application.

(e) Available at Boulder, Butte or Helena- Water and power available at Boulder.

5. (a) Uranium

(b) Tunnel extends 300 feet from center of Boulder Mercury No. 5 in a northerly direction purpose to cut outcropping vein in Boulder Mercury No.3 which vein strikes generally east and west about center of last mentioned claim. Wish to drive tunnel additional 300 feet to cut vein and drift 50 feet each way on vein- See maps attached to 1st application.

(c) Work will start within 45 days of availability of loan and work will be completed within 12 months.

(d) Self employed in geological oil development for 20 years.

6. (a) Will contract work at $25.00 per foot payable every 50 feet which costs includes all incidentals and timbering if needed on driving said tunnel and drifts. total $10,000.00

(b) None at present.

(c) Included in contract (a)

(d) Included in contract (a)

(e) Included in contract (a)

(f) None

(g) Included in contract (a)

(h) None

7. (a) Yes.

(b) Put up money