DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 4916

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- [ ] Withdrawn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:

50 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

- [X] Project summary (final)
- [ ] Work Comoleted analysis (final)

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

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

Additional Folders:

Left Side

Folders No._____: Reports

- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

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

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

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

17963

AL FILE COPY
DMEA
RECEIVED JAN 13 1958
DATE | INITIALS | CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
224 New Customhouse
Denver 2, Colorado

January 9, 1958

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for Aid in an Exploration Project Submitted by John M. Calderwood

Attached are the original and two signed copies of Form MF-103, Application for Aid in an Exploration Project. We have retained one copy of the application for our files.

These forms were submitted by John M. Calderwood, 825 S. 10th East Street, Salt Lake City 2, Utah. Also enclosed are the original and two photo copies of Mr. Calderwood's letter of January 7, 1958. The only map submitted by the Applicant is enclosed.

This office has had considerable correspondence with Mr. Calderwood regarding his application. Copies of the following material are enclosed for your information.

1. Letter from Mr. Calderwood, dated August 16, 1957.
2. Our reply, dated August 20, 1957.
3. Letter from Mr. Calderwood, dated November 1, 1957.
4. Our reply, dated November 5, 1957.
5. Letter from Mr. Calderwood, dated December 18, 1957.
6. Map attached to letter of December 18.
7. Our reply, dated December 19, 1957.

A review of this material will illustrate the attempts made by this office to give Mr. Calderwood the information regarding the requirements for preparation of a DMEA application. His letter of January 7, 1958, enclosing signed Forms MF-103 and his map, indicates that we have been unable to convey the proper information. Since the Forms MF-103 are signed, we now believe it necessary to consider this an application for aid.

W H King
W. H. King

Attachments

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 13 1958

DATE | NOTE | DISPOSITION

DMEA
DEPARTMENT OF THE INTERIOR
JAN 8 - 1958
REGION III
DENVER, COLORADO

825 SO.10th East St.,
Salt Lake City 2,Utah,
January 7,1958.

U.S.Department of the Interior,
Defense Minerals Exploration Dept.,
224 New Customhouse,
Denver 2,Colo.

Gentlemen:-

Herewith find my Application for the loan of $15,000.00 and a map of my claims. I might mention here that I once had 37 claims purchased and located. After performing the assessment work for three years for all of these claims,I was advised that several of them (20) were on WITHDRAWN TERRITORY. I aplealed to the AEC for a release of these 20 claims so they would all be contiguous,but they acted unfavorably on my petetion. I and one other together have spent over $22,000 on and for these claims which has left us both broke. That is why I am so earnestly applying to your Honorable body to grant me this loan;for should I fail of securing it,I am decidedly in line for losing all of my claims and the money spent thus far for and on the same. But with this loan assistance,from all the reports and the geological formations,the visible veins and beds of ore on some of these claims, it does appear that I have the making of a number of valuable U308 mines;and with this loan I will have the opportunity of making this preliminary exploration ,both drilling and tunnel work,with perhaps some dozer or cat work on some of the claims.

I now have two bids in by two very competent drillers.and the third will be sent in within a few days,one of whom stated yesterday that he has the Asian Flu,and will not get his bid in until he is able to be around and make up his mind just what to bid. (He has examined all the Thompson and Yellow cat Area claims,but not those in Emery County.

Trusting,then,in your favorable action in my behalf,I remain,

Most cordially yours,

J.M.Calderwood

J.M.Calderwood.

P.S. Please note that in all of my heretofore dealings,I have signed my name as above;but in one of your forms it says for me to sign my "full" name. For that reason I fixed my full name to the Application and on the enclosed Map. I prefer as above signed if it makes no difference to you.

Form MF-108
Revised Feb. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)	APPLICANT NOT TO USE THIS BLOCK
DMEA DEPARTMENT OF THE INTERIOR JAN 8 - 1958 REGION III DENVER, COLORADO	Docket Number: DMEA-4916
John M. Calderwood	Date Received: 1/13/58
825 So. 10th East St.,	Government Participation %
Salt Lake City 2, Utah.	Region: III
	Division Code: 700

BUSINESS ORGANIZATION (Check one)	LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE		
	Name	Address	Title
Individual [X]			
Corporation [ ]			
Partnership [ ]			
Other (Specify) [ ]			
State in which firm is organized			

Mineral(s) for which you wish to explore	LOCATION OF PROPERTY
Uranium, ~~Vanadium and Thorium~~.	Name Thompson Area County Grand State Utah Green River Area, Emery County, Utah Yellow Cat Area, Grand County, Utah
Estimated Cost of Project $ 15,000.00	

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order-I, Amended, "Government Aid in Defense Exploration Projects." 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 four 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 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. 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 2(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 Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA 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.

January 2, 1958.
Dated

John M. Calderwood
BY (Signature)

Owner of 11 claims and 8 by Power of Attorney.
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. *Applicant's Property Rights:*

(a) 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 land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *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 lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as 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 on the property giving quantities and grades and sampling methods used, supporting 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 may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the 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 *property boundaries* or to the closest identifiable corner.

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

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, 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. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. 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 operating equipment to be used giving specifications and indicating how each item is to be acquired — i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *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 on the exploration project.

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

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(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 — 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)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order-I, Amended.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUR.-SEC., WASH., D.C. 15539

224 New Customhouse
Denver 2, Colorado

December 19, 1957

Mr. J. M. Calderwood
825 S. 10th E. Street
Salt Lake City 2, Utah

Dear Mr. Calderwood:

This will acknowledge your letter of December 18, 1957, regarding the possibility of obtaining a loan of $15,000 for the purchase of equipment and development of your claims south of Thompson, Utah.

On August 20, Mr. Townsend forwarded the necessary application blanks and information concerning the Defense Minerals Exploration Administration program. He suggested that in case you wished aid in the exploration work that you complete in detail the forms that were enclosed.

It is noted that on November 1 you mailed a considerable amount of information regarding your claims to this office. This material was returned to you with our letter of November 5 which was sent as certified mail. It is also noted that additional forms MF-103, Application for Aid in the exploration project were sent you at the same time. Detailed information concerning the completion of these forms was included in this letter.

You will note that the Defense Minerals Exploration Administration does not advance cash to be used by the Applicant for purchase of machinery, equipment or the employment of men. A definite exploration program must be presented so that our engineers will be able to appraise its possibilities. The sketch map attached to your letter does not indicate more than one drill hole in each claim. Apparently you do not now have valid title to some of the claims listed; for instance, you indicate that there may be a question regarding the ownership of the High King, Grayline, and Grayline 2 claims in Section 31, T. 22 S., R. 21 E.

We suggest that you assemble all information and forms that have been forwarded to you by this office and that you obtain the services of a qualified mining engineer to assist you in their completion. The Defense Minerals Exploration Administration is prohibited by law from examining your property until the application has been received in the Washington Office and given a docket number.

We trust that this information will be of assistance to you in deciding on the program of exploration that will comply with our requirements.

Very truly yours,

Original signed by
W. H. KING

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

[illegible]
Salt Lake City, Utah
December 18,1957.

Defiance Mineral Exploration Administration,
224 New Customhouse,
Denver 2, Colorado.

Gentlemen:-

Since receiving your last correspondence,by Mr.E.J.Hartman,last Nov.5th, I have called out all necessary data to our Drillers of different localities in Utah. Three of those bidders have telephoned me of their intention to send in their bids,and one only has sent in his bid to date.

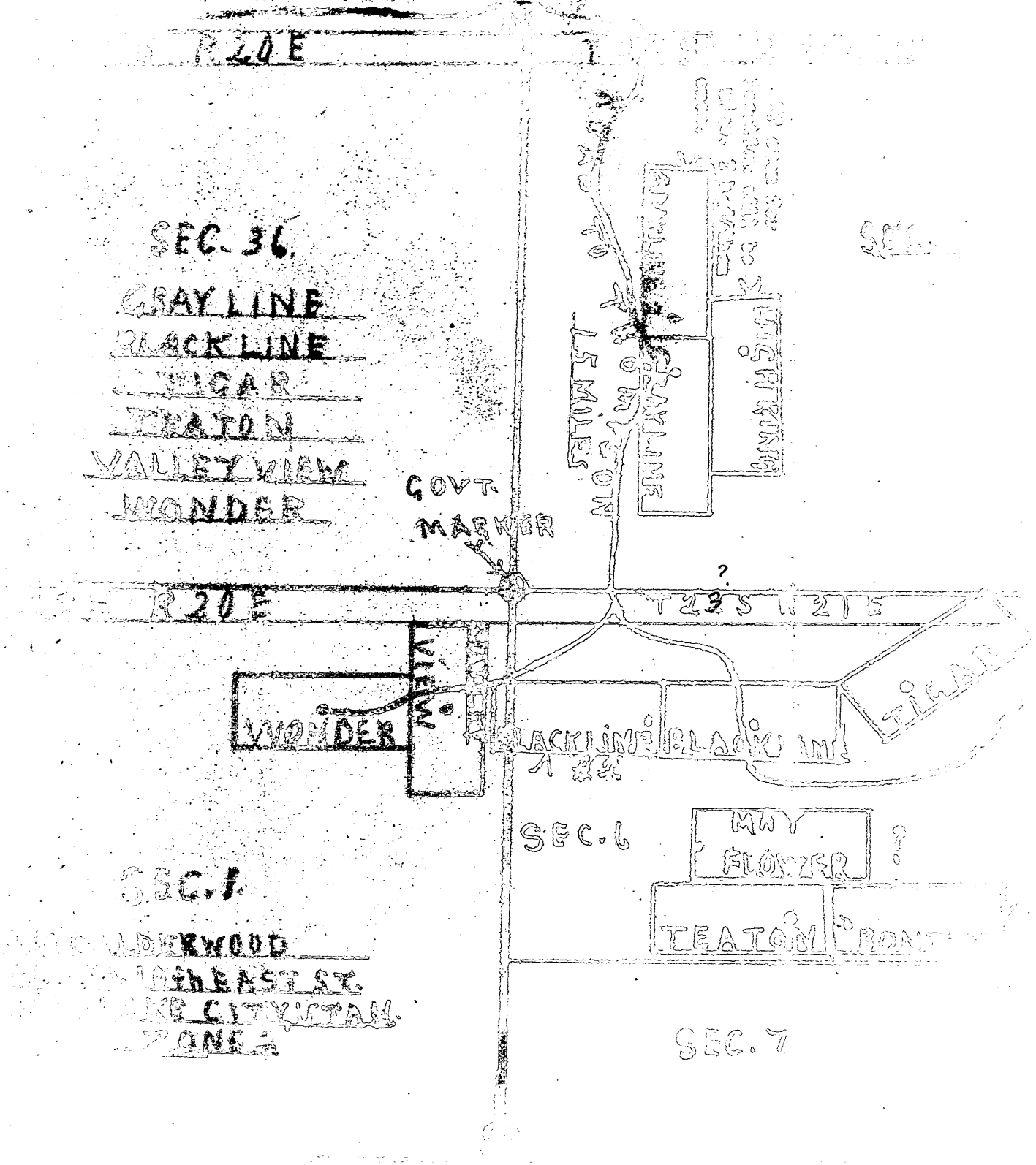
One of those to them I called for his bid,replied on December 16,that he will not be able to make me a bid to drill the nephelite said that he has three rigs available for drilling and is willing to sell me one of them mounted on a Ford truck and will include 500 feet of pipe for $4,500 - the truck,the drilling apparatus and the pipe for the total of sold $4,500.00. He is a widely experienced driller and his judgment should count for something,and he says that with this outfit he offers me I could hire one good driller and helpmate and save quite a considerable amount of money above that I would have to pay to any drilling bidder. By judging from the one bid received and after talking to a number of my drilling friends,I am quite sure too that we could save a good size sum by purchasing the above offered outfit. Workmen are numerous just now who are expert at mining in all sorts of departments. Of course then I would pay to contract the drilling or the mining that I would do as I always have done. With this outfit and the use of my compressor and jackhammer for the mineral,I would need no more machinery of any kind except Flapjack bits. I would need a light truck and one man to to deliver water and all other supplies to both operations. I could have the mineral [illegible] on the Sheeps vein in the Valley View claim,and the drillers on the same claim on the 16-20' bed that shows uranium and vanadium at the surface only about 75 feet from where my mineral will be working on the Sheeps vein.

My next operation for drillers would be on the [illegible] claim a vein just [illegible] the 40-50 trench to dig in which we found along the north wall some fine [illegible] of lead values practically all along that trench. My next drilling would be on the [illegible] Blue claim near the monument,and next on the Tiger claim on the [illegible] drilling on the Yellow Cat area of the Gill later as there I have [illegible] 150 or [illegible] deeply plan to be got one operator [illegible] the surface. I would leave my Rocky Corner claims till only [illegible] such a move would be best,but I will do the job there if it appears best out [illegible] I would of course get all assessment work completed before July [illegible] all claims.

Gentlemen,that is my outlines,do you like it? And if it suits you [illegible] the $12,000.00 loan right away,I will get busy [illegible] the mentioned specific mineral. As I stated in a former [illegible] here in a proper manner and sent to all other [illegible] Property,Bond,Surety,and Insurance requirement [illegible] with my other departments of mining.

[illegible]

[illegible]


R 20 E
SEC. 36.
GRAYLINE
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VALLEYVIEW
WONDER
GOVT. MARKER
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FLOWER
TEATON
SEC. 1
ROCKWOOD
EAST ST.
SEC. 7

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224 New Customhouse
Denver 2, Colorado

CERTIFIED MAIL

November 5, 1957

Mr. J. M. Calderwood
825 S. 10th E. Street
Salt Lake City 2, Utah

Dear Mr. Calderwood:

Enclosed is all material submitted by your letter of November 1, 1957, which was intended to make application for a DMEA loan.

Before we can accept the material you submitted as an application, it must be supported by an original and three completed signed copies of Form MF-103, APPLICATION FOR AID IN AN EXPLORATION PROJECT. For this purpose, we are enclosing five copies of the form; the extra copy is for your files.

You may wish to consider the following comments before submitting your application:

1. The estimated costs for exploring each of the three areas of interest should be given in detail.

2. Where drilling is proposed, you should support the estimated cost per foot of drilling by a bid from each of three indpendent drilling contractors.

3. A sketch showing the location of the areas to each other is desirable.

4. We note that you have a claim map for each of the areas. We suggest that you submit a map of each area, which shows the location of the proposed work with respect to the property boundaries.

No wonder Applicant submitted only 1 copy of the map!!!

5. Although you have a POWER OF ATTORNEY to indicate your authority to act with regard to exploration on the lands of interest, it may become necessary for you to have executed a POWER OF ATTORNEY which relates specifically to the DMEA application.

If you have any further questions regarding your application, please feel free to write us.

Very truly yours,

Original [illegible]
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

Enclosures

MHM:jy

cc: Subject
Chron.

DMEA
DEPARTMENT OF THE INTERIOR
NOV 4 - 1957
REGION III
DENVER, COLORADO

Mr. J. W. Townsend,
DMEA Director,
224 New Customhouse,
Denver Colorado.

Dear Mr. Townsend:-

By this mail I am sending my report and application for a $15,000 loan as compiled by your requirements, as I understand them. I hope they will suffice.

The delay has been largely due to the difficulty I have had to contact engineers and geologists who have examined my uranium claims. The report of Mr. Paul Moody, now of California, furnishes a fairly good estimate of the merits of the Thompson group of 6 claims, especilly in regard to the entire basin in which my claims are located. I enclose his report or comments thereon.

I also enclose some Bureau of Mines reports that will give light also on some claims which Mr. Moody lightly refers to. I regret very much that I have not been able to locate other assays and sacks of ore also tested by the Bureau of Mines and by local assayers. I also had one very fine assay made by an assayer at Moab, Utah. I have all of these somewhere in the mix-up of my many bundles of letters and reports on hand.

In my application for the loan, I mention that I had an engineer who knows U308 and ores in general very well, test about 2 dozen samples my son had sent me from my Emery County claims. His nucleometer registered several of these samples as containing from 0% to several up to 0.25% with some higher and some lower.

I enclose one of my own reports in which I quote a couple of lines at the conclusion of a report by Mr. Jensen of the University of Utah, instructor of geology in the U of U who examined my Yellow Cat area claims and my Thompson claims. Also an extensive report on the entire circumference of that great area in Southeastern and Southwestern zones of Utah and Colorado. The letter on page 1 and the map on Page 2, and the last two paragraphs on the bottom of page 3 will be enlightening as regards to the Thompson area.

I hope, Mr. Townsend, that you will find sufficient evidence in my application and these reports to justify the loan I so greatly and urgently need.

A graduate engineer and lacking 6 hours of geology at the U. of U, called at my place to day. He has examined my Yeolow Cat area claims and my Thompson claims. He has his own invention of an A-1 diamond drill and is well-equipped with all shallow drilling. He said to me that if and in the event that I secure this loan and can wait till next spring to do my drilling, he will be glad to do my core drilling on the basis that I furnish the diamond bits, gas, oil and water and bring him in with us on an interest in the net proceeds from ores to be produced from these claims, to which I agreed.

I think it would be difficult to find a better bargain, don't you?

He has tested his drill out in Idaho and on his own uranium claims in Utah and knows how to secure fast footage with his own tempered bits for work where and before core drilling is not necessary. He will furnish all drill steel and his tempered bits. Meantime we will proceed at once with operation as mentioned in my aplication on the Thompson and the Emery County claims.

Thanking you very kindly for any favors you will grant me, I subscribe myself as

Your faithful and obedient servant,

J. M. Calderwood

J. M. Calderwood.

Encl.

CENTRAL FILE COPY
DMEA
RECEIVED

224 New Customhouse
Denver 2, Colorado

August 20, 1957

Mr. J. M. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Dear Mr. Calderwood:

This will acknowledge receipt of your letter, dated August 16, 1957, requesting financial aid in development of your uranium claims in the Thompson area.

Enclosed for your information are five copies of Form MF-103, "Application For Aid In An Exploration Project," DMEA Order-1 Amended with attached amendments, and a booklet of "Questions and Answers" on the DMEA program.

Item 1.(c) of the application form requests that you submit one exact copy of the lease or other document by which you control the property. We suggest that your application be accompanied by four copies of such a document, which in turn may expedite the processing of your application.

If you are interested in DMEA aid in the exploration of your claims, please complete in detail four copies of the enclosed Form MF-103 and submit them to this office.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive Officer
DMEA Field Team, Region III

Enclosures

HMC:jy

cc: Subject
Thompson.

AUG 19 1957
REGION III
DENVER, COLORADO

[illegible] 104th East St.,
Salt Lake City 2, Utah,
August 16, 1957.

16

Defense Minerals Exploration Administration,
224 New Customhouse Building,
Denver 2, Colorado.

Attention Mr. W. H. King.

Dear Mr. King:-

On August 6, 1957, I wrote to the Atomic Energy Commission of Denver for a loan, a copy of which I herewith enclose as directed by Mr. H. S. Stafford of that Commission:-

Gentlemen:

I hereby apply for a loan of about $15,000 to drill 7 claims, develop 6 claims with fairly good uranium ore discovered about a month ago and also just last week on one of these claims, located in Grand County, Utah and about 16 miles southerly from Thompson, Utah.

These six claims are located at and near the common corner of Sec. 36, T 22 S.R. 20 E., Sec. 1, T. 23 SO. R. 20 E; Sec. 31, T 22 SO. R. 21 E; Sec. 6, T. 23 SO. R. 21 E. All in the Thompson or Little Valley Mining District.

I also have 7 claims in the Thompson Area, T 22 SO. R 22 E, Secs. 17-18. These claims are about 3 miles airways north of the famous Yellow Cat Mine, and 18 miles southerly from Thompson, Utah, in Grand County. There is a 5-foot fissure vein outcropping on two of these claims, in a sort of conglomerate formation containing considerable carbon, but only in the deep wash where the vein is exposed do we find more than a trace (0.01%) uranium. The Salt Wash formation is estimated to be 300 feet under the three-layer overburden formations This is where we need the drilling to a depth of from 350-400 feet in order to prove what values (if any) have been deposited there. I have had four capable engeneers and geologists examine these claims, all of whom have stated that "no man knows what values might be in that 240-foot Salt Wash formation until it is drilled; also that no one knows where any channel might have been some 1,000,000 years ago". One geologist and engineer said that in his opinion we should have several wide strips of good commercial ore and a number of strips with lesser values. One very fine geologist said that if the Salt Wash contained a channel where U308 was deposited, it should be found within the first 100 feet of the Salt Wash formation, with receeding values through the remaining 140 feet with only small amounts in the last stretch. He said he has seen such findings elsewhere.

I have six claims in Emery County, Utah, about 15 miles southerly from Green River City. These claims are located in T.22 S.R.14 E.Sec.12. in the certral part of the section. The surface is all in the Salt Wash formation, with the Summerville bedding. There is a 3-ft vein or bed carrying U308 that will avarage about 0.01%. It is calculated by high class geologists that this bed is superficial, and that I would find the real deposit of uranium on the contact of the Salt Wash and the Summerville formations. That is of course yet to be proven by drilling to a depth of about 150 feet. Others have said that by drifting farther under cover, this 3-foot bed should increase materially in U308 content. It shows high leaching on the surface ore. At one outcropping on one of these claims, I have an open pit that will and does carry about 0.20-25% uranium, by giegar counter test.

And that, Gentlemen, will give you a birds eyeview of my claims. One engineer took samples across a 50-foot strip which gave an average of better than 0.20% U308 at the surface. Another geologist of good repute stated to his dad that he had found a vein or bed carrying very promising U308, and if he could have a "CAT" for only three days he would uncover a deposit "of very very fine commercial U308 ore". He did not say on which claim he made that find. I will endeavor to get it later; he is now employed by a large California firm in California.

By purchase of a number of these claims in each group, with machinery, tools and labor for the past five years, I have spent over $22,000 to date. With these recent showings at the surface, if you will let me have this soughtfor loan, I will have men at work within ten days and uncover the ore thus far exposed at the surface. It should be good commercial ore in three or more places without too much expenditure.

Sincerely yours,

J.M. Calderwood.

And that, Mr King, is my report and request made to the A.E.C.

I trust that you will be able to assist me in the making of these mines. I will be glad to make report to you every few weeks as to progress and showings made, if you will only furnish me the needed capital to do it with. I take no salary and [illegible] the going wage [illegible] two weeks.

Best regards to you,

J.M. Calderwood.

Government Messenger Envelope

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2. Void previous block.
3. Write clearly.

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Use RUN and STOP only when messenger service between Government buildings in Washington is required.
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Docket

Murphey
Ellis

April 24, 1958

Summary of Proposed Project

Subject: Denial of application for exploration aid.

Docket No.: DMEA-4916

Commodity: Uranium

Amount of Application: $15,000.00

Applicant: John M. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Property Rights: Owner of -

(1) Emery group - Green River area claims: Tunnel No. 1, South Ledge, Flat Rock, and Tunnel Annex Nos. 1, 2, 3, situate in sec. 12, T. 23 S., R. 14 E., Emery County, Utah;

(2) Thompson area claims: Bonnie, Lost Plain, Big Rock, Big Rock No. 2, and Con Glom Nos. 1, 2, 3, situate in sec. 1, T. 23 S., R. 20 E., and in secs. 5 and 6, T. 23 S., R. 21 E., Grand County, Utah; and

(3) Yellow Cat area claims: Gray Line, Black Line, Tigar, Teaton, Wonder, Valley View (White Top), situate in secs. 17-18, T. 22 S., R. 22 E., Grand County, Utah

Date of Application: January 2, 1958 (incomplete)

Referred to Region III: Feb. 12, 1958, for possible field examination.

Field Examination made: March 4, 1958

Field Team Report received: April 18, 1958

Work Proposed:

Core drilling from surface and drifting, at an estimated cost of $15,000. The exact locations of the work were not given except for the name of the claims.

Excerpts from Field Team's Report:

Claims of the Emery group cover sandstone of the upper part of the Salt Wash member of the Morrison formation. A thin, limonite-stained and slightly radioactive bed of clayey sandstone is exposed along a strike length of 15 feet on Tunnel No. 1 claim.

Approximately 2 tons of material ~~has~~ have been mined from this bed, but have not been shipped and is probably not of ore grade. There is no known ore on the claim group. The outcropping Salt Wash sandstones appear unfavorable for uranium mineralization.

The Thompson area claims are not contiguous. The upper part of the Salt Wash forms the bedrock on five of the claims; Brushy Basin shale is the bedrock on the other claim.

The general area of these claims is on the northeast limb of the Salt Valley anticline, near its northwest end. The strata strike westerly and dip about 10° northerly. Several small radioactive anomalies occur associated with carbonized wood fragments in the Salt Wash sandstone. These anomalies are small and widely scattered, hence, no geologic trend in their occurrence could be used to plan an exploration program.

In the Yellow Cat area, Dakota sandstone and Mancos shale are exposed on the claims. The examiners could not detect any anomalous radioactivity in the area. There are no known ore deposits on the claims nor in the immediate vicinity. Government drilling in the Yellow Cat district showed a progressively more unfavorable environment for ore toward the west.

Because of the lack of exploration targets and the general unfavorable appearance of the Salt Wash on all the groups, the examiners and Field Team recommend the application be denied.

Commodity Members' Comments:

In memoranda, dated April 22, 1958, T. H. Kiilsgaard, USGS, and James Paone, USBM, concur in the Field Team's recommendation that the application be denied.

Division of Rare and Misc. Metals, F. M. Murphy, April 24, 1958:

The subject application covers the same scattered groups of claims as the Applicant listed in his previous application DMEA-2703, which was denied January 29, 1953. Evidently no work has been done on the claims in the intervening years.

Conclusions and Recommendations:

This Division agrees with the findings of the field examiners, and concurs in the Field Team's recommendation that application DMEA-4916, should be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Director
Division of Rare and
Miscellaneous Metals

4916

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 23 1959

DATE	INITIALS	CODE
1/23	C	320
		120
		225

RM:CWT

January 21, 1959

Mr. J. H. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Dear Mr. Calderwood:

Your letter of December 22, 1958, addressed to Mr. W. H. King, Executive Officer, Office of Minerals Exploration, Denver, Colorado, has been referred to me for reply. It is understood that you own certain mining claims located in Grand and Emery Counties Utah which you are interested in working but have been informed that the Government is no longer purchasing uranium ore.

The Commission has placed limitations on additional uranium concentrate procurement in order to keep its annual uranium purchases in reasonable balance with requirements. However, AEC has not rescinded its commitment to purchase certain uranium ores as provided in Domestic Uranium Program Circular 5, Revised, a copy of which is enclosed. You may note that this circular expires March 31, 1962 and that uranium ore may be sold to AEC pursuant to its provisions at Monticello, Utah.

It is suggested that you communicate with our Grand Junction Operations Office, Grand Junction, Colorado, to determine whether ore produced from your claims would meet the requirements of Circular 5, Revised or could be marketed within the limitations of other programs publicly announced by the Commission.

These programs include an undertaking to provide a current market for ores developed prior to November 1, 1957 and provision for a market in the 1962-66 period for concentrates produced from ores developed between November 1, 1957 and November 24, 1958. We are enclosing copies of Commission announcements of April 2, 1958 and November 24, 1958 pertaining to these programs.

Sincerely yours,

John T. Sherman
Assistant Director
For Domestic Procurement
Division of Raw Materials

CC: GJOO
W. H. King) Office of
Q. C. Selfridge) Minerals
Exploration

Enclosures:
As stated above.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/6/59	Murphy	700
1/6	Knouse	700
1/8	Selfridge	120
		~~110~~
		~~100~~
		220
		225

JAN 8 1959

Mr. Jesse C. Johnson
Director, Division of Raw Materials
Atomic Energy Commission
Washington 25, D. C.

Dear Mr. Johnson:

Enclosed are two copies of a letter, dated December 22, 1958, by J. M. Calderwood, requesting information regarding the possible sale of uranium ore.

We would appreciate your replying to Mr. Calderwood's inquiry, furnishing a copy of your letter for our files.

Sincerely yours,

George C. Selfridge (for)

Acting Director

Enclosures

FMMurphy/FLKnouse/gla
1-6-59
cc to: Director's Reading File
Mr. Murphy
OME Field Team, Region III (2)

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

224 New Customhouse
Denver 2, Colorado

December 29, 1958

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 31 1958

DATE	INITIALS	CODE
12/31	C	220
"		120
"	Murphy	700

Memorandum

To: Chairman, Operating Committee

From: Executive Officer, OME Field Team, Region III

Subject: Dockets Nos. DMEA-2703 and DMEA-4916
Sale of Uranium Ore

Enclosed is the original and two copies of a letter from J. M. Calderwood, requesting information regarding the possible sale of uranium ore. Also enclosed are three copies of our reply.

Mr. Calderwood submitted two applications for exploration aid on mining claims in Grand County and Emery County, Utah. These applications were docketed DMEA-2703 and DMEA-4916, both of which were denied.

It appears that a reply to the letter would involve top level AEC policy; therefore, we are forwarding it for your disposition. We would be interested in receiving a copy of the reply to Mr. Calderwood.

J. W. Townsend

Enclosures

(5)

OFFICIAL FILE COPY
RECEIVED DEC 31 1958
DATE | INITIALS | CODE

OME
DEPARTMENT OF THE INTERIOR
DEC 24 1958
REGION III
DENVER, COLORADO

OME
DEPARTMENT OF THE INTERIOR
DEC 24 1958
REGION III
DENVER, COLORADO

825 S. 10th East St.,
Salt Lake City 2, Utah,
December 22, 1958.

Mr. W.H. King
Executive Officer
DMEA Field Team, Region III
224 New Customs Building
Denver 2, Colorado.

Dear Mr. King:-

Please recall that I was referred to you, by C.O. Mittendorf (if I read it right) on Feb. 12, 1958 from Washington, D.C. in regard to securing a loan for the purpose of developing my Uranium claims in Grand County and Emery County, Utah. The A.E.C? had two engineers examine my claims later but they thought I had not enough values showing at that time to justify the loan. Well in tis communication I am not at this time asking for a loan, but some of my friends here aay that the Government has dedided not to purchase any more Uranium ore than what is contracted for already. I hope that is not correct.

I have 19 Uranium claims in Grand County and Emery County, Utah on which my brother and I have expended over $22,000 to date. I own all of these claims personally by QUIT CLAIM DEEDS from all other interested parties. Under the Government and Utah State requirements, I have to perform the annual assessment work on or for all of these claims. I am Taking steps to raise money by having the stockholders of my Tintic Outpost Mining Co. take over forty percent of the Net income from the sale of ores that may be mined from any or all the claims (13) in Grand County -- the Uranium claims, 6 in the Thompson Area and 7 in the Yellow Cat area - but they want to know definitely if after I have opened up the ore on any of these uranium claims, I will be able to sell the ore.

One thing is sure, if I am not allowed to sell any of my ore, I am bound to be compelld to loose my claims, and with them the $22,000 expended on them. The A.E.C. or the Government had announced that they could assure us of a market for our ore until 1962, but if that assurance has been rescinded and I am left holding an empty sack, it would make a terrible blow to me and my brother. I am wondering whether the income of ore allawable could be partly cut from the millionair owners and allow the mimers in my situation to get some coming our ways. We are in the prosepect stage just now, but in my case no one can dispute the fact that the showings on my claims are enough to pretty well insure a safe profit.

All six claims in the Thompson area have uranium ore outcropping; and three of those in the Yellow Cat are have the same, one of which is a true fissure vein 5 ft thick, but at the surface it carries only about 0.02% U_3O_8. A 300 ft overburden lies above the Salt Wash formation, and it is 240 feet thick. One of the A.E.C. Engineers stated to me that in that area we should have, in the Salt Wash formation, "SEVERAL WIDE STRIPS OG HIGH GRADE U_3O_8 and other strips of lesse grade values." But my plan is to develop the 18-20-foot bed of U_3O_8 on the Valley View claims, extending into the Wonder claim where another engineers of Calif, wrote to me telling me what he has seen on this Wonder claim. He had no pick but broke some samples off with a rock and tested it. His findings gave 0.40% U_3O_8. That is where I will begin my operations IF I CAN BE ASSURED OF SELLING SOME OF MY ORE. There should at least be a balancing between the USA miners and the Foreign trade producers of U_3O_8 ore, so that we at home can make an income as well as these foreign guys.

I would appreciate it very much if you will advise as to what I can expect, and if the suggestion I have made be possible of realization, A good few of us "little fellows" so called (Mr. STEEN had only $5 to his name at the time he struck his bonanza mine) will be made to rejoice.
So please do what you can for me and I'll be a thousand times thankful to you.

Sincerely yours,
J.H. Caldenwood

EXTRA COPY O. M. E. RECEIVED DEC 31 1958		
DATE	INITIALS	CODE

224 New Customhouse
Denver 2, Colorado
December 28, 1958

Mr. J. M. Calderwood
325 So. 10th East Street
Salt Lake City 2, Utah

Dear Mr. Calderwood:

This will acknowledge receipt of your letter dated December 22, 1958, requesting information regarding the possible sale of uranium ore.

This office has no control over the sale of uranium ore but we are forwarding your letter through proper channels to those who do, and they will reply to your letter.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Executive Officer
OME Field Team, Region III

HMC/ff
cc; Chairman, Op.Comm. (3)
Harshman
DMEA 2703
DMEA 4916
Subject
Chron.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/19/58	Murphy	700
6/19	Kubesh	700
6/19	Selfridge	120
6/19	Johnson	110
"	Mittendorf	100
6/20	C	220
		225

JUN 20 1958

Mr. John M. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Re: Docket No. DMEA-4916 (Uranium)
Valley View, et al., Claims
Grand and Emery Counties, Utah

Dear Mr. Calderwood:

This is to acknowledge your letter of June 14, requesting $3,000.00 primarily to perform assessment work and also to show that you have good commercial ore.

I regret to inform you that we can grant funds only through exploration contracts on approved exploration projects and for no other purposes.

You may be assured that in making our denial, under date of April 25, 1958, of your former request for exploration assistance, all of the information about your property available to us was given careful consideration.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

FMMurphy/FEJohnson/gla
6-19-58
cc to: Admr.'s Reading File
Mr. Murphy
DMEA Field Team, Region III (2), w/2cc incoming letter

8623

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 16 1958

DATE		CODE
6/16	C	220
"	Murphy	700

825 SO.10th East St.,
Salt Lake City 2,Utah,
June 14,1958.

4916

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

Hon.C.O.MITTENDORF:

DEAR SIR: Please indulge a few ideas and suggestions bearing upon my application of a loan to develop my Uranium claims in Grand County and Emery County , Utah,on which your two engineers whom you had examine these claims have evidently made an adverse recommendation .

Now that is alright as far as that goes from what they saw: But did they see and tell you about that 18 to 20 foot vein or bed that traverses the Valley View and Wonder claims? Did they see that fine bed of uranium? Two independent engineers went over these claims in the Thompson area on their own without my knowing anything about it. They both report that they discovered that vein of ore;that they sampled it and assayed their samples which on the one samples taken from the Valley View claim gave from 0.013 to over 0.10% without testing the higher grade ore; the other,Mr.Moody,whose map and report I sent to your Grand Junction office and they evidently to you. His assays went 0.10% and 0.40% U308. Did your men see and report on that big vein (or bed)? If not,don't you think that such a vein is well worthy of developing? It seems to me that such a vein of ore with showings as stated above,is well worth a loan of all I have asked,to say nothing about any other showings on amy of my three groups of claims.

But I wont say more about that. Let me request that you let me have #3000 with which to complete my assessment work and make one or two mines of good commercial ore on that Valey View and Wonder claims. From these showings at the surface,can you or anybody doubt the merits of that big vein of ore?Not only that,but has not the Government setaside $16,000,000 dollars exclusively for the "LITTLE FELLOWS?" and none of it for the Wealthy statum? And if so,is it imperative that I have a made mine before I can receive a bit of that amount/? I need it so badly,and there are about half dozen men watching my claims year by year waiting to see if I do my assessment work. Yes,there were four men camped on my claims last year, until I had my men at work on all three groups of claims.

And last year one young fellow located claims over all of my Thompson claims.But when I wrote him he surrendered his claim to ownership to all of mine. I had located 18 additional claims in that area making allof my Thompson claims contiguous;but when I found that some0 (18) of these claims were on WITHDRAWN TERRITORY,after performing the assessment on all of them for three and some for four years,I was told by your office at Grand Junction I had to relocate them after July 1st at 12 Noon.Circumstanes forbad me leaving home at that date,and this other fellow now owns all of my former claims.He is now surrouned by over 100 claims around my 6 claims. HE konws,andI know that my claims are or have the very best showings at the surface than any other claims in that entire basin. My claim have the ore to show wheras not one of the others,Except one lying between my Black Line and my Valley View claims,have any showings at the surface at all.

Now,Mr.Mittendorf, I have spent over $22,000 on and for the purchase of all of my claims; am ill to lose that investment now because I have spent ALL I HAD and that of one of my brother's.Please don't let me lose all this cash besides my claims. Let me have the $3000 and I feel sure I can show you one or more producing mines with that small amount on my Valley View and Wonder claims. By direction of A.E.C.I had to relocate all of my claims THREE TIMES when I had 37 claims located.That also took money. But I lost 18 of them. as said above.

I surely would appreciate it if you will favor me with the $3000.

Sincerely yours,

J.M.Calderwood

J.M.Calderwood.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/24	Murphy	700
4/24	Ellis	700
4/25	Selfridge	430
"	Jordan	110
"	Mittendorf	100
	N.B.	220
		225
4/25	Lamb	130
4/25	Kiilsgaard	130

APR 25 1958

Mr. John M. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Re: Docket No. DMEA-4916 (Uranium)
Valley View, et al., Claims
Grand and Emery Counties, Utah

Dear Mr. Calderwood:

Your application for aid in an exploration project and other information available to us in Washington concerning the above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FMMurphy/izm 4-24-58
cc: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
DMEA FT Reg. 3 (2)

8623

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED APR 23 1958

DATE		
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"	~~Fwd~~	~~200~~
	Complete	

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

Memorandum

April 22, 1958

To: E. W. Ellis, Defense Minerals Exploration Administration

From: T. H. Kiilsgaard, U. S. Geological Survey

Subject: Review of Field Team Report on the John M. Calderwood Property, DMEA 4916, Green River and Yellow Cat Areas, Emery and Grand Counties, Utah.

The applicant has proposed a rather indefinite exploration program on three widely separated areas. Field examiners have visited these areas and found no justification for further exploration. No ore or indications of significant ore deposits are known on the three Calderwood properties. The host rock on two of the properties is unfavorable for uranium mineralization and in the other property the ore grade material is in small pods and associated carbonized wood fragments.

As there are no targets to explore nor geologic justifications to suspect that there might be unknown targets worth exploring for, the field examiners recommend the application be denied. I concur with their recommendations.

T. H. Kiilsgaard

T. H. Kiilsgaard

OFFICIAL FILE COPY DMEA RECEIVED APR 23 1958		
DATE	INITIALS	CODE
4/23	C	220
"	[illegible]	700
Memorandum		

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

Date April 22, 1958

DMEA Docket No. 4916
DMEA Contract No.
Commodity Uranium-vanadium-thorium
Name of Applicant John M. Calderwood
Name of property Valley View
Location of property Grand & Emery Co., Utah
Estimated cost of project

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
From: James Paone, Bureau of Mines Member
Uranium Commodity Committee
Subject: Review of Field Team Report
(Application, Field Team Report, etc.)

1. Date of subject document: 4/15/58. 2. Date received by reviewer: 4/18/58

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked 'yes' above:

8. Factors meeting special consideration:
   a. Location ☐
   b. Ownership ☐
   c. Evidence of mineralization ☐
   d. Geology ☐
   e. Proposed exploration method ☐
   f. Alternate exploration method ☐
   g. Costs
   h. ☐

9. Action advised:
   a. Obtain information from applicant ☐
   b. Refer to Field Team ☐
   c. Denial ☒
   d. Agree with Field Team ☒
   e. Disagree with Field Team ☐
   f. Suggest alternate plan ☐
   g. Request another evaluation ☐
   h. Approval ☐
   i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DMEA
RECEIVED APR 18 1958

DATE	INITIAL	CODE
4/18	C	220
4/21	JB	130
4/21	C	220
4/22	FMG	700

224 New Customhouse
Denver 2, Colorado

April 15, 1958

Memorandum

To: Secretary to the Operating Committee

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4916 (Uranium-vanadium-thorium) John M. Calderwood (Valley View et. al. claims) Grand and Emery Counties, Utah - Joint Report of Examination

Enclosed are the original and two copies of the Joint Report of Examination on the subject property by P. V. Fillo, USBM and Fred R. Shawe, USGS.

The field examiners conclude that the probability for making a significant discovery on any of the three groups of claims is not sufficiently promising to justify Government participation. They recommend that the Applicant's work proposal be denied, in which the field team concurs.

E. N. Harshman

E. N. Harshman

ON-SITE EXAM.

Reviewed by
DMEA OPERATING COMMITTEE
4-21-58
(date)

MINERAL DEPOSITS
DMEA
RECEIVED
APR 14 1958
U. S.
GEOLOGICAL SURVEY
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

DMEA

INTERMOUNTAIN EXPERIMENT STATION

DEPARTMENT OF THE INTERIOR
1600 EAST 1ST SOUTH STREET
SALT LAKE CITY, UTAH

April 8, 1958

APR 14 1958
REGION III
DENVER, COLORADO

Memorandum

To: W. H. King, Executive Officer, DMEA Field Team, Region III

From: P. V. Fillo

Subject: Docket No. DMEA-4916 (Uranium-vanadium-thorium), John M. Calderwood (Valley View et al. claims), Grand and Emery Counties, Utah

Transmitted herewith is the routing control sheet covering the subject docket.

Enclosed are 10 copies of a report of examination by P. V. Fillo, Bureau of Mines, and Fred R. Shawe, Geological Survey.

The applicant applied for a loan of $15,000 to explore for uranium, vanadium, and thorium on the Valley View et al. claims, and an examination of the property was made March 4, 1958.

The examining engineer and geologist recommend that Government assistance be denied. No ore nor indications of significant ore deposits are known on the Calderwood property, and exploration is not warranted.

P. V. Fillo
P. V. Fillo

TRANSMITTED
APR 15 1958

Enclosures
cc: J. B. Clemmer

Reviewed by
DMEA OPERATING COMMITTEE
4-21-58
(date)

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DMEA
RECEIVED APR 18 1958

DATE	INITIAL	CODE
4/21	JB	130
		220

FOR UNITED STATES GOVERNMENT USE ONLY

JOHN M. CALDERWOOD
VALLEY VIEW, ET AL. CLAIMS
GRAND AND EMERY COUNTIES, UTAH
DMEA-4916
Uranium-Vanadium-Thorium

TRANSMITTED

APR 15 1958

Engineering and Geologic Report

by P. V. Fillo
Mining Engineer
Bureau of Mines

and

Fred R. Shawe
Geologist
Geological Survey

April 7, 1958

Reviewed by
DMEA OPERATING COMMITTEE
4-21-58
(date)

RECEIVED
4/18 JHB 130
220

JOHN M. CALDERWOOD
VALLEY VIEW, ET AL. CLAIMS
GRAND AND EMERY COUNTIES, UTAH

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Introduction	2
Location, topography and climate	2
Ownership and extent	4
History and production	5
Geology	6
Ore reserves	9
Proposed exploration and costs	9
Conclusions and recommendations	10

ILLUSTRATIONS

Fig. 1 Location map, John M. Calderwood uranium claims, Emery and Grand Counties, Utah
Fig. 2 Vicinity map
Fig. 3 Claim map

INTRODUCTION

John M. Calderwood, 825 South 10th East, Salt Lake City, Utah, applied January 13, 1958, to the Defense Minerals Exploration Administration for assistance in exploring for uranium, vanadium, and thorium ores in three separate areas of two counties (fig. 2). The ground involved in the application consists of 19 unpatented lode claims.

Examination of the properties was made March 4, 1958, by Fred R. Shawe of the Geological Survey and P. V. Fillo of the Bureau of Mines. Abe Day, representing John M. Calderwood, accompanied the examining team on the Emery County claims (fig. 3). Charles Zufelt, acting for the applicant, accompanied the examining team to the two areas in Grand County involved in the application.

The applicant has proposed a surface diamond-drilling and drifting program estimated to cost $15,000.

LOCATION, TOPOGRAPHY AND CLIMATE

The Calderwood uranium claims in Emery County, Utah, are located 21.4 miles by road southwest of Green River, Emery County, in sec. 12, T. 23 S., R. 14 E., S.L.B. and M. (fig. 2). The property is reached from Green River by driving west on U. S. Highway 6-50, 4.8 miles; thence to the left (south) on State Highway 24, a paved road, a distance of 10.4 miles; thence left on improved dirt road 1 mile; thence left on unimproved road a distance of 5.2 miles to Tunnel No. 1 claim, where some excavation has been made.

Green River is the nearest railroad shipping point, as well as source of supplies and labor. Union Carbide Nuclear Corp. has a uranium plant in Green River to purchase uranium and vanadium ores.

The Calderwood claims in the Yellow Cat area are located 13.9 miles by road southeast of Thompson, in secs. 17 and 18, T. 22 S., R. 22 E., S.L.B. and M. (fig. 2). The property is reached from Thompson by driving east on U. S. Highway 6-50 a distance of 5.9 miles; thence to the right (south) on an improved dirt road a distance of 4.7 miles; thence to the left (east) 1 mile on unimproved dirt road, thence to the left (southeast) a distance of 2.3 miles to the Bonnie claim, as shown on figure 3.

The claims in the Thompson area are located 20.4 miles south of Thompson in sec. 1, T. 23 S., R. 20 E., and sec. 6, T. 23 S., R. 21 E., S.L.B. and M. (fig. 2). The property is reached from Thompson by driving south on unimproved dirt road a distance of 8 miles; thence to the left a distance of 7.6 miles to an intersection; thence left a distance of 2 miles; thence to the left a distance of 2.5 miles; thence to the right a distance of 0.3 mile to east end line of Teaton claim, as shown on figure 3. Thompson is 27 miles east of Green River, Utah, and is the nearest railroad shipping point and source of labor.

The three groups of claims are situated generally in an area of low relief which is not as difficult of access as are many parts of the Plateau region. The climate is arid; summer days are hot and nights are cool. Rainfall is light and often comes in the form of cloudbursts. At times winter snowfall is heavy, making the properties inaccessible.

The area of proposed diamond drilling is in a relatively flat, sagebrush-covered area, with scattered pinon trees.

There is no water in the vicinity of the three groups of claims. All supplies, timber, and water needed for mining operations must be hauled from Green River or Thompson.

OWNERSHIP AND EXTENT

Property included in the Calderwood application consists of 19 unpatented lode-mining claims. These claims are divided into three groups (fig. 2).

The Emery County group consists of six claims recorded at Castle Dale, Utah, the county seat of Emery County, as follows:

Claim	Book	Page
Tunnel No. 1	J-69	82
South Ledge	Not recorded	
Flat Rock	J-69	80
Tunnel Annex #1	J-69	77
Tunnel Annex #2	J-69	78
Tunnel Annex #3	J-69	79

A sketch map attached to the application depicts the locations of the claims in this group. The claims are believed to be improperly located on the map, however. The Emery group has no record of ore shipments.

The Yellow Cat group consists of seven claims (fig. 2) recorded at Moab, Utah, the county seat of Grand County, as follows:

Claim	Book	Page
Bonnie	12	17
Lost Plain	12	16
Big Rock	12	207
Big Rock #2	55	247
Con Glom #1	12	214
Con Glom #2	55	245
Con Glom #3	15	50

Claims included in the Yellow Cat group are believed to be improperly shown on the applicant's sketch map. No ore production has been recorded for this group.

Claims in the Thompson area consist of six scattered, unpatented lode-mining claims (fig. 2) recorded at Moab, Utah, county seat of Grand County, as follows:

Claim	Book	Page
Gray Line	12	33
Black Line	12	34
Tigar	12	25
Teaton	9N	294
Wonder	12	27
Valley View (White Top)	12	28

The Thompson claims also appear to be inaccurately located on the applicant's sketch map.

HISTORY AND PRODUCTION

The applicant has held property in the area of the three groups of claims for several years, either by right of location or lease. Intermittent and limited exploration has been conducted. The applicant reports that a small tonnage of ore was shipped. According to the applicant 500 pounds of ore from the Teaton claim, together with ore from another claim, resulted in a net return of $31. The applicant also

reports that the original locator of the Valley View (White Top) claim shipped 7 tons of ore with an assay value of 0.35 percent U_3O_8. Willden, Hasler, and Haynes, in a report of examination covering DMEA-2703, state the following: "By selective mining and hand sorting, the applicant was able to mine 1,670 pounds of material from the workings on the Mayflower claim and 200 pounds of material from one prospect on the Teaton claim. The total of 1,870 pounds of ore is reported to have assayed 0.26 percent U_3O_8; the V_2O_5 content is unknown."

Records of the Atomic Energy Commission do not show ore production from any of the claims listed in the application, including the Mayflower. It appears that any ore shipped from the applicant's claims has been included with ore from another property.

GEOLOGY

The Calderwood properties consist of three groups of claims in the Green River desert, an area of generally flat-lying to gently dipping sedimentary rocks. Formations exposed in the immediate vicinity of the three claim groups are, from oldest to youngest, the Morrison formation of Jurassic age, and the Dakota sandstone and Mancos shale of Cretaceous age. Below is a generalized stratigraphic column of these three formations:

Age	Formation	Member	Thickness	Description
Cretaceous	Mancos shale		3000'±	Light to dark gray marine shale with few thin sandstone and gray fossiliferous limestone interbeds
	Dakota sandstone		0 - 25'	Yellowish brown conglomeratic sandstone with some sandy clay and carbonaceous shale.
Jurassic	Morrison	Brushy Basin	400'±	Gray green and red bentonitic clays with few interbedded fine- to coarse-grained crossbedded sandstones.
		Salt Wash	300'±	Fine- to coarse-grained crossbedded sandstone with some interbedded red and green shale.

The principal structural features of the area are the San Rafael Swell and the Salt Valley anticline. The San Rafael Swell, a northeasterly trending anticline about 60 miles long and 20 miles wide, is exposed a few miles west of the Emery group of claims. The Thompson and Yellow Cat groups of claims lie on the northeast flank of the northwesterly trending Salt Valley anticline. Locally, along the flanks of these two folds, dips steepen to as much as 70°-75°.

Uranium ore is found principally in the upper part of the Salt Wash member of the Jurassic Morrison formation; minor occurrences of uranium are known in sandstone lenses of the lower Brushy Basin member of the Morrison formation and in the Dakota sandstone of Cretaceous age.

Emery Group

Claims of the Emery group cover sandstone of the upper part of the Salt Wash member of the Morrison formation. The strike is east-west and the dip is about 5° toward the north. A thin, limonite-stained, and slightly radioactive bed of clayey sandstone is exposed on the Tunnel No. 1 claim along a strike length of 15 feet. Approximately 2 tons of material has been mined from this bed, but has not been shipped and is probably not of ore grade. There is no known ore on the property.

Yellow Cat Group

Two formations, the Dakota sandstone and the Mancos shale, both of Cretaceous age, are exposed on claims of the Yellow Cat group. The Dakota sandstone forms a low north-dipping cuesta along the entire length of the property and forms much of the surface area. Dips are gentle and average about 7° toward the north. Anomalous radioactivity has been reported in a 5-foot-thick carbonaceous shale about 10 to 15 feet below the top of the Dakota sandstone. However, the examining team could not detect this anomaly. There are no known ore deposits on this property nor in the immediate vicinity.

Thompson Group

The Thompson group consists of six noncontiguous claims just west of the Yellow Cat district. Sandstone of the upper part of the Salt Wash member of the Morrison formation forms the bedrock on five of the claims; shale of the Brushy Basin member of the Morrison formation is the bedrock on the other claim.

The general area of these claims is on the northeast limb of the Salt Valley anticline, near its northwest end. The strata strike westerly and have a northerly dip of about 10°. Several small radioactive anomalies associated with carbonized wood fragments occur in a bleached sandstone in the upper part of the Salt Wash member of the Morrison formation. These anomalies are small and widely scattered and no geologic trend in their occurrence could be seen upon which an exploration program could be based.

ORE RESERVES

There are no known reserves of ore on any of the applicant's three groups of claims. Production has been made from the Yellow Cat district, 2 to 6 miles from the applicant's Thompson and Yellow Cat claim groups.

The Emery group of claims is approximately 2 miles east of a commercial uranium deposit operated by Big Bend Uranium Co.

PROPOSED EXPLORATION AND COSTS

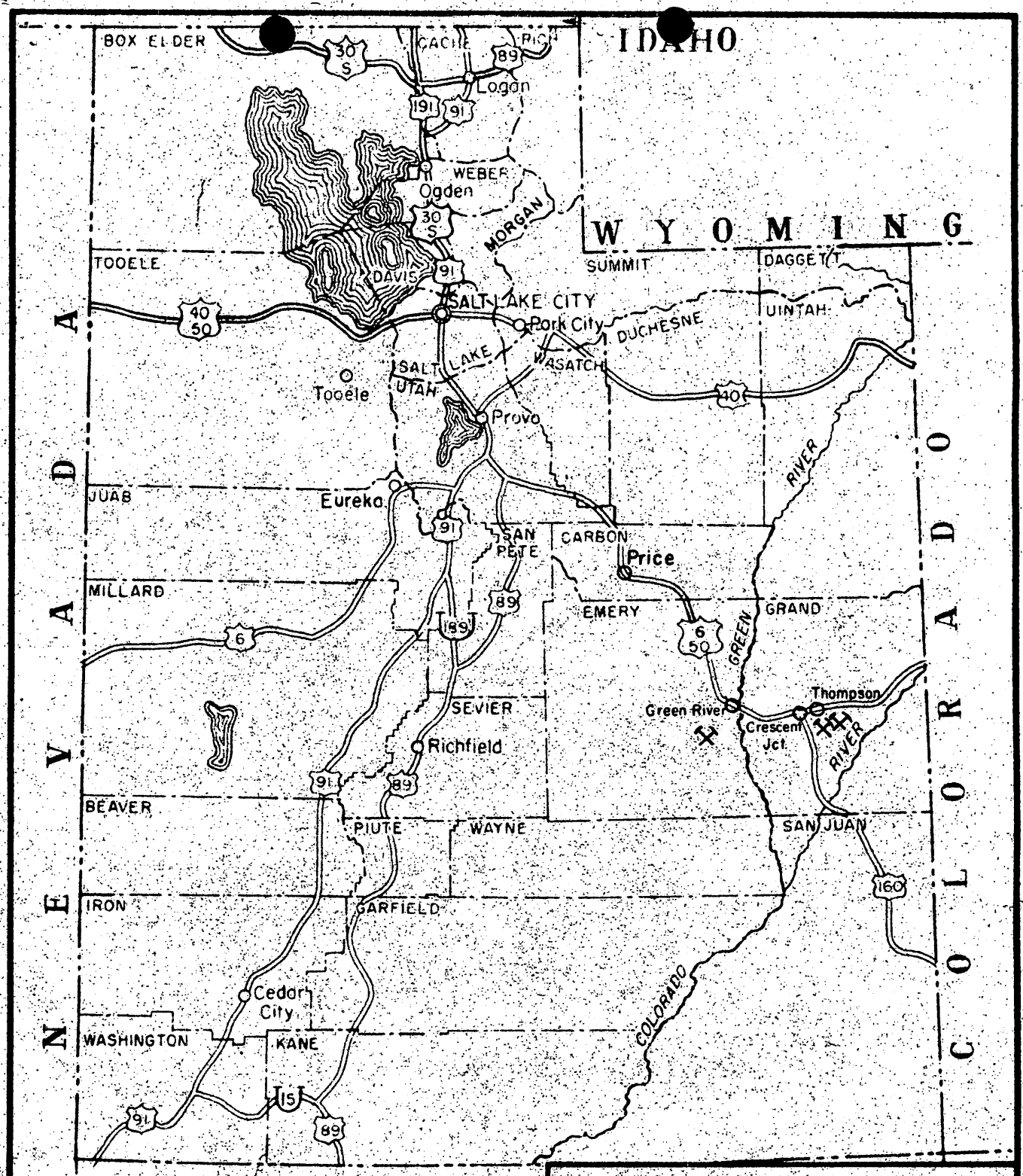
The application contains little detailed information on the proposed exploratory project. Inasmuch as denial of the applicant's request for assistance is recommended, no changes in the proposed program were suggested to the applicant and no detailed discussion of the project and costs is included in this report.

CONCLUSIONS AND RECOMMENDATIONS

The Yellow Cat group of claims covers outcrops of the Dakota sandstone, a formation considered unfavorable for occurrences of uranium ore. No ore-grade material is known, nor are there any indications of possible ore on the group. Therefore, it is concluded that the Yellow Cat group does not warrant an exploratory project.

All ore-grade material known on the Thompson group is in small pods associated with carbonized wood fragments. These pods all contain less than one ton of ore and any other ore-grade material may be expected to be of the same general size. Government drilling in the Yellow Cat district showed a progressively more unfavorable environment for ore toward the west. Exploration on the Thompson group likewise is not warranted.

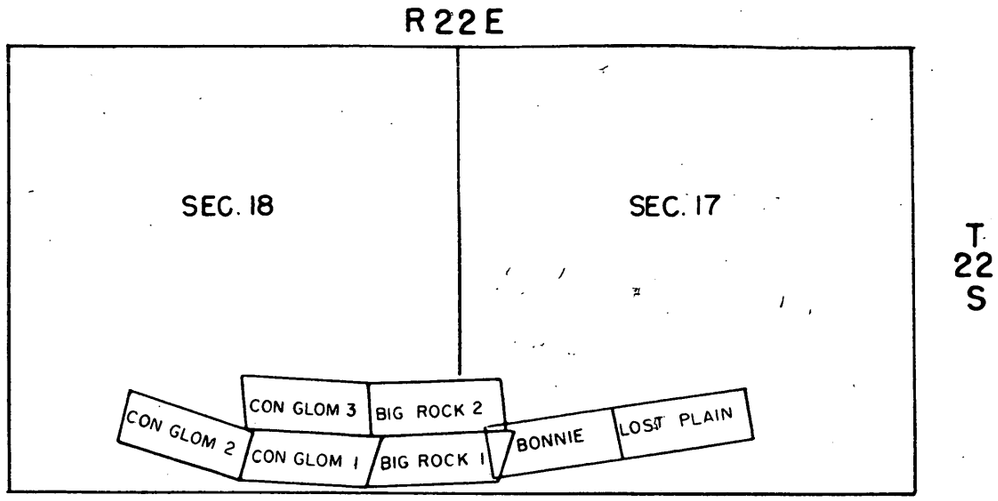
The outcropping Salt Wash sandstones on the Emery group appear to be unfavorable for uranium mineralization. No ore nor indications of significant ore deposits are known on the group, and exploration is not warranted. It is therefore recommended that the application for Government assistance on the Yellow Cat, Thompson, and Emery groups of claims, discussed in the report of examination, be denied.



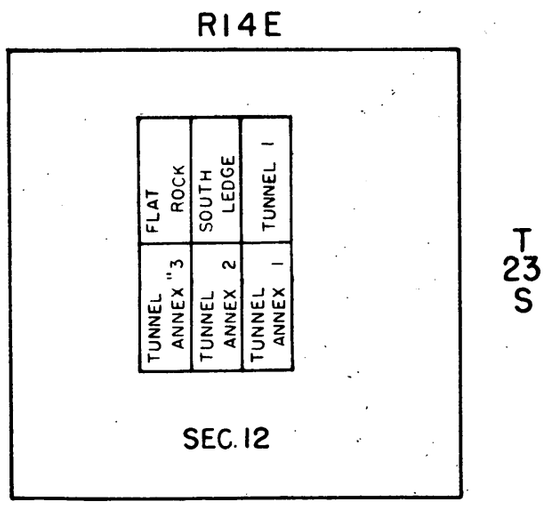
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1 DMEA Docket No. 4916
Location Map
JOHN M. CALDERWOOD
URANIUM CLAIMS
EMERY & GRAND COUNTIES, UTAH

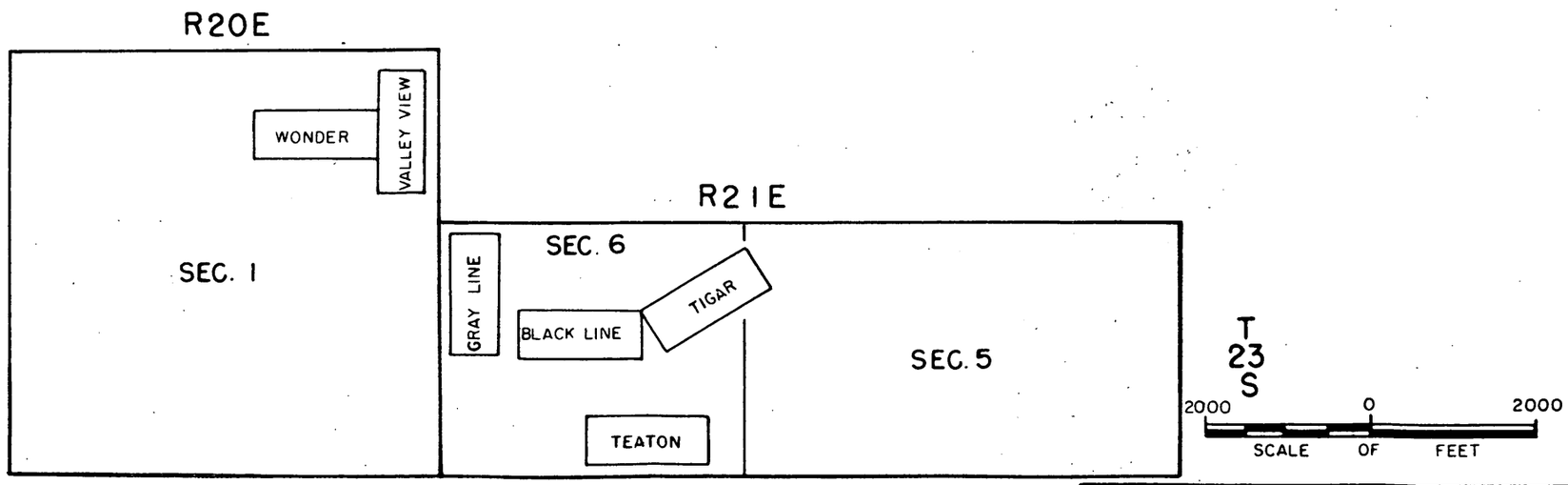
ENGINEER P. V. FILLO	DATE MAR. 27, 1958
TRACED MAR. 1958, R.L.D.	1900-447-E
CHECKED	



JOHN M. CALDERWOOD URANIUM CLAIMS
YELLOW CAT AREA



JOHN M. CALDERWOOD URANIUM CLAIMS
EMERY COUNTY, UTAH



JOHN M. CALDERWOOD URANIUM CLAIMS
THOMPSON AREA

NOTE

DATA TAKEN FROM APPLICANT's SKETCH

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 3 DMEA Docket No. 4916
Claim Map

JOHM M. CALDERWOOD
URANIUM CLAIMS
EMERY & GRAND COUNTIES, UTAH

ENGINEER: P. V. FILLO	DATE: MAR. 31, 1958
DRAWN: MAR. 1958, BY: R. L. D.	1900-446-F
CHECKED:	

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/21	Murphy	700
	Hartenstein	100
4/22	C	220
		700

APR 21 1958

Mr. John M. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Re: Docket No. DMEA-4916 (Uranium)
Valley View, et al., Claims
Grand and Emery Counties, Utah

Dear Mr. Calderwood:

This is to acknowledge your letter of April 15, 1958, relating to the subject claims.

The report of examination has not been received in Washington to date. Upon receipt of this report, the subject application will be reviewed and you will be advised, within a short time, of our decision in regard to exploration aid.

Sincerely yours,

Ernest Wm. Ellis, Director
Division of Rare and
Miscellaneous Metals

FMMurphy/izm 4-21-58
cc: Mr. Murphy
Admr.'s Reading File
DMEA FT Reg. 3 (2)

8623

OFFICIAL FILE COPY

825 SO.10th East St.
Salt Lake City 2, Utah.
April 15, 1958.

DMEA
RECEIVED APR 18 1958

DATE	INITIALS	CODE
4/18	C	226
4/11	FMaf	700

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS
EXPLORATION ADMINISREATION

DOCKET NO. 4916

WASHINGTON 25, D.C.

GENTLEMEN:

While Talking with Mr. Paul Filo last Friday, he advised that he and his companion from Grand Junction had sent in their report through your Denver office. From what he said, it appears to me that my men whom I sent out with your engineers had not shown them several of the most important outcroppins on two of my claims, the Valley View and the Wonder claims. You will recall that Mr. Paul Moody's report pointed out that he had discovered a vein or bed of U308 ore from which his Geigar Counter registered from 0.10% to as high as 0.40% uranium; and on the Valley View claim where Mr. Harold Noffsinger, graduate engineer and geologist of the Utah University except for 6 hours yet due on his geological study. He reported that he had discovered a bed of Uranium and Vanadium ore about 18-20 ft wide and his sampling was from a 50 ft length in which he stated that from what his nucleomiter regisneted, it would average easily 0.10% uranim but he didn't sample the Vandaium at all. But these two places alone, it seems to me is sufficient to justify a very careful testing by drilling to a depth of at least 100 feet on each place, and, I think, worthy of a loan.

Then on the Emery County claims - the Tunnel Claim No.1 and the South Ledge No.2, in particular have outcroppings of considerable merit; one the Tunnel Claim No.1, is a 3 foot bed that averages about 0.10% U308, according to a very competent geologist of the University of Utah, a Mr. Jensen who examined all of the three groups of claims. Then on the South Ledge claims Mr. Day called Mr. Filo's attention to several places where U308 shows on the surface. Also Mr. Day had Mr. Filo go and see how similar the Big Bend Mine is almost identical with the geology and outcroppings on my claims named. And the fact that the Big Bend mineral veins or beds have a direct trend towards my claims and lie not more than one-half mile from mine. as reportae be Mr. Day.

Now I have no idea as to what sort of report your engineers made, but I call your attention to the above conditions on my claims some of which it appears your men was not shown by my men who conducted them over all of my claims.

And now that it appears that good spring weather is here, My I not be favored with your decisions in the matter of granting me the loan requested? You see. the gentlemen I have (or had) lined up to do the drilling for me, are out for early spring work, and it could easily be that they will have meny other properties offered to them for drilling, and it is evident that no drilling concern is goind to wait for mine on an uncertain proposition. For that reason, since I am not asking for any too big sum to drill my claims, I do hope that you will grant me the loan as requested right soon, plese.

I am sending a copy of this letter to Mr. King of Denver DMEA.

Thanking you kindly for any favor you will grant me, UI remain,

Most cordially yours,

J.M. Calderwood

J.M. Calderwood.

DMF
RECEIVED MAR 28 1958

DATE		CODE
3/24	C	22C
3/31	~~FLK~~	70C

825 SO.10th East St.,
Salt Lake City 2,Utah,
March 27,1958.

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

DOCKET NO. DMEA - 4916.

GENTLEMEN:-

Ever since last August,1957,I have been trying to secure at least three bidders to bid on the drilling of my uranium claims in Grand County and Emery County,Utah. I have sent out or contacted by telephone ten different concerns of drillers,but only two of them have sent in their bids. These I mailed to you and a copy thereof to Mr. W.H.King at Denver,Colorado. Some who said they would make a bid said later that they could not make it,others said they do only their own drilling on their own properties.

It is my opinion that,if you also think it best,we should accept Mr.R.W.Dodds, of Moab,Utah,bid as he has two fine rigs and all pipe and plug drilles and core drill bits for any depth of holes up to 1000 feet. Mr.Dodds has some claims adjoining some of mine and others in that immediate area. He would deliver all water and furnish all of his supplies under his bid. Of course he will want to make further examination of my claims in Emery County,but he said that would make no difference in his bid and drilling on all three groups would be the same bid.

I had the locators of the claims in Emery County go with your engineers and show Mr.Filo all that the locator,Mr.Abe E,Day knew about them. I had Mr.Charles Zufelt,locator of all of my claims in Grand County,go with your engineers over most of my claims in Grand County. I hope your engineers and geologists found some of my claims having potential enough to justify the loan I am seeking,and on the terms mentioned in my report as to right of ownership,etc. I mentioned in one of my recent letters that all who in any way had an interest in any of my mining claims.had given me a Quit-Claim deed to all of their respective interests in any of said claims. So they are all mine outright except that none of them is patented claims.

In the event that your engineers have made a favorable report worthy of my expected loan,and in the event that my share of the costs is insufficient to justify the loan,Mr. Dodds has indicated that he will complete what is lacking and take an interest in the net returns from ores mined and sold from any of said mining claims,to which I am said to do.

Of course all bidders understand that the DMEA gets its quota or percent of all gross recoveries before any of the rest of us get any thing,which is only right and proper on such a loan. But as I have stated a number of times,we have expended over $22,000 to date which has reduced me to a fraction of income from any source.That is why the only thing that I alone could do,use my compressor,jackhammer and tools doing tunnel or drift work or perhaps shallow shaft holes at places where that could be done with a profit in exploratory work.

I hope therefore that this will suffice and that you will kindly oblige me with the $15,000 loan before too longa time.

Sincerely yours,

John M. Calderwood

John M.Calderwood.

P.S. I am sending a copy of this letter to Mr.King at his address at Denver,Colorado.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3-17	Knouse	700
3-17	Ellis	200
		100
		220
		700

VOID

Mr. John M. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Re: Docket No. DMEA-4916 (Uranium)
Valley View, et al., Claims
Grand and Emery Counties, Utah

Dear Mr. Calderwood:

Thank you for your letter of March 12 and the attachments.

We will require another bid from a third contractor for the drilling you propose to do. Also, we will require true copies of the Quit-Claim Deed mentioned in your letter that covers the nineteen claims listed in your application.

You should forward one copy of the Quit-Claim Deed and three copies of the drilling bid to Mr. W. H. King, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse Building, Denver 2, Colorado, and send one copy each of the Quit-Claim Deed and drilling bid to this office.

Sincerely yours,

Ernest Wm. Ellis, Director
Division of Rare and
Miscellaneous Metals

FLKnouse/gla/izm 3-17-58
cc: Mr. Knouse
Admr.'s Reading File
THKiilsgaard, 5224
DMEA FT Reg., 3 (2)

See F.T. memo
3-14-58
received 3/22/58 by Div.

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 17 1958

DATE	INITIALS	CODE
3/17	C	220
3/18	[illegible]	700

224 New Customhouse
Denver 2, Colorado

March 14, 1958

Memorandum

To: Chairman, Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4916 (Uranium) John M. Calderwood (Valley View et. al. claims) Grand and Emery Counties, Utah

This has further reference to your letter of February 12, 1958, on the subject docket.

The Applicant has forwarded this office a copy of his letter to you dated March 12, 1958, together with drilling bids from Boyles Bros. Drilling Company and R. W. Dodds of the drilling firm Rice and Dodds.

The field examination has been completed on this property and denial of the application is indicated. We will not, therefore, push the Applicant for another drilling bid.

W. H. King

W. H. King

3/17 C 220 700

224 New Customhouse
Denver 2, Colorado

March 14, 1958

Memorandum

To: DMEA/SLC Att: Fillo
J. W. Hasler

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4916 (Uranium) John M. Calderwood (Valley View et. al. claims) Grand and Emery Counties, Utah

Enclosed is a copy of the letter from the subject Applicant dated March 12, 1958. Also enclosed is a copy of a drilling bid from Boyles Bros. Drilling Company and a copy of a drilling bid from Rice and Dodds.

Will you please place these bids with your copy of the brochure.

W. H. King

HMC:dp

cc: Sec. Oper. Comm. (2)
Hershman
Docket
Chron.

825 SO.10th East St.,
Salt Lake City 2,Utah,
March 12,1958.

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

Docket NO.DMEA-4916

Gentlemen:-

Please be advised that I have not as yet received the bid from three bidders although I have sent my letter on requirements to eight or more and telephoned three others. I have the bids from two bidding concerns,and just now received a phone call from another who say they will have their bid in to me within the next few days. I will mail to you the same in accordance with requirement as of last February 12th.by Mr.Mittendorf (?) Administrator.

Also I have now received a QUIT-CLAIM DEED from all interested parties on all of the 19 claims involved in my application for a loan,so you will now have only myself to deal with. I enclose a form of DEED i have received from all interested parties,all of which are signed before a Notary Public and filed for recording at the County Recorder's office.

I was pleased to meet your engineer Mr.Paul V.Filo,of Salt Lake City. I hade the locator of the Emery County claims go with him over my 6 claims in Emery County on March 4th,1958. I had Charles F.Zufelt (locator of all claims in Grand County)go with Mr.Filo and another gentleman from Grand Junction whom I have not met,also on March 4th.

I am sending a copy of this letter to Mr.W.H.King as indicated,so he will know the reason why I have not been able to get data to him and to your office before now.

Sincerely yours,

John M. Calderwood

John M.Calderwood.

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 14 1958

DATE	INITIALS	CODE
3/14	C	220
"	FLK	700

COPY

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 14 1958
DATE | CODE

RICE & DODDS

EXPLORATION & MINING
CORE DRILLING
LEASING

1 January 1958

Mr.J.M.Calderwood
825 SO.10th East St.,
Salt Lake City 2,
Utah

Dear Mr.Calderwood:

Thank you for the opportunity to bid on your proposed drilling program. We have a Longyear core drill rated at 1000 feet which should be adequate for your needs and which should be available on two weeks notice.

Our price for the work is $1.00 per foot plug and $3.00 per foot core for all three locations. No Moving charge is made as long as three hundred feet drilled at each location.

If desired,we can arrange for bulldozer work or geologic consultant service when needed.

Thank you again for the opportunity to bid on your program.

Yours truly,

(His signature)

R.W.Dodds,

Partner, Rice & Dodds.

In his letter that accompanied his bid,Mr.Dodds says:"

"Our drill is mounted on a Chevrolet truck and we have a separate water tank mounted on a trailer so the water problem is solved. I haul water from Thompson as that is the closest good source.

".... I quite often use air the first150-200 feet or so if the drilling is dry and air available. However many times the drilling is such that water is best all the way."

Copied by J.M.Calderwood.

March 12,1958.

COPY

OFFICIAL FILE COPY
DWEA
RECEIVED MAR 14 1958
DATE | REMARKS | CODE

Boyles Bros.
DRILLING COMPANY
CONTRACTORS-ENGINEERS-GEOLOGISTS
1321 South Main Stree Phone HUnter 4-4401
SALT LAKE CITY 15, UTAH

November 21,1957

Mr.J.M.Calderwood,
825 South 10th East
Salt Lake City,Utah.

Dear Mr.Calderwood:

We submit the following proposition for drilling each of the following locations as mentioned in your letter of November 18,1957: Yellow Cat Area,Thompson Area and in Emery County Area:

1 . Drilling rate for holes to be bottomed BX size if possible:

(a) For plug bit drilling

0 - 250 feet	$2.60 per foot
250- 500 feet	$3.90 per foot

(b) For core drilling

0.-250 feet	$3.90 per foot
250- 500 feet	$5.60 per foot

2. If water has to be hauled over one mile from drill site,it will be to your account.

3. Cementing or drilling out cement will be charged for at the rate of $10.60 per hour,plus cost of cement or cement substitute, including drilling mud.

4. Access roads and drill stations to be to your account.

5. Cardboard core boxes can be furnished at $1.00 per box which holds ten feet of core.

6. For moving between drilling areas,the charge will be $10.00 per two man crew hour.

We believe that the above bid will cover the drilling in all three of the above mentioned areas. If you require the services of a geologist,we have one available who is familiar with these areas.

The drillers doing the exploration work will handle your core and samples as drilled in in a competant manner.

Thank you for calling on us.

Very truly yours,

P.A.Park
Assistant Manager,Drilling Division

PAP:bg

Recorded at the requ[illegible] of _____ March ___[illegible],A.D.1958 at _____M

Fee paid$$_____ _____

by_____ Book _____ Page_____ NO._____

Address_____

QUIT-CLAIM DEED

Gean H.Doe and Jane M.Doe,his wife,of Goshen,Utah County,State of Utah,Grantors,hereby sell,setover,assign and QUIT-CLAIM to

JOHN M.CALDERWOOD

of Salt Lake City,County of Salt Lake and State of Utah,Grantee,for the sum of One Dollar and other good and valuable considerations all of their right,title and interest in and to the following unpatented lode mining claims situated in the New World Mining District,in Utah County,Utah,being about six miles southeast of Goshen,to wit:

Red Dragon NO.1
Red Dragon NO.2
Red Dragon NO.3.

WITNESS the hands of said Grantors this ____ day of March,A.D.one thousand nine hundred and fifty eight (1958).

_____

_____

STATE OF UTAH)
(ss
COUNTY OF UTAH)

On this ____ day of March,A.D.one thousand nine hundred and fifty eight personally appeared before me,Gean H.Doe and Jane M.Doe his wife,known to me to be the signers of the foregoing instrument who duly acknowledged to me that they executed the same.

_____
Notary public.

My commission expires _____.

THE ABOVE IS ONLY A SAMPLE COPY OF A DEED I HAVE RECEIVED FROM ALL PARTIES INTERESTED IN ANY WAY IN ANY OF THE NINETEEN UNPATENTED MINING CLAIMS I HAVE IN EMERY COUNTY,UTAH.

J.N CALDERWOOD.

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 14 1958

DATE	INITIALS	CODE

DMEA
RECEIVED
FEB 21 1958

2/21 C
2/21 FILE

	220
	700

224 New Customhouse
Denver 2, Colorado
February 19, 1958

Memorandum

To: J. W. Hasler, w/enclosures 1--6
DMEA, Salt Lake City, w/enclosures 1--6

From: DMEA Field Team, Region III

Subject: Docket No. DMEA 4916 (Uranium) John M. Calderwood Valley View et. al. Claims, Grand and Emery Counties, Utah.

Enclosed is the following material relating to the subject docket:

1. A copy of application for government assistance in Exploration work under DMEA program consisting of the following:
   a. Applicant's letter, dated January 28, 1958
   b. Applicant's letter, dated January 21, 1958
   c. Paul R. Moody's letter, dated October 16, 1957 with sketch.
   d. Three USBM assay reports, dated June 12, 1952, January 28 and May 3, 1953.
   e. Descriptive statements of "The Calderwood Uranium Claims in Emery County"; "The Calderwood Uranium Claims, Yellow Cat Area"; and "The Calderwood Uranium Claims, Thompson Area".
   f. Three copies of a map submitted with the application.
2. Memorandum of Review by James Paone USBM.
3. Memorandum of Review by N. E. Nelson USGS.
4. Copy of a letter dated February 12, 1958 from the Administrator to the applicant.
5. Letter of transmittal of the foregoing to this office dated February 12, 1958, from the Chairman, Operating Committee DMEA.
6. Routing Control sheet.

We are in accord with the Chairman's comment concerning doubt that satisfactory information could be obtained by further correspondence with the applicant. Since the applicant lives in Salt Lake City the engineer examiner may contact him for additional information and make arrangements for a Field Examination.

You will note that a previous application, Docket DMEA 2703, was denied. However, the subject applicant has many additional mining claims and a Field Examination and Joint Report of Findings is required.

Original signed by
W. H. KING
W. H. King
Executive Officer

HMC:dp
cc: Sec. Oper. Comm. (2)
Harshman w/items 2-5
Docket
Chron.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/7/58	Kuguse	700
2/10	Ellis	700
2/12	[illegible]	130
"	Johnson	110
"	Bartenden	100
2/13	[illegible]	220
		700

FEB 12 1958

Mr. W. H. King
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-4916 (Uranium)
John M. Calderwood
Valley View, et al., Claims
Grand and Emery Counties, Utah

Dear Mr. King:

The subject application is referred to Region III Field Team for investigation, a field examination if deemed advisable, and recommendations. It is doubtful that satisfactory information could be obtained by further correspondence with the Applicant. If an examination of the property is believed advisable, you may be able to schedule the examination when the field men are in the vicinity. You will note in our letter of even date to the Applicant that he was instructed to forward to you copies of the drilling bids and Power of Attorney.

Enclosed are copies of memoranda, dated January 30 and February 3, 1958, from N. E. Nelson, USGS, and James Paone, USBM, respectively, relating to the proposed project. Also enclosed for the use of the Field Team are:

1. Two extra copies of the application;

2. Three sets of the following:

   a. Applicant's letter, dated January 28, 1958;
   b. Applicant's letter, dated January 21, 1958;
   c. Paul R. Moody's letter, dated October 16, 1957, with sketch;
   d. Three USBM assay reports, dated June 12, 1952, January 28 and May 3, 1953;
   e. Descriptive statements of "The Calderwood Uranium Claims in Emery County"; "The Calderwood Uranium Claims, Yellow Cat Area"; and "The Calderwood Uranium Claims, Thompson Area"; and

8623

f. Three copies of a map submitted with the application.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GB)

Enclosures

APPROVED:

Frank D. Lamb (GB)

Member, Bureau of Mines

Thor H. Kiilsgaard (GB)

Member, Geological Survey

FLKnouse/gla
2-7-58
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
FLKnouse

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/7/58	Kuppen	700
2/10	Ellis	700
2/12	Selfridge	135
"	Johnson	110
"	Mittendorf	100
		220
		700
2/12	Lamb	130
2/19	Gilogoard	130

FEB 12 1958

Mr. John M. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Re: Docket No. DMEA-4916 (Uranium)
Valley View, et al., Claims
Grand and Emery Counties, Utah

Dear Mr. Calderwood:

Thank you for your letters, dated January 21 and 28 and attachments. Your application has been referred to:

Mr. W. H. King
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

From your application and subsequent communications we understand that you propose to explore six claims in the Thompson area, seven claims in the Yellow Cat Area, and six claims in Emery County. Your application states that you are the owner of 11 claims and you control 8 claims by a Power of Attorney. Please advise the names of the claims you own and the claims that are controlled by the Power of Attorney, and furnish a true copy of the Power of Attorney. Also please furnish bids from three drilling contractors for the drilling you propose to do.

You should forward three copies of each drilling bid with one copy of the Power of Attorney to Mr. King at the above address, and send one copy of the Power of Attorney and one copy of each drilling bid to this office.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FLKnouse/gla 2-7-58
cc to: Admr.'s Reading File
Mr. Knouse
DMEA Field Team, Region III (2)

8623

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 10 1958
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825 SO.10th East St.,
Salt Lake City 2,Utah,
February 8,1958.

Mr.Ernest Wm.Ellis,Director
Division of Rare and Miscellaneous Metals,
Exploration Administration,
Washington 25,D.C.

Docket NO. DMEA - 4916.

Dear Mr.Ellis:-

On January 22,1958 I mailed to you all of my data and application for a loan for exploration of my Uranium claims in Grand County and Emery County,Utah,but have received no word as to whether you had received it or not. I mailed it Via Air Mail directed to you at the above address.

Later I mailed to you a letter of inquiry as to wheather or not I should send to you the BIDS from bidders on the drilling of some of my claims. I also stated in that letter that one of my Bidders of Moab, Utah wouldbe ready to go onto some of my claims by the first of last week if I had been successful in receiving the said loan by that time. I mentioned also that there is some snow covering all of my claims, but that will be gone within a few days after the sun hits it,if it snows no more.

I also mentioned that one of my bidders has been too preocupied on his research business for the Government to permit of his accepting or submitting any bid for the drilling of any of my claims,and his withdrawal leaves only two bidders to choose from.

I will say now that the Moab Bidder's bid is far below the Salt Lake bidder's. Thr Moab Bidder is he who is prepared to move onto my claims at any time now,and I do hope you will act favorably on my application for this loan.

You will have seen from my reports that I mentioned that I have one compressor, a jackhammer,jackleg,drills and bits for plug drilling by employees I'm to have work my outfit as stated,for tunnel and other surface work or shaft work if and where I have pay dirt to work on or for.,or on incline work. And that is the way I propose to put up my share of the price of all the work to be done under this loan.

I mentioned that it would be my intention to begin this work on either the Valley View Claim in the Thompson area or on the 3 ft vein on the Tunnel Claim NO.1. of the Emery County group of claims. The Thompson claims are in Grand County.

I mentioned that I have expended over $22,000 to date for and in behalf of all my claims,and that has left me entirely without capital,which is the reason I have to have this loan or lose my claims,so far as I am able to prognosticate at this time .

For that reason I am so desperately in need of your help and hope to receive your favorable action on my aplication in the near future.

Sincerely yours,

J.M.Calderwood

J.M.Calderwood.

P.S. I was wondering why it wouldn't be as well to Plug drill ALL holes until the PROBE would reveal the presence of ore then use the core drill.

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DMEA
RECEIVED FEB 4 1958

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Complete		

February 3, 1958

4916

Uranium
John M. Calderwood
Valley View, et al., claims
Grand and Emery Counties, Utah
$15,000.00

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: James Paone, Bureau of Mines Member
Uranium Commodity Committee

Subject: Application

1. Date of assigned contract: 1/20/58 2. Date received by reviewer: 1/31/58

3. Prior reports on this property known to reviewer: Yes [ ] No [ ]

4. Prior reports on nearby properties known to reviewer: Yes [ ] No [ ]

5. Information available on past production: Yes [ ] No [ ]

6. Other pertinent factors known to reviewer: Yes [ ] No [ ]

7. Explain items marked yes above:

8. Factors affecting general considerations:
a. Location [ ]
b. Ownership [ ]
c. Evidence of mineral deposits [ ]
d. Geology [ ]
e. Increased exploration costs [ ]
f. Alternate assistance avenues [ ]
g. Costs [ ]
h. [ ]

9. Action effected:
a. Return information to applicant [ ]
b. Refer to special fund x
c. Reject [ ]
d. Assign to other fund [ ]
e. Discuss with field [ ]
f. Request additional information [ ]
g. Approve [ ]
h. [ ]

10. Comments: Some claims were denied under DMEA 2703 perhaps the field may have new data on these claims and some information on new claims. Referral is recommended.

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 30 1958

DATE	INITIALS	
1/30	gb	228
"	FJK	700

IN REPLY REFER TO:

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

January 30, 1958
Re: DMEA 4916
John M. Calderwood
Thompson Area, Grand Co., Utah
Green River Area, Emery Co., "
Yellow Cat Area, Grand Co., "
$15,000 - Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application

The applicant now requests assistance in making a number of mines, but one at a time. In 1953, he sought aid in exploring the Thompson group and those claims will be attacked first. The 1953 application, 2703, was denied.

As I read the application and supplementing letters, fairly good uranium ore was discovered on the "Thompson" claims in July and August 1957. The discovery is not described. Otherwise, there is no mention of new work having been done, but I suspect the applicant has not been idle during the 4-year interval.

Information concerning the showings on the other groups consists almost entirely of generally favorable heresay comments of engineers and geologists.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

1 more

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 31 1958

DATE	INITIALS	CODE
1/31	C	220
1/31	PUC	700

825 SO.10th East St.,
Salt Lake City 2,Utah,
January 28,1958.

Mr.Ernest Wm.Ellis,Director
Division of Rare and Miscellaneous Metals,
Exploration Administration,
Washington 25,D.C.

DOCKET NO. - DMEA - 4916.

Dear Mr.Ellis:-

Is it your desire that I send you the Drillers' bids on drilling the plug and core drilling on my uranium claims? Or is that left to me to decide?

I received a letter from one of my bidders today saying he and his partner are or will be prepared within one week to move onto my claims if their bid is satisfactory. They are well equipped and have had plenty experience. They are Moab,Utah drillers men. They have a number of U308 claims adjoining mine in Grand County,Utah. They are this week just completing a small drilling job somewhere.

The engineer who wanted to do my drilling said last evening that it will be impossible for him to complete some "research" material for the Government in time to do my drilling,and for me to excuse him from that drilling job. It was he who wanted to come in with me for an interest in the net profits to be derived from ores to be mined from any of my claims,if any. He has made quite a searching examination of my Yellow Cat area claims and my Thompson claims,whom I mentioned in my report to you a few days since. (There is some/just a little show on my claims just now.)

I have sent out an invitation to seven drilling firms but only three of them had sent in their bid up to this date,and this one dropping out leaves only two bids to be considered unless some others come in with their bids right away. Well, these Moab Bidders have made a very satisfactory bid, they to furnish all gas,water and oil plus of course all the rig and trucks and core and plug drilling. They have a very capable geologist whom they can get to test each day's drillings for the content of U308 in each of my three groups of claims. These drillers suggest that it would be quite sufficient to have this geologist put not more than two hours of each day to do this expert values testing. His price would be about $10 per hour, said my Moab drillers. I would have to pay this geologist for his services from the loan I hope to receive from you. I assume that these Moab drillers make their much more reasonable bid than the other bidders here in Salt Lake,because this drilling will no doubt,in a large way,demonstrate the merits of several of their own claims.

The engineer said to me yesterday that he will take one day off after my drillers begin their work and show me where he found that 18-20' bed of U308 and V205 ore outcropping. But Mr.Acerson of GreenRiver nor his friend Mr.Taylor has never sent me word where it was they found a choice outcropping of U308 on one of my claims, as reported by Mr.Paul Moody,who was with them but sone distance ahead of them when they ran across this reported outcropping.

Trusting that I might have your favorable consideration in the near future,

Sincerely yours,
J.H.Calderwood

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 23 1958

DATE	INITIALS	CODE
1/24	C	220
"	FLR	700

2 minerals

825 SO.10th East St.,
Salt Lake City 2,Utah,
January 21,1958.

Mr.Ernest Wm.Ellis,Director
Division of Rare and Miscellaneous Metals,
Exploration Administration,
Washington 25,D.C.

Docket NO. DMEA 4916

Dear Mr.Ellis:

The enclosed material relative to my application for a loan from your department was sent as is to your Denver associates on November 1st,1957. It was all returned to me shortly thereafter,but was stamped with the DMEA Seal,as you will observe.

This,my report,is quite voluminous,I admit,but from the material required I could find no sufficient amount to report of less than that I sent in. I think it answers all of the data you underscore with RED lines. I tried to follow each number in its order so you would have no trouble examining my answers,and what is called for.

I said above that my material was stamped with the DMEA SEAL,I don't mean that,but with their stamp of acknowledgment of having looked it over. I suppose that is right?

I had understood from the statement in that outline I was to follow,that ALL of this material was to be kept as property of the U.S.Government. And none of it to be returned to me except what I might request to be returned.I suggested that I might have the engineers report returned if not important to the DMEA at Denver.

I might state here that now,since I have received BIDS to core drill or plug drill some of my claims,that is the logical thing to do;and at the same time use the machinery and tools I have for tunnel and shallow shaft work. My first work will be to coredrill about 2 to 4 holes on the reported BED of U308 and V205 on the Valley View claim in the Thompson area. And at the same time to have two men use my machinery to operate on the fissure vein near where the drillers will be at work on the same claim. I estimate that 100 ft holes will be deep enough to determine what is there,but it will depaned on what the showings are at that depth or sooner. For it may be that right near the surface U308 ore in quantity and quality will reppond. It shows some at the surface on the 18-20' bed. as reported by the engineer who examined it without my knowing he was on my claims.

Then I intend to drill on the reported vein on the Wonder claim adjoining the Valley View claim to the west. Of which the enclosed report by Mr.Paul Moody E.M. made.Please note too what he says of the entire"basin# on which my Thompson claims are located.

My report will tell the exact manner in which I plan to operate as a beginning on each of my three groups of claims. I am very sorry that the men who is reported to have discovered an outcropping of high importance on one of my claims;but neither of them has deigned to reply to my request for that information. Mr.Paul Moody E.M.is the one who was along with these other two gents when that discovery was made and I am going on his report to his father. Well,I must not say more. I will do the best possibe and accomplish the best results possible with the best geologist and workers obtainable for this job.and I do hope that you will favor me this loan. I have expended over $22,000 to date buying and for machinery and labor etc and can't afford to lose out now.So please favor me if you can see it that way. I need it right badly and will be extremely careful as to how it is expended.

Sincerely yours,

J.M.Calderwood.

Palmdale, Calif.
Oct. 16, 1957

Mr. J. M. Calderwood,
825 So. 10th East St.
Salt Lake City 2, Utah,

DMEA
DEPARTMENT OF THE INTERIOR
NOV 4 - 1957
REGIONAL FILE COPY
DENVER, COLORADO
RECEIVED JAN 23 195
DATE

Dear Sir:

I checked the Thompson group of claims about Aug. 1956. As I remember there were five claims but they were not all joined together. There were two of these claims that were joined end lines to end lines. There were two showings of Uranium, one on each claim. I think the one was the open trench with the ore piled up. The other was to the west on the same contact approx. 1000 ft. I felt that this showing could develope some ore if dug into. I will draw a rough map and try to indicate the approx. location as I remember it.

The thing that was really of value was the whole basin where

these claims are located of which the outcrops of ore are on your claims. The basin is very similar to two areas that have and are producing ore that I saw and checked on. The first was the Four Corners property east of Green River, Utah. The second was part of the Yellow Cat Area East and South of Thompson, Utah. I will try to show on the map why I thought it was a good place to find a mine.

I did not go over your Yellow Cat group of claims so I do not have any information on them.

The section where the Thompson claims are located had been withdrawn by the AEC at the time I inspected the area. Anything that wasn't located in 1951 was not open ground but the area had been staked. This was my information on it at least. If it has been released

it could be staked or.

I do not know whether this information will help you but I hope so.

Yours truly,

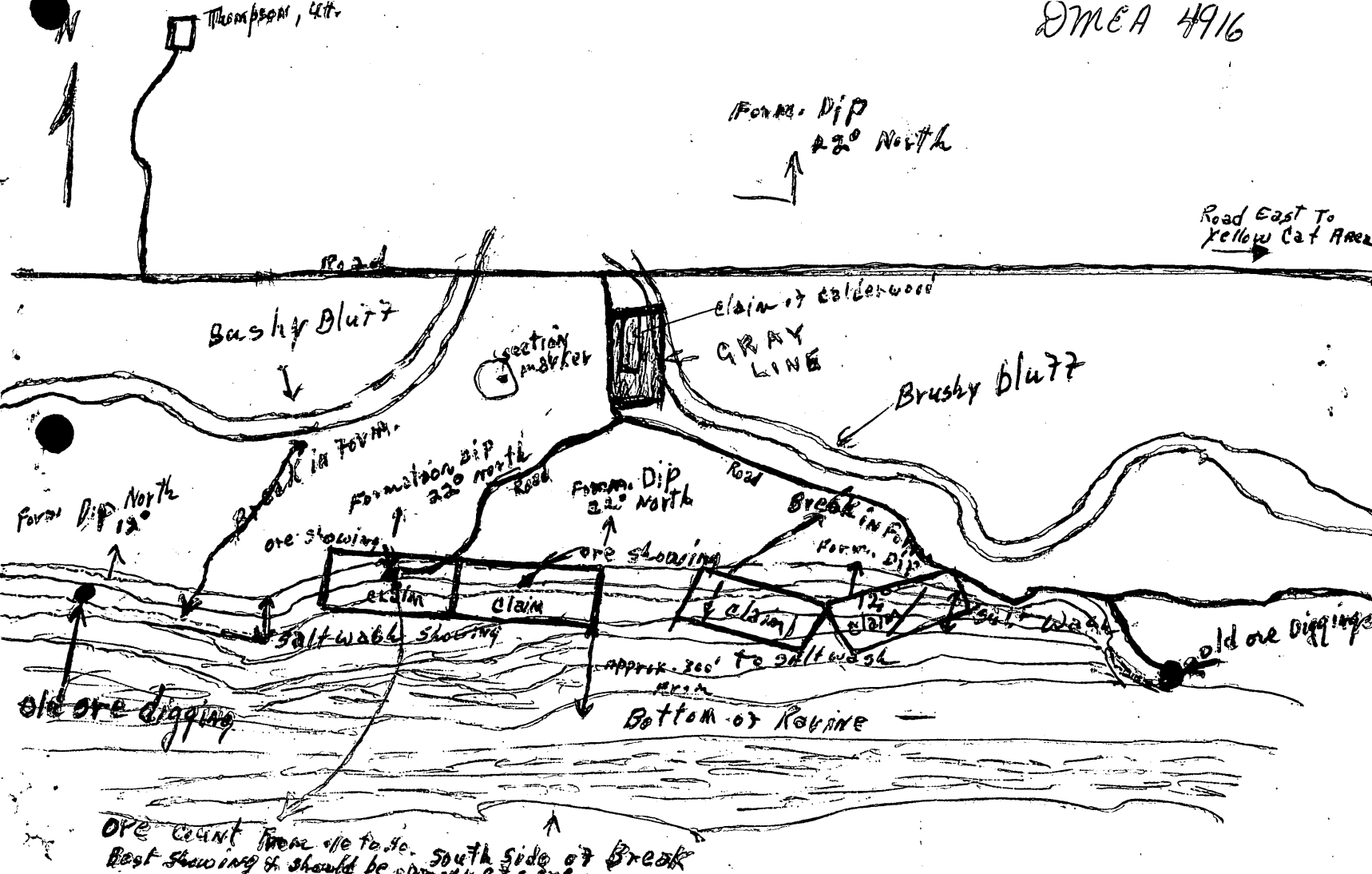
Paul R. Moody

P.S.

On the map where the road comes in from the north past one of your claims through the break in the upper salt wash or brushy basin West to the change in formation dip angle and East to the change in formation dip angle, There should be a good chance for ore in this area.

I don't remember just how wide and long this area was but as I remember it would take about 20 claims to cover it.

DMEA 4916


N
Thompson, Mt.
Form. Dip 22° North
Road East To Yellow Cat Area
Road
Bushy Bluff
claim of calderwood
GRAY LINE
section marker
Brushy bluff
Break in Form.
Formation Dip 22° North
Road
Form. Dip 22° North
Road
Break in Form.
Form. Dip 12° North
ore showing
ore showing
claim
claim
claim
claim
salt wash showing
salt wash
old ore digging
approx. 300' to salt wash
Bottom of Ravine
ore count from o/e to o/e. South side of Break
Best showing & should be

JAN 23 1958

EMERY COUNTY GROUP

FILE COPY
DMEA
RECEIVED 1958
CODE

DMEA
DEPARTMENT OF THE INTERIOR
NOV 4 - 1957
REGION III
DENVER, COLORADO

THE CALDERWOOD URANIUM CLAIMS
IN EMERY COUNTY

J.M.CALDERWOID
825 SO.10th East St.,
Salt Lake City 2,Utah.

1. Applicant's Property Rights:
(a) Your applicant has 6 unpatented Uranium claims in Emery County,Utah,about 11 miles from Green River along the Hanksville road,thence 5 miles easterly onto the Bunnbl claim #1, #1 all contiguous as follows:

ORIGINAL LOCATIONS	LEGAL DESCRIPTION	AMENDED LOCATIONS
(Tunnel claim #1.April 4,1953	T 23 S. R 14 E. Sec. 12 and 13,	Dec.5,1954 Same PRS
*(South Ledge #2. April 4,1953	" " " " " " " "	Book J69 P 82.
(Flat Rock April 4,1953	" " " " " " " "	Dec.5,1954,B
* " " " " " " " Not Recorded.		Book J69,P80.
Tunnel Annex #1, Dec.12,1953	" " " " " " " "	Dec. 5,1954 " "
TunneBook J15, P 1.		Book J69 P 77,
Tunnel Annex #2, Dec.12,1953	" " " " " " " "	Dec.5,1954 " "
Book J15, P 2.		Book J69, p 78.
Tunnel Annex #3, Dec.12,1953	" " " " " " " "	Dec. 5,1954.
Book J15, P 3.		Book J69, P 79 . "

Although the Original locations of the three claims first above named, were not recorded, no one had jumped or located any of them before my son and I located them as Amended locations on the dates given at the right side of the page. I had paid for them in full from Nov.12,1953 to Jan. 26,1954,and got the Quit Claim Deed for them so no irregularities or suits at law might be possible. So that now all of these claims are properly staked,filed and recorded as presented above. And your applicant has Power of attorney fro my son and his wife to do whatever I think best with all of these claims.
(b) Besides the names of these claims,they are known as the "Green River Claims," the Emery County claims and sometimes,by the original locators,as the Rattlesnake Claims .
(c) The three claims first above mentioned are mine by purchase and by Amended Locations; and the last three claims are my sons and mine by location and by having all assessments properly done and recorded to date.
(d) There are no liens,mortgages or other encumbrances on any of these claims.

2. Physical Description:-
(a) An adit about 68 in is dug on a 3' bed carrying small amounts of limonite iron and an average of about 0.10% U308,and an open cut 3½' wide and 15' long with small amounts of limonite iron and,by Geiger counter test,about 0.15 to 0.20% U308. We made a ramp for loading the ore,and did some Caterpiller work besides road improvements and prospect operations sufficient to keep the title clear to date. We have about 2 tons of U308 ore now in a rack at the adit. This bed is now proven to be a good,better than wages,one man operation. Engineers say that by drifting in deeper at the adit,the % pf U308 should materially increase One very excellent geologist who accompanied your applicant over these claims,said that this 3' bed is only a superficial deposit and we could no doubt find our real values on the contach between the Salt Wash and the Summervills fonnations,some 150 feet deeper than the adit. We have shipped no ore,and all estimated values have been by Geiger counter approximation.

(b) My part in said operations have been to hire and pay employees for all of the work done, save that the assessment work for 1955-1956 was done by A.R.Morgan for compliance with an agreement I had with him in which he was to have taken over all of these claims For the Big Reef Uranium Company. Later that agreement was rescinded and the claims restored to your aplicant by mutual agreement.

(c) All submitted under 2(a). The sole geology of these claims is the Salt Wash and under it the Summerville formations. Same under (d) and (e) .
(f) My reasons for expecting to find ore on these claims are that the geological status is such as to suggest it,and the fact that we have an ore bed now exposed on both sides of a 300' to 400 ' ridge which carries U308 as above mentioned,and with additional capital the showings are enough to justify further exploration and drilling as explained above.

THE CALDERWOOD URANIUM CLAIMS
In Emery County

3. Accessibility of Project:-

(a) The Hanksville road takes off from a point on the main Highway about 5 miles North of Green River, thence along Hanksville road for 11 miles southerly, thence 5 miles easterly and onto the Tunnel Claim #1. I had in mind having my son conduct your representative over my claims, but his wife had a very serious heart attack seven weeks ago and is still in a sad and precarious way; she is bed fast at the hospital at Moab and I fear my son will not be inclined to leave her; he has lost seven weeks work at the Green River Uranium Mill and has exhausted nearly all his savings to date. During the last three years my heart has refused to allow me to climb even 100 feet up even a very medium climb up any slope, and therefore I could not guide any one over some of my claims, especially over the Emery County claims. I might be able to take your representative onto all of my claims and point out directions to go to see all that I have said. If that would suffice, just let me know in time if you find my descriptions herein satisfactory.

(b) The employees I have approached live at Santaquin, Utah County, Utah; they are first class miners and know the HOW of most any phase of it. I have had them work for me in the past. They would be A-1 for the Thompson claims for they understand ore and one of them has worked some in the uranium field. They would either have to live in a tent or find lodgings at Thompson. With nearly all mines closed down at Park City and Tintic districts, I fancy I can secure the services of very good men at any time. I will contact men with the Bulldozer or cat soon as I hear from you in regard to my report herein. I want to begin work at once as said before.

4. The Exploration Project:

(a) On this group of claims, I would start work at the adit before mentioned and there determi the actual merits of that bed with deeper coverage. I have told you exactly what you will see on all of my claims; no engineer or geologist can show you more but might tell you less. This report is correct according to my own interpretations and in accordance with what a number of high class engineers and geologists have seen and reported to me verbally. I might say here that the Big Reef Uranium Company is right now shipping from a property they have not far from my claims in Emery County now under survey. Their vein is said to be headed directly towards my claims, they are in the same section as are mine. In looking over all other phases of what you call for, I see nothing unmentioned under the varios groups of claims here described.

Trusting and hoping that my petition will meet your approval and that I shall soon receive a favorable and helpful reply. I remain ,

Your Humble servant,

J.M.Calderwood,
825 SO.10th East St.,
Salt Lake City 2, Utah.

(copy)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 East 1st South
Salt Lake City 1, Utah

June 12, 1952

J. M. Calderwood

825 South Tenth East
Salt Lake City, Utah

RADIOACTIVE SAMPLE REPORT

Sample Reference No. UP-26-3

Name and Location of Property: 22 Miles south of Thompson, Utah
Teton Claims
Little Valley Grand County, Utah

Nature and Analysis of Sample:

No. 1 -- Carbonaceous shale and sandstones - carnotite
No. 2 -- Sandstone - some carnotite
No. 3 -- Conglomerate

No. 1 - Radiometric analysis indicated that there is 1.9 percent U_3O_8 present.
No. 2 - Radiometric analysis indicated that there is 0.20 percent U_3O_8 present.
No. 3 - Nonradioactivity was found in the sample.

FILE COPY
DMEA
RECEIVED JUN 20 1952
CODE

Reported verbally to J. M. Calderwood

Examined by:

Signed (Signed) Heber E. Peterson

Heber E. Peterson, Chief
Chemical and Physical Section
Metallurgical Division
Region IV

(Copy)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 East 1st South
Salt Lake City 1, Utah

1-28-53

J. M. Calderwood

RADIOACTIVE SAMPLE REPORT

Sample Reference No. UP-346-1

Name and Location of Property: South of Greenriver, Utah

Nature and Analysis of Sample: Assay Pulp sample

Chemical assay reported to be 0.26 % U_3O_8

Radiometric analysis 0.18 % U_3O_8

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Examined by:

Signed /s/ Harold L. Gibbs

(Copy)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 East 1st South
Salt Lake City 1, Utah

May 5, 1953

J. M. Calderwood
825 South 10 East
Salt Lake City, Utah

RADIOACTIVE SAMPLE REPORT

Sample Reference No. UP-477-4

Name and Location of Property: near Thompson, Emery County, Utah

Nature and Analysis of Sample:

3 samples, calcitic sandstone
1 sample, hematite stained sandstone

1. 0.05 percent U_3O_8 equivalent
2. .20 " (carnotite)
3. .17 " "
4. .05 " "

Examined by:

Signed (Signed) Heber E. Peterson

Heber E. Peterson, Chief
Chemical and Physical Analysis Branch
Metallurgical Division
Region IV

YELLOW CAT AREA
Grand County, Utah.

DMEA
DEPARTMENT OF THE INTERIOR
NOV 4 - 1957
REGION III
DENVER, COLORADO

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DATE	INITIALS	CODE

THE CALDERWOOD URANIUM CLAIMS

Yellow Cat Area.

1. Applicant's Property Rights:-

(a) Your applicant has 7 unpatented uranium claims in Grand County, Utah, about 3 miles northerly from the famous Yellow Cat Mine and 15 miles southeasterly from Thompson, Utah, all contiguous, the names of which are as follows:

ORIGINAL LOCATIONS	LEGAL DESCRIPTION	AMENDED LOCATIONS	
Bonnie, March 5, 1951 Book 9J, P 570	T 22 S, R 22 E, Secs. 17-18 (19?)	Oct. 10, 1953 Book 12, P 17.	Same T, R, S.
Lost Plain, Feb. 15, 1951 Book 9J P 570	" " " " " " " " "	Oct. 10, 1953, P Book 12, P 16.	" "
Big Rock, July 1, 1953, Book 10, P 138	" " " " " " " " "	Oct. 10, 1953 Book 12, P 20?	" "
Big Rock #2, Dec. 7, 1953 Book 15, P 51.	" " " " " " " " "	Dec. 11, 1954 Book 55, P 247	" "
Con Glom, July 1, 1953 Book 55,	" " " " " " " " "	Oct. 10, 1953, Book 12, P 24	" "
Con Glom #2, Dec. 7, 1953 Book 15, P 49,	" " " " " " " " "	Dec. 11, 1954, Book 55, P 245	" "
Con Glom #3, Dec. 7, 1953	" " " " " " " " "	Dec. 11, 1954, Book 15, P 50.	" "

These claims are all properly staked, filed and recorded with the Grand County Recorder at Moab, Utah. Your applicant has the power of attorney from all interested parties to claims on which their names appear on the Location Notices to handle themsaid claims as he thinks Best.

(b) Being located in the Yellow Cat Mine region, these claims are referred to as the Yellow Cat claims; or as "the Calderwood Yellow Cat claims", also as the Bonnie Group, or the Bonnie and Lost Plain Group.

(c) My son, J. Wells Calderwood and I (with other names on some of these claims) are equally interested in all of these claims and others mentioned in this solicitation for a loan. Your applicant holds Power of Attorney from all other parties whose names appear on any of the above locations, including those of my son and his wife.

(d) There is no lien, mortgage or other fiduciary attachment to any of the above claims. All moneys advanced by others are received by me and deposited in a bank to the credit and account of the Calderwood Uranium Fund, and checked out under that name by myself as Trustee. Your applicant takes no salary whatever, but every dollar is expended solely for claims or for machinery, tools, wages, and other necessities connected with the development and care of the claims. I have no intention to purchase or locate additional claims for this set up.

2. Physical Description:-

Your applicant, in 1951, purchased the Bonnie and the Lost Plain claims. The person from whom I bought them is paid in full of all cash demands, but is to receive $500 in stock if we ever incorporate, and/or cash from sale of ore derived from either of these claims, or from sale of any of the above claims. My son J. Wells Calderwood was field manager of all work and employing of employees from and after June 21, 1952 until the close of 1954. Under his direction he did all assessment work consisting of improving 1½ miles of road onto the above claims including access to all of the above claims. He also did drilling by jackhammer with two men, had a loader employed to haul away the Bulldozer dirt in the wash through which part of this road was made; also he had men do hand work on the 5' vein in said wash, and conducted an engineer over the claims (well, he conducted four engineers over these claims) and received their verbal interpretation as to the merits of this group of claims. I paid for all the work from invested money. I tied this group of claims up with a Mr. Morgan in the late spring of 1955, and he did the work for me that year. In 1956-1957 your applicant employed an A-1 geologist to do the assessment work by drilling many four or more feet deep holes along the south bank of the 5' vein to find out if the vein improved in values in excess of what it had in thewash.

J.M. Calderwood
825 SO. 10th East St.,
Salt Lake City 2, Utah.

J. CALDERWOOD
825 So.10th East St., (2)
Salt Lake City 2,Utah.

2. Physical Description:- Con.

(a) The Geiger counter showed only about 0.01% U308. The engineer said,however,that he had seen two veins in Colorado of precisely the same material,both of which had good commercial ore. He said in his opinion this vein would with depth respend as well as the veins in Colorado had done. We have had no production from these claims. All 5 geologists who have examined these 7 claims have stated that on this property is a 240-foot bed of Salt Wash formation; that overlying this formation are the Dakota,the Cedar Mountain and the Brushy Basin formations;that no one knows or can know what U308 values might or might not be found by drilling through this 150-300 foot overburden and into the Salt Wash for an additional 100 feet. One of these engineers stated to your applicant,that in his opinion we should have several wide strips of high grade U308 and other strips of lesser values and some without any commercial ore.

(b) Answered in 2 (a).

(c) Also answered in 2.(a).

(d) This is where we will have to do our heaviest drilling;but engineers say we could no doubt know enough by drilling not more than two to three holes as above indicated.And if found to contain large quantities of commercial ore,we could sink an incline from the lowest surface level into the ore and in that way save the more costly shaft and lighter and much quicker work;and like it was with Mr.Steen,lower trucks down the incline and in that way hoist the ore. My present opinion is,that it might be best to sink at least one hole first on the 5' vein exposed at the surface in the wash. There is a swale on one of the most likely claims, on which one engineer said he would recomend drilling first- just one hole. Others think it would be necessary to sink a shaft where the best ore might be found. Some engineers say we are out of the ore channel by about 500 feet,one said 5 miles east of the main channel;but all acknowledge that none can tell where the channel was when the U308 was deposited in that area,some million years ago.

(e) All we know is contained in the above;drilling alone will reveal what we have or have not got on these claims.The potential is great as it appears to me and to others as above stated.

(f) My reasons for expecting to find ore on these claims are expressed in the above data. We know we have a 5' fissure vein carrying a small amount of limonite iron and scatterings of carbon in a sort of conglomerate formation;we also have the word of five competent geologists that we have a 240' bed of Salt Wash formation - the kind that in that area makes good at other mines. We have one of the greatest beds of Salt Wash formations,and if found to contain U308 by drilling one or more holes,it should make one of the largest producing mines of Utah.

(g) To date only two of these engineers have made a written report on these claims.One was made for me and the other for an interested party,indirectly. I read the report. In that soft Morrison sand,drilling wont be at all slow;at the surface they drill at the rate of one foot per minute,or 4 feet in 4 minutes.

3. Accessibility of Project:-

(a) All of these claims are readily accessible by auto or truck. As above stated,we made a mile and a half road onto and on these claims with access to all of them. There is no mine workings except as stated above.

(b) The shipping and supply points are at Green River,Emery County,Utah.Unless we furnish a tent to begin with,it is likely that employees will find lodging and food supplies at Thompson,Grand County,Utah,as that is 38 miles nearer than any other living quarters.The distance from these claims to Thompson is about 15 miles.

4.Exploration Project:-

(a) As above stated,it would be logical to drill one or more holes on the said 5' vein to begin with;as this vein contains iron,carbon and about 0.01 to 0.02% U308. After that to drill test holes where our engineers have or may direct. What depth would be necessary to sufficiently drill at least one hole on the 5' vein is unpredictable;but at least deep enough to get under the leaching point minimum, or even deep enough to reach the Salt Wash formation if necessary,or advisable at that point. Under that suggestion,drilling could as well be done either on the Bonnie claim or on the Con.Glom claim as the 5' vein shows on both.

J.H.CALDERWOOD
825 So.10th East St.,
Salt Lake City 2,Utah.

4. The Exploration Project.Con.

(b) No road work is necessary.
(c) In the event that an exploration contract with the DMEA is executed,it is your applicant's plan to begin work on the Thompson claims within 15 days after the contract is signed, and to begin work on the Emery County claims within thirty days after the contract is signed, this work to be done by contract perhaps at about $10 per lineal foot,the footage to be determined by what quality of U308 is encountered in the 3' bed on which this work will be done. How soon drilling on the claims in the Yellow Cat area can be guaranteed will depend on the availability of (a) a drilling outfit,or (b) if renting of drilling apparatus and men to operate it are available. Your applicant's desire is to get at that work as quickly as possible on a contract basis with the lowest bidder. In the event there will be no acts of God or of the AEC preventing it,I will place the the time required to complete all of the above planned operations at 18 months from the date of signing the contract with the DMEA; This contemplates in a measure determining what tonnage of commercial ore can be established within that time limit.

5. Experience: Your applicant's experience has been over thirty years of exploration and supervising operations in Utahand Idaho. I have read volumes by highly competent engineers and geologists of wide experience in the United States,Europe,Canada and Mexico. I have traveled over the mountains of Utah and Idaho with a number of these geologists;but I don't know all yet. I have done much road work and had under me as high as 50 men on some of this work,including R.R.work iin Utah and Wyoming . However,it is not my intention to be on the job in these operations,except an occasional visit,but will have first class miners and a competent consulting engineer looking after these operations. At least one capable timber man will be numbered with those of each of these three opperations.

6. Estimated Costs:- From present appearances work on the vein and bed on the Thompson claims will have to be hand work ,or day's pay employees,at a wage of $15-$16 per man per day. We will need a bulldozer for at least two days,perhaps three,to remove the soil and gravel off of the bed of ore visible on the Valley View claim and also on the Wonder claim.The prevailing pay for bulldozer work is $7.50 per hour.

(b) As above stated,personal service will be limited to an occasional visit to each operation; My business will be to keep books,receive and disburse all moneys coming from any and all sources. Our mine supervisor will report to me weekly the names of employees and the amount they each have earned. I will attend to all insurance requirements and tax deductions on wages,unemployment deductions and payments and Social Security affairs. I do all these things in connection with another property I am operating.

(c) Contractors will furnish their own supplies. We may purchase their mining needs as they order them,but deduct the various amounts from their earnings on each payday. We usually pay for footage made every two weeks.Where men work by the day,we furnish all except board needs; they buy their own grubstake. Except on drilling contracts,we supply all tools and machinery. On the Thompson and Emery County claims we list the following:

Emery County:

1 Jaeger 2nd hand Compressor	$1,400.00Good.
Rental	110 per month.
1 Thor Jackhammer Good shape ...	200 .
1 50' hose	36.00
100' 3/4 iron pipe	2200
#27/8 drill steel 2' long	8.95
2 7/8 Drill steel 4' "	17.30
4 Timpkin bits	60.00
1.Jackleg	230.00
1 Wheelbarrow	15.00 - $20.
	$1,987.45.

Thompson Claims;

1 Jaegar Compressor ...	$1,600,
1.Jackhammer	200,
1.50' 3/4" hose	25,
100' 3/4" pipe	15 ,
1 Wheelbarrow	15,
1.Jackleg	200,
2.7/8 Drill steel	8.65
2.7/8 drill steel 4' long	17.30
2. Timpkin bits	30.00.
All let by your applicant .	$2110.95

THOMPSON CLAIMS

DMEA
DEPARTMENT OF THE INTERIOR
NOV 4 - 1957
REGION III
DENVER, COLORADO

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THE CALDERWOOD URANIUM CLAIMS

Thompson Claims.

1. Applicant's Property Rights:-

(a) Your applicant has six Uranium claims in Grand County, Utah, about 15 miles southerly from Thompson. They are not all contiguous, two of them being by themselves. The names of this group of claims are as follows:-

ORIGINAL LOCATIONS	LEGAL DESCRIPTION	AMENDED LOCATIONS
Gray Line, August 17, 1951 Book 9R, P286.	T 22 S. R 21 E, Sec. 31	Oct. 14, 1953. Book 12, P 33.
Black Line, March 7, 1951, Book 9-J P 570	" " " " " " "	Oct. 15, 1953. Book 12, P 34.
Tigar, March 20, 1951, Book 9J P 572.	" " " " " " "	Oct. 1953, Oct. 12. Book 12, P 25
Teaton June 23, 1951 Book 9K P 90	" " " " " " "	Oct. 10, 1955. Book 9N P294.
Wonder June 23, 1951 Book 9K P 91	T 23 S, R 20 E, Sec. 1.	Aug 12, 1955. Book 12, P 27.
~~WhiteTopp~~ White Top, Feb. 17, 1951, Book 9J, P 26.	T 23 S. R 20 E, Sec. 1	(Valley View) Oct. 10, 1953, Book 12, P 28.

(b) Besides names of claims, they are known as the Calderwood Claims.
(c) All of these claims were acquired by purchase.
(d) No mortgages or No mortgages, leins or other fiduciary claims against any of these claims.

2. Physical description:-

(a) In 1951 the original locator of the Gray Line claim did surface work on an iron showing by the location monument; A few pencil seams carried U308 which by Bureau of Mines test gave as high as 1.90%. These disappeared. In 1951 your applicant broke a piece the size of half-brk off from an outcropping that by Geiger counter test gave about 0.35% U308. In 1952 he had some Wagon Drillers sink one hole 20" and another hole 21", no U308 Reported. In 1953 a bull-dozer did enough work to satisfy all assessment requirements, and in 1954 trench work and breaking down the bank by the monument was done but showed no U308 except a trace. In 1956-57 drilling and blasting did the assessment work. On the Teaton claim the original locators made a short adit in the ledge by which they uncovered a carbonized tree with 1.90% U308. In 1952 your applicant and his son mined 500# of ore from that tree and along with other ore from another claim brought a net of $31 plus. On the Valley View claim the original locator said he mined 7 tons of U308 ore that averaged 0.35%. He made a trench 3' wide, 2½' deep by 35' long. near that trench an engineer in 1956 said he had discovered an sizable coin on that claim with U308 outcropping which, he said with a Cat he could open up high grade U308 in 3 days. On the Black Line and the Tigar the engineer said he found Neucleomiter action of U308, and on the Tigar is a bed of Vanadium also. On the Wonder is a trench 5' wide, 3½' deep by about 35' long. Along the west side of this trench we find radioaction mostly all of that distance. An A-1 geologist examined that claim and stated that this trench was not on the vein at all, and pointed out it position to my son. We have not done any work on that vein.

(b) All of these claims were purchased in my name, therfore all operations, directly or indirectly are done by me and my son and for us two.
(c) Except what is mentioned above under 2.(a) no other production has been made.
(d) None apart from what is stated in 2 (a) very little else has been done to report.
(e) As said, the geological formations on these claims are generally Morrison Sand. On one claim is party Brushy Basin with seams of Salt Wash in places.

3. Accessibility of Project: Fairly good roads lead onto most of these claims.
(b) All of these remaining questions are answered in regard to other groups of claims.
(c) see bottom of last page under Yellow Cat area and Emery County claims.

J.M. Calderwood,
825 SO. 10th East St.,
Salt Lake City 2, Utah.

J.H.Calderwood
625 So.10th East St/.
Salt Lake City 2,Utah.

2.Physical Description,Con..

(b) As part owner of these claims,I have made careful study of all of them and have directed considerable of the work done on these Thompson claims during the first two years operation. My son J.Wells Calderwood was in charge of all work from the fall of 1952 to August 1954. Most of this work was done as assessment work. We procured a compressor and jackhammer in June of 1952 with which we made three short adits on the Teaton claim. I took over five claims from Abe E.Day. From the Mayflower claim and the Teaton claim we mined and shipped 1700# of Uranium which brought us a little better than $31. We engaged Henry Rasmussen to work with J.Wells.They made a fine job leveling the floor of an incline on the Mayflower claim.They followed a bed of U3O8 quite a distance,but quit in order to do the assessment work for 30 or more claims elsewhere on our properties. Most of the ore we shipped came from two carbonized trees.This ore averaged 1.90% U3O8. We did considerable road work by use of a "cat". A few small seams bearing a trace of U3O8 are visible on top of the ledge formation.We had two fine geologists examine our claims.One of them said that the presence of U3O8 in those small seams suggested that the ore had come up from deeper levels and by drilling we ought to find out the size of the bed from which this trace of ore came from.

(c) The original locater of the White Top (Valley View) claim stated that he had mined 7 tons of U3O8from a trench he made along a vein on that claim which averaged 0.35% U3O8. By extending that trench a few feet southerly,my son uncovered a carbonized tree of rich U3O8. At other points in that trench we found bunches of good commercial U3O8 ore. A ton or more of mixed values is stockpiled at the North end of the trench. Two engineers and a Mr.Taylor found an outcropping vein of U3O8 on this claim;and another engineer in 1956 discovered a bed of U3O8 on a flat only a short distance from this trench.That bed,he said and from which he took samples,is 18-20' wide and 50' long. He rejected ALL high grade samples,and had chemically assayed the very poorest samles he could gather up. It brought 0.013%. Our plan is to begin our operations on this Valley View claim when money is available.My son and I,with an employee, widened a 6'x 4' x 40' trench on the Wonder claim.Most of the distance along the West wall of this trench gave showings of U3O8.A highly efficient geologist examined this claim. He said that our trench is not on the vein at all,and pointed out where it is to my son. We have not done any work as yet on that vein,but will do later.One engineer said his examination of all of our Thompson claims the Black Line,the Tigar,the Valley View and the Wonder claims are by far the most likely of producingcommercial ore.

(d) Most of my samples have been tested by the Bureau of Mines at Salt Lake City by radiometric test. I fail of locating any of them now,as I have had none assayed since 1954. I have three or four small sacks on hand tested by the Bureau of Mines. I will locate them.

(e) Most of our claims lie in the Morrison Sand. On one or two of the Thompson claims ,the surface is mostly the Brushy Basin formation,with extrusions of Salt Wash in places.Other than that,I think this (e) number is adequately answered.

(f) My reason for expecting to find commercial ore is predicated on the fact that I have the right formation in a favorable formation area.; that on a number of claims I have beds and veins of no mean potential; that no one knows or can know definitely where ore channels were when these uranium channels or deposits were made; at some mines they have foundrich ore on different levels,showing clearly that ores were deposited at different times many tensof thousands of years apart;that in areas near some of my claims they have made valuable mines;that where competent geologists have pronounced unfavorable for ore,they have made pay mines,etc,etc.

(g)As I said,I have read only two engineers'reports on my claims.One I borrowed and the other has rejected all high grade samples,which makes his report unsatisfactory. I am now endeavoring to secure a report from two of the men who discovered a favorable vein on the Valley View claim.

THE CALDERWOOD URANIUM CLAIMS

Thompson Area.

6. (g) Miscellaneous: See last sheet under Yellow Cat area claims, bottom of page.

7. State whether we are prepared to furnish our share of the costs for these operations:
(a) We are not prepared to furnish any amount of cash, having expended over $22,000 for claims, machinery, supplies and labor to date.

(b) We can furnish practically all machinery and tools for the Thompson operation; but we can't furnish money for the Bulldozer work. We will need new or second hand machinery and tools for the Emery County operation. As listed elsewhere, these needs are:

Western Machinery quote:

1 Thor jackhammer 2nd hand	$200	
1 Jaeger 2nd hand compressor.....	1400	
1 50' 3/4" hose	36	
100' 3/4" pipe	20	
2 7/8 drill steel 2' long.....	8.95	
2 7/8 drill steel 4' long	17.50	
4 Timpkin bits	60.00	
1 Jackleg (?) outside work ...	230.00	may not need.
1 Wheelbarrow for mucking use	15.00	
2 upright post 6' long 3" pipe ... Or a cross bar of same material 4' for support of jackhammer drilling.		
1. later two mine cars 18 cubapacity. with 12# rails		

J.M.Calderwood
825 S,10th East St.,
Salt Lake City 2,Utah.

Please note what Mr. Moody says about that whole basin on which my claims are located - his letter and map herewith sent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

January 20, 1958

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DMEA
RECEIVED JAN 23 1958

DATE	INITIALS	CODE
1/23	C	220
"	FLR	700

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4916 (Uranium) John M. Calderwood Valley View, et al., Claims, Grand and Emery Counties, Utah

This has further reference to my memorandum to you dated January 9, 1958, on the subject application.

We now find that the Applicant submitted an application on this same scattered claim group on September 8, 1952. That application was docketed DMEA 2703 and was denied January 29, 1953. A copy of the report of field examination was forwarded you January 29, 1953.

W H King
W. H. King

DMEA Form 7
(12-56)

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Date	Surname	Code
1/15/58	Knouse	700
"	Ellis	700
1/16	[illegible]	100
1-16	C	220
		700

JAN 16 1958

Mr. John M. Calderwood
825 South 10th East Street
Salt Lake City 2, Utah

Re: Docket No. DMEA-4916 (Uranium)
Valley View, et al., Claims
Grand and Emery Counties, Utah

Dear Mr. Calderwood:

Your application for Government aid to explore the above properties did not furnish the complete information as required on the application form. The specific information that we will require to process your application is underlined in red on the enclosed Form MF-103, Application for Aid in an Exploration Project, emphasizing the following items that require answers:

1. (a), (b), (c), (d), Applicant's Property Rights;

2. (a), (b), (c), (d), (e), (f), (g), Physical Description;

3. (a), Accessibility of Project;

4. (a), (b), (c), The Exploration Project;

5. Experience;

6. (a), (b), (c), (d), (e), (f), (g), Estimate of Costs;and

7. (a), (b), state how you will furnish your share of the cost.

It is not clear from your application and accompanying sketch map which of the claims you propose to include in the application and the specific location of the proposed work.

In order to process your application with a minimum of delay, you should furnish four copies of the above information, including maps.

Sincerely yours,

FLKnouse/gla
1-15-58
cc to: Admr.'s Reading File
THKiilsgaard, 5224
Mr. Knouse
DMEA Field Team, Region III (2)

Ernest Wm. Ellis, Director
Division of Rare and Miscellaneous Metals

8623

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

January 13, 1958

Mr. John M. Calderwood
825 S. 10th E. Street
Salt Lake City, Utah

Dear Mr. Calderwood

Subject: DMEA-4916

Your application for exploration assistance, dated January 2, 1958 submitted to our office at Denver, Colorado has been assigned Docket Number DMEA-4916 and referred to the Rare and Miscellaneous Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

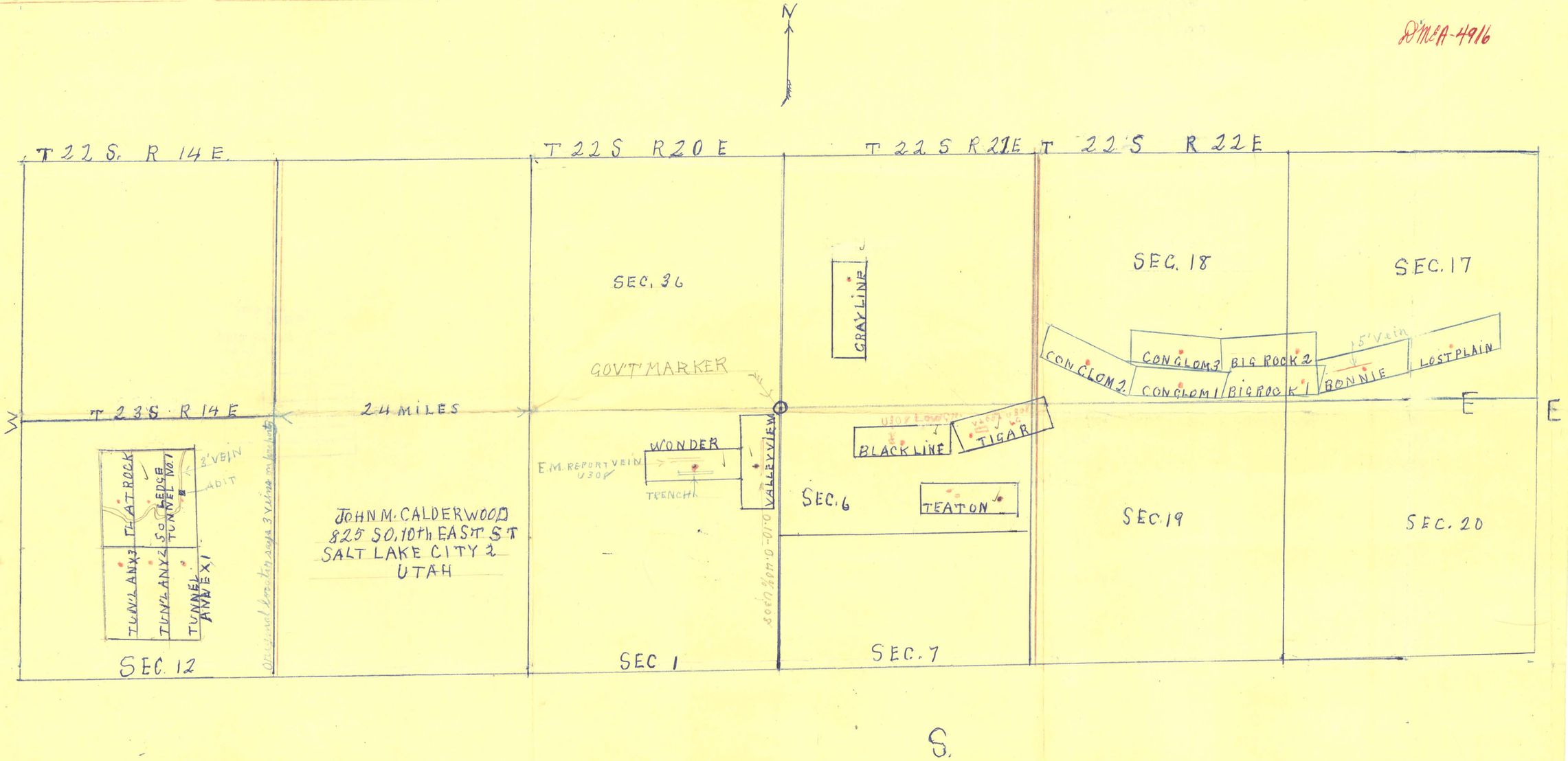
Sincerely yours,

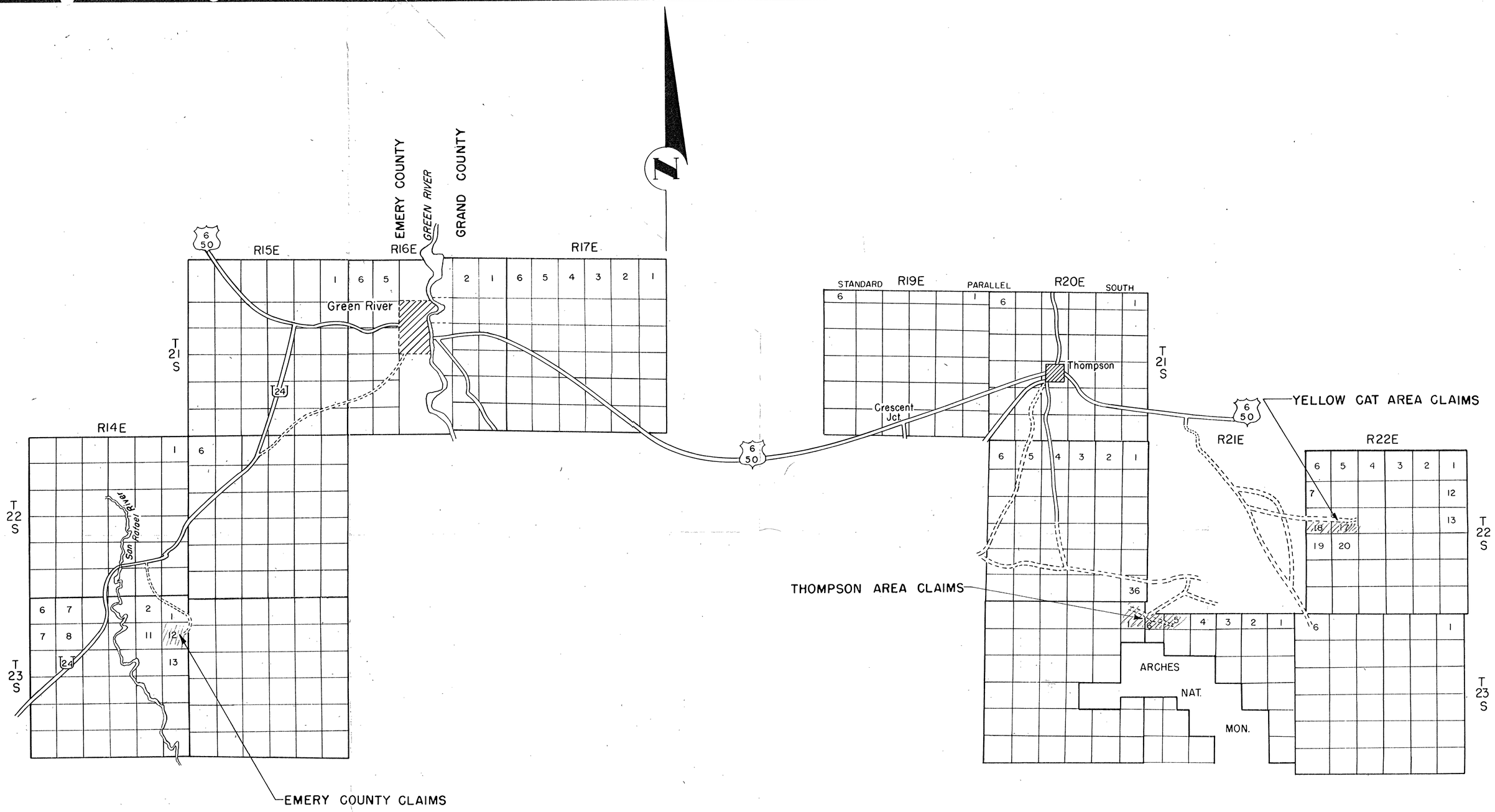
Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to:

Region III

DMEA-4916


N
T 22 S. R 14 E.
T 22 S R 20 E
T 22 S R 21 E
T 22 S R 22 E
SEC. 36
SEC. 18
SEC. 17
GRAY LINE
GOV'T MARKER
CONGLOM 2
CONGLOM 3
BIG ROCK 2
15' vein
LOST PLAIN
CONGLOM 1
BIG ROCK 1
BONNIE
W
T 23 S R 14 E
24 MILES
E
E
WONDER
E.M. REPORT VEIN U30
TRENCH
VALLEY VIEW
BLACK LINE
TIGAR
TEATON
SEC. 6
FLAT ROCK
LEDGE
TUNNEL No. 1
2' VEIN
ADIT
TUNNEL ANNEX 3
TUNNEL ANNEX 2
TUNNEL ANNEX 1
JOHN M. CALDERWOOD
825 SO. 10th EAST ST
SALT LAKE CITY 2
UTAH
Original location says 3 vein exhibits
SEC. 19
SEC. 20
SEC. 12
SEC 1
SEC. 7
S.



NOTE

DATA TAKEN FROM APPLICANT's SKETCH

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 2 DMEA Docket No.4916
Vicinity Map

JOHN M. CALDERWOOD
URANIUM CLAIMS
EMERY & GRAND COUNTIES, UTAH

ENGINEER: P.V. FILLO	DATE: MARCH 31, 1958
TRACED: MAR. 58, BY: R.L.D.	1900-445-C
CHECKED:	