DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E NO._____

DMEA NO. 495

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

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

Right Side

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

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

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [ ] 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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

DMEA
RECEIVED MAR 6 1958
DATE | INITIALS | CODE

February 28, 1958

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

Re: New Application (Thorium)
Carroll W. Wells
Ruby Red Claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are the original and two copies of an application for DMEA assistance to explore for thorium and rare earth minerals in sections 2 and 3, T. 17 N., R. 25 E., B.M., Lemhi County, Idaho, submitted by Carroll W. Wells.

Another application from the same applicant, Docket No. DMEA-4932, has been referred to the field and is scheduled for examination March 4, 1958. The enclosed application was received before our field men left the office and therefore, if the property is accessible, it will be examined during this trip.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

Enclosures

cc: USBM (2)
Alvord

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 6 1958
DATE | INITIALS | CODE

Salmon, Idaho
February 26, 1958

DMEA Field Office
Region I
South 157 Howard St.
Spokane 4, Washington

Subject: Ruby Red Claims-26

Gentlemen:

This is in reference to my application for exploration sent to you in an earlier mail today, by Certified Mail, receipt # 7154148, in which a mistake was made in the figures on item 5., and 6. (b). This is an amendment to that application relative to those two items.

5. I have had had 25 years experience in mining activities, rather than the 5 mentioned.

6.(B) On the Survey, the chain man and the rod man would require a wage of $20.00 per man per day, making a total of $40.00 per day, and for two days, a sum total of $80.00, which added to the amount mentioned for the survey work, would make the total for survey $160.00.

Hope this catches up with the other papers, and this is my authorization for you to change the figures in said application.

Thank you.

Yours respectfully,

Carroll W Wells

Carroll W. Wells
Box 541
Salmon, Idaho

RECEIVED
FEB 28 1958
U. S. G. S.
SPOKANE, WASH

Form MF-103
Revised Oct. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

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)

Carroll W. Wells
Box 541
Salmon, Idaho

RECEIVED
MAR 6 1958

RECEIVED
Certified Mail
FEB 28 1958
7154148
U. S. G. S.
SPOKANE, WASH.

APPLICANT NOT TO USE THIS BLOCK

Docket Number	4951
Date Received	3-6-58
Government Participation %	50%
Region	I
Division Code	700

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [ ]
- Partnership [x]
- Other (Specify) [ ]

State in which firm is organized: Idaho

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Carroll W. Wells	Box 541-Salmon	Part owner--50%
Wilson Ellis	Salmon, Idaho	" " --25%
Ernest Woodman	" "	Part owner--25%

Mineral(s) for which you wish to explore: Thorite Thorium & rare metals

Estimated Cost of Project: $ 62,968.00

LOCATION OF PROPERTY

Name	County	State
Ruby Red	Lemhi	Idaho

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order-I, Revised, "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.

2/26/58
Dated

Carroll W Wells
BY *(Signature)*

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, Revised.

(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.-DUP. SEC., WASH., D.C. 25960

Red Ruby Claims

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 6 1958
DATE INITIAL CODE

1. (a) State legal description-- attached
(b) Ruby Red Claims-- 26 Claims
(c) Partner-- 50%
(d) Parts or encumbrances on property
(e) Not be in detail-illustrate with maps & sketches-attached-No operations yet

2. (a) No production or activity to date, except in prospecting stage
(b) Deposits undeveloped as yet
(c) Geologic formations are in quartzite
(d) Good permanent outcroppings on surface of Thorite thorium & rare metals, good [illegible] of ore. Long well-defined ore zones. This area has largest & best thorium deposits in the world, & I wish after this exploration is completed, if the Government engineers see fit, to build a mill well sufficient in size to handle this ore & custom ore at the rate of 50 Tons a day. These two properties, Montana Special (application on these claims made previously, and waiting for word at present), and Ruby Red, will speak for themselves after development is complete, and will be outstanding properties in this vicinity. Therefore, I would wish and pray for your consideration of all considerations that may be given in following up of a thorium mill. These properties lie in an area that can be worked the year round, whereas many properties lie on the Continental Divide. These large deposits lie at the foot of the Continental Divide. The location of any mine is half its success in operation. Also, these properties have a very large deposit of very fine ore. I feel sure that each of these three places I wish to drift will stand out for itself & will be encouraging for the next drift.
(g) None at hand

3. (a) Accessability- I, Carroll W. Wells, will meet any DMEA representative, and take him to same. The property lies 34 miles SouthEast of Salmon, on the North Side of Lemhi Valley, turn up Peterson Creek, travel through the Yearian ranch, and claims are about a quarter of a mile above the forks of Peterson Creek, on the left hand fork from the Yearian ranch, up the Creek, as legal description informs you. The phone number of Carroll W. Wells is 3294.
(b) Shipping and supply points would be Salmon, also employees residences would be Salmon, approximately 34 miles from the workings.

4. (a) Attached sketches- Trenching will be done first, to find out just how the ore does lie, and approximately 500' of trenching, six to eight feet wide, in several trenches, to find where it would be most advantageous to run the drifts, and in what directions. It will be to advantage to run about three drifts 5' x 7' x 200'.
(b) Access road is there from the main road at presemt but will be improved, and coincided with the trench work, will be only about a quarter or half mile long, to reach property, and will be built with a D7 Cat.
(c) With approval from you work will start within ten days, and will take about two years to complete to satisfaction. On trenching 2 men can approximate 6' to 8' a day, and on the drift, 2 men can make 3½' a day, considering the timber work that will need to be done.

No sketch enclosed

* 5. (a) I have had 15 yrs. experience in mining, have studied geology, minerology, and assay; was a technical operator for the Government at BMI Plant, Las Vegas, Nev., and had charge of all inbound and outbound raw materials, & was meteorologist for the 4 years I was there.

6. (a) None
*(b) Survey of mining properties-Surveyor-$30.00 daily, two days-- $60.00, 2 helpers, chain man & rod man at $10.00 each per day, two days--$80.00, 2 horses, 1 saddle horse, and 1 pack horse, at $5. daily--$20.00. Believe it is essential to have this done. All partners will do balance of services along the personal line, unless it becomes necessary to bring in geological engineers.
(c) Rail spikes, spikes, 100# 60 penny spikes, fuse caps, unions for 2" pipe collars, and for 3/4" pipe. Different size nails, parts you may have to buy, fish plates, bolts, miners lamps, axes, picks, shovels, bars, carbide, etc., incidentals-$800.00. Also to include Jack legs (2), and 1 Jack Hammer.

* See letter attached.

(d) To build one building 10' x 20' for living and storing-- rough lumber 10,000 ft., at $80.00 a thousand; doors, windows, roofing, nails-$800.00, making a total of $1600. for the building, which will be built after the cat work is done. We figure the D7 Cat will be used for 30 days, at $100. for each 8 hours work, or $3,000. for hire. Trenching and open cut work is estimated at $8.00 a foot, and will amount to $4,000. Three drifts of 200 feet each (600) at $40.00 a foot will be $24,000.00. Two mining cars at $100.00 each--$200.00, 1 mucking machine-$700.00, 150 feet air hose-$100.00, 150 feet of water hose-$100.00, two tons mining rail at $175.00 a ton(20# to foot)--$350.00, 1000 ft. galv. air pipe at 1.00 ft.--$1,000.00, 1500 ft. glav. water pipe at 30¢ foot--$450.00, mining timbers-$800.00, mining steel & bits--$900.00, Track ties--$400.00, 1 #315 Diesel compressor- rented by month for 24 months at $500. monthly--$12,000.00, 1 Jeep to use in mining operation $2200.00, Giant powder40%- 50# every 10 feet of drift, at $16.00 for 50#--$960.00.

(e) No existing buildings or rehabilitation

(f) New building described in 6.(d), and I will supervise these operations.

(g) Miscellaneous- Gas, 20 gals, day over a two year period at 35¢ gallon-$4270., oil 2 qts day over two year period-$610., diesel 20 gals. day for two years-$$2318. Insurance for employees for the two year period--$450.00.

7. (a) I will put in my share of expenses in accordance with regulations on Government participation as stated, and keep and send in monthly records and reports, so that I may be reimbursed in the proportion extended by the Government.

(b) I will carry out this contract, furnishing most of the equipment, and working a shift myself each day, figuring $25.00 daily as a fair reimbursement to myself.**

** Under Miscellaneous, accountant for paper work may be needed occasionally.

** Credit references may be given by:

Idaho First National Bank
R. R Keirnes
Havemann Hardware
Fred Snook, Attorney — All of Salmon, Idaho

Ruby Red No. 1 to 24 inclusive, of record in the office of the Lemhi County Recorder of Lemhi County, State of Idaho, in Book 9 of Mining Claims at pages 105, 105-106, 106, 107, 107-108, 108, 109, 109-110, 110, 111, 111-112, 112, 113-114, 114-115, 115, 115-116, 116-117, 117, 118, 118-119, 119, 120, 120-121 and 121, respectively.

PHONE 3169

P. O. BOX 111

HUGH M. COINER

SURVEYOR

SALMON, IDAHO

Feb. 24, 1958

To Whom it May Concern;

The Ruby Red Claims belonging to Carrol Wells, Ernest Goodman, and Wilson Ellis are located in Sections 2, and 3, T. 17 N., R. 25 E. B. M. as taken from aerial maps.

Hugh M. Coiner

Hugh M. Coiner

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/1 5/58	Murphy	700
7/16	Knowd	700
7/16	Martin	130
"	Johnson	110
"	Mittendorf	100
		220
		225
7/16	Lamb	130
7/16	Kiilsgaard	130

JUL 16 1958

Mr. Carroll W. Wells
Box 541
Salmon, Idaho

Re: Docket No. DMEA-4951
(Thorium and rare earths)
Ruby Red Claims
Lemhi County, Idaho

Dear Mr. Wells:

We regret that we were unable to completely process your application for exploration aid prior to June 30, 1958, the termination date for approving new contracts, as announced by the enclosed copy of a news release of June 6, 1958.

However, had the processing been completed, we would have been unable to approve a project based upon the information available to us in Washington concerning your property.

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

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosure

FMMurphy/gla
7-15-58
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
FMMurphy
DMEA Field Team, Region I (2)

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/9/58	Murphy	700
7/9	Kudirka	700
		130
		110
		100
		220
		225

Mr. Carroll W. Wells
Box 541
Salmon, Idaho

Re: Docket No. DMEA-4951
(Thorium and rare earths)
Ruby Red Claims
Lemhi County, Idaho

Dear Mr. Wells:

As announced by the enclosed news release of June 6, 1958, the termination date for consideration of applications under the Defense Minerals Exploration program was June 30, 1958. Unfortunately, the processing of your application for aid in an exploration project on the above-named claims could not be completed prior to such termination date.

All information available to us in Washington concerning your property has since been carefully reviewed. It is our conclusion that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. Therefore, had final action been taken prior to June 30, your application would have been 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,

Administrator

Enclosure

FMMurphy/gla
7-9-58
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
FMMurphy
DMEA Field Team, Region I (2)

8623

Docket copy

Murphy

July 9, 1958

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No.: DMEA-4951

Commodity: Thorium-rare earths

Amount of application: $62,968.00

Applicant: Carroll W. Wells (Part owner - 50%)
Box 541
Salmon, Idaho

Others: Wilson Ellis (Part owner - 25%)

Ernest Woodman (Part owner - 25%)

Property Rights: Owners of Ruby Red claims Nos. 1 through 24, situate in secs. 2 and 3, T. 17 N., R. 25 E., Boise meridian, Lemhi County, Idaho

Date of application: February 26, 1958

Referred to Region I: March 13

Field examinations made: First attempted April 8, but property covered with snow. Second examination completed May 10.

Field Team Report recd.: June 30, 1958

Work Proposed: Explore the property by hand trenching, bulldozer cuts, and three 200-foot drifts.

Estimated Costs:

Survey of property	$120.00
Materials and supplies	800.00
One building	1,600.00
Dozer rental, 30 days	3,000.00
Hand trenching	4,000.00
Drifting, 600 feet @ $40/ft.	24,000.00
Equipment (purchase)	8,160.00
Compressor (rental)	12,000.00
Miscellaneous	9,288.00
Total	$62,968.00

Excerpts from Report of Examination,
by Donald C. Alvord, USGS.
Note: On first examination E. W. Parsons, USBM, visited the property with Alvord. On the last examination, C. W. Wells and Wilson Ellis, applicants, and Alvord, USGS, were on the property for about 10 hours.

The claims lie on steep grass-covered slopes and ridges in the upper foothills of Beaverhead range, about 12 miles, by road, from the town of Lemhi.

The property is underlain by gently to moderately dipping beds of quartzite and argillite of Precambrian age. These rocks are cut by narrow, discontinuous veins of quartz which range from a few feet to 100 feet or more in length. Locally, the veins contain abundant iron oxides, and in places they are radioactive. The veins have been prospected by a few hand-dug pits and some dozer trenching, but these exposures are now largely sloughed. Four samples were taken of the more radioactive and better looking material from three fairly widespread localities on the property. None of the samples contained more than a trace of combined rare-earths oxides or thoria. Alvord notes that, where examined, the claims do not contain potentially significant reserves of thoria or rare earth oxides.

Alvord and the Field Team recommend that the subject application be denied.

Commodity Members' Comments:

In memoranda, dated July 2 and 7, 1958, James Paone, USBM, and N. E. Nelson, USGS, respectively, recommend that the application be denied.

Division of Rare and Miscellaneous Metals:

F. M. Murphy, July 9, 1958.

The most favorable trench exposures and discovery cuts known to the applicant were examined and the four samples taken from the best mineralized areas failed to show significant amounts of rare earths or thorium. Therefore, it appears that the subject property has nothing that could justify the exploration work proposed.

Conclusions and Recommendations:

This Division agrees with the findings of D. C. Alvord in regard to the subject claims and concurs in his and the Field Team's recommendation that application DMEA-4951 should be denied.

F. L. Knouse

F. L. Knouse
Acting Director,
Division of Rare and
Miscellaneous Metals

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 8 1958
DATE | INITIALS | CODE
7/9 | B | 220
7/9 | FMM | 700
Complete

IN REPLY REFER TO:

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

July 7, 1958
Re: DMEA 4951
Carroll W. Wells
Ruby Red Claims
Lemhi County, Idaho
$62,968 - Thorium

Memorandum

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

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

Subject: Review of Field Team Report

The applicant requested assistance in exploring long well-defined zones within which, as stated, are found enough thorium and rare metal minerals to constitute good grade ore. No results of sampling and assaying that would support the statement were given.

The examiners found that rocks of the Belt series..."are cut by a few narrow, discontinuous lenses of vein quartz ranging from a few feet up to 100 feet or more in length, and from about an inch to a foot or slightly more in width. Besides quartz, they contain hematite, magnetite, and goethite. Locally they are abnormally radioactive. No uranium or thorium minerals were noted, but occurrences within the region, similar to those in the Ruby claims, are known to contain thorite and it is inferred that the radioactivity of these structures is chiefly due to thorite and possibly hydrothorite. Background of both the country rock and the quartz veins is 0.05 plus or minus 0.025 MR/hr. The highest radioactivity noted was 1.0 plus or minus 0.1 MR/hr."

Three localities were examined. Of the three samples taken not one contained over a trace of rare-earth oxides plus thoria.

The examiners recommend that the application be denied. I concur with the recommendation.

N. E. Nelson

N. E. Nelson

OFFICE
DMEA
RECEIVED JUL 3 1958

DATE		CODE
7/3/58	B	220
7/3	Knowe	700
"	Murphy	
	Hedrick	

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

Date July 2, 1958

DMEA Docket No. 4951
DMEA Contract No.
Commodity Thorium-Rare Earths
Name of Applicant Carroll W. Wells
Name of Property Ruby Red Claims
Location of property Lemhi County, Idaho
Estimated cost of project $62,968.00

Memorandum

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
(Applications, Field Team Report, etc.)

1. Date of subject document: 6/27/58. 2. Date received by reviewer: 6/30/58

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 examination ☐
h. Approval ☐
i. Consult with Mr. _____ at _____ AEC Office

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

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 30 1958

DATE	INITIALS	CODE
6/30	C	220
7/2	[illegible]	130
7/3	C	220
	FMM	700

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington
June 27, 1958

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

Re: Docket No. DMEA-4951 (Thorium-Rare Earths)
Carroll W. Wells
Ruby Red Claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of an application examination report by Donald C. Alvord, Geologist, Geological Survey, on this property.

Quartzite and argillite beds of Precambrian age are cut by quartz veins that locally contain abundant iron oxides. In places the veins are radioactive. Four samples of the more radioactive material were taken from three localities, but none of them contained more than a trace of combined thoria and rare earths.

Alvord concluded that the chance of making a significant discovery of thorium or rare-earth minerals is poor and recommends that the application be denied.

We concur with Alvord's conclusions and recommendations.

By Field Team, Region I

Thomas E. Howard
for Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren
Donald R. MacLaren, Acting Member
U. S. Geological Survey

Enclosures
cc: USBM(2)
USGS(SRO)
Alvord

Reviewed by
DMEA OPERATING COMMITTEE
7-2-58
(date)

ON-SITE EXAM

DMEA

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DMEA
RECEIVED JUN 30 1958

DATE	INITIALS	CODE
7/2	[illegible]	130
		220

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

June 24, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: Donald C. Alvord, Geologist, U. S. Geological Survey

Subject: Application Examination Report, Docket No. DMEA-4951 (Thorium-Rare Earths), Carroll W. Wells, Ruby Red Claims, Lemhi County, Idaho

INTRODUCTION

An application for Government aid to explore the subject claims was received from Carroll W. Wells, Wilson Ellis, and Ernest Woodman, all of Salmon, Idaho, on February 28, 1958. The applicant proposes to explore 3 structures with approximately 500 feet of hand-dug trenches, followed by 3 adit drifts of 200 feet each, located according to the results of the trenching. In addition, some surveying, a building for dwelling and storage, road construction, etc., are included with the proposal. The total estimated cost is $62,968, of which the Government's share would be 50 percent or $31,484.

The author attempted to examine the property on April 8, 1958, in company with E. W. Parsons, Mining Engineer, Bureau of Mines, and Carroll W. Wells, the applicant. Snow, much of which had fallen the week immediately prior to the examination, covered the upper reaches of the property and only the lowermost of the three target structures could be examined. The examination was completed on May 10, 1958, by the author in company with Carroll W. Wells and Wilson Ellis, applicants. By this time the property was nearly free of snow. The most favorable trench exposures and discovery cuts known to the applicant were examined and four samples were taken. About 10 hours were spent on the property.

SUMMARY AND CONCLUSIONS

The property is underlain by gently to moderately dipping beds of quartzite and argillite of Precambrian age. These rocks are cut by narrow, discontinuous veins of quartz which range from a few

Reviewed by
DMEA OPERATING COMMITTEE
7-2-58
(date)

feet to 100 feet or more in length. Locally, the veins contain abundant iron oxides, chiefly hematite and in places they are radioactive. The veins have been prospected by a few hand-dug pits and some dozer trenching, but these exposures are now largely sloughed. Four samples were taken of the more radioactive and better looking material from three fairly widespread localities on the property. None of these samples contain more than a trace of combined rare-earth oxides plus thoria. Where examined, the Ruby group of claims do not contain potentially significant reserves of thoria or rare-earth oxides.

RECOMMENDATION

It is recommended that the application be denied.

LOCATION AND ACCESSIBILITY

The Ruby Red group of claims is in secs. 2 and 3, T. 17 N., R. 25 E., Boise meridian, unsurveyed, Lemhi County, Idaho (fig. 1). It is accessible from Lemhi, Idaho, by traveling 7.5 miles south along old State Highway 28 to the Peterson Creek turnoff, thence traveling northeastward about 4 miles up Peterson Creek past the Yearian ranch house to the lower portions of the property. Snowfall is moderate and the road beyond the ranch is normally closed from around early December through April or May.

PROPERTY RIGHTS

The applicant controls 24 claims known as the Ruby Red group, which were located by Carroll W. Wells, Ernest A. Woodman, and Wilson P. Ellis, the applicants. These claims are recorded in the County Recorder's Office, Lemhi County, Salmon, Idaho, as follows:

Claim	Book	Page	Claim	Book	Page
Ruby Red No. 1	9	1105	Ruby Red No. 13	9	113-114
- 2	9	105-106	-14	9	114-115
- 3	9	106	-15	9	115
- 4	9	107	-16	9	115-116
- 5	9	107-108	-17	9	116-117
- 6	9	108	-18	9	117
- 7	9	109	-19	9	118
- 8	9	109-110	-20	9	118-119
- 9	9	110	-21	9	119
-10	9	111	-22	9	120
-11	9	111-112	-23	9	120-121
-12	9	112	-24	9	121

DESCRIPTION OF THE PROPERTY

The Ruby Red group of claims is on steep grass-covered slopes and ridges in the upper foothills of the Beaverhead Range. In general, the portions of the hills included in the claims slope from 25° to 35° southward towards the Peterson Creek drainage, but locally they are much steeper. Outcrops are sparse, the overburden consisting of 1-10 feet or more of slope creep detritis. Discovery cuts and dozer trenches are present on most or all of the claims; otherwise the property is unimproved.

HISTORY AND PRODUCTION

The claims were staked and prospected during the summer of 1957. No ore has been produced.

THE APPLICANT

The applicant is a partnership, consisting of Carroll W. Wells, Wilson Ellis, and Ernest Woodman, all of Salmon, Idaho. Messrs. Ellis and Woodman have been part-time prospectors most of their lives. Mr. Wells has had some experience as a prospector, but his reputation in the Salmon area indicates that most of his time at mining has been spent in promotional endeavor. He was turned down previously by DMEA on a tungsten application (Docket No. DMEA-2164) and also on a thorium application (Docket No. DMEA-4932) and he will probably protest a denial of this application.

GEOLOGY

The Ruby Red claims are underlain by Precambrian metasedimentary rocks that belong to the Belt series. The rocks are generally thick-bedded, ranging from 6 inches to a foot or more in width and consist of interstratified beds of quartzite, phyllite, and, locally, siliceous argillite. The beds are variegated ranging from buff to grayish-buff, greenish-gray, light brown, and, in places, reddish chocolate brown. They are only slightly folded and in general strike between N. 10° E. and N. 35° E., and dip between 10° and 25° W. Schistosity is well-developed in the phyllite and argillite but is almost nonexistent in the quartzite beds. Jointing is everywhere prominent.

The rocks are cut by a few narrow, discontinuous lenses of vein quartz ranging from a few feet up to 100 feet or more in length, and from about an inch to a foot or slightly more in width. Besides quartz, they contain hematite, magnetite, and goethite. Locally they are abnormally radioactive. No uranium or thorium minerals were noted, but occurrences within the region, similar to those in the Ruby claims, are known to contain thorite and it is

inferred that the radioactivity of these structures is chiefly due to thorium in thorite and possibly hydrothorite. Background of both the country rock and the quartz veins is 0.05 plus or minus 0.025 MR/hr. The highest radioactivity noted was 1.0 plus or minus 0.1 MR/hr.

Under item 2(f) the applicant describes his showings as follows: "Good, permanent outcroppings on surface of thorite, thorium, and rare metals, good grade of ore. Long well-defined ore zones. This area has largest and best thorium deposits in the world * * *." At the beginning of the examination, Mr. Wells stated that the areas of principal interest are at three localities, included approximately by the Ruby Red No. 3, Ruby Red No. 13 through 15, and the Ruby Red No. 25 claims. The above-cited localities are herewith described in the order of examination.

Ruby Red No. 25.--This claim, at an estimated altitude of 6,000 feet, includes the lowermost of the 3 areas of principal interest. It is on a steep hillside which slopes about 35° S. Development consists of two or three short dozer trenches and a few hand-dug pits. The rocks are cut by a few narrow discontinuous lenses of vein quartz ranging from a few feet up to about 20 feet in length and from an inch to a foot or slightly more in width. These structures strike N. 60° W. and dip from 65° to 80° S. The only abnormal radioactivity noted appeared to be localized along both the hanging wall and footwall sides of the quartz veins, but this was only 2-4 times background. The highest radioactivity noted was only 0.2 plus or minus 0.05 MR/hr and this could only be measured over an area of about 1 square foot of country rock on the footwall side of a quartz lens, which, as exposed by natural erosion, was only 10 feet long and about a foot wide. No material worth sampling was noted.

Ruby Red No. 3.--This claim is perhaps three-quarters of a mile northeast of the Ruby Red No. 25 and is perhaps 1,000 feet higher in altitude. It is on a steep hillside sloping about 30°-35° S. A series of shallow, hand-dug cuts strung out over a length of 120 feet expose a narrow, discontinuous lens of vein quartz which trends N. 33° W. and dips steeply to the north. The vein appears to fill a joint fracture and replace the wall rock. It is fairly continuous but thins in and out; locally, it is up to a foot wide, but the average width is probably less than 6 inches. The vein is largely concealed by float between cuts and the cuts are partially sloughed. However, there is considerable vein material, consisting of quartz with hematite and goethite, present on the dumps. Radioactivity at this vein ranges up to 1.0 plus or minus 0.1 MR/hr, but in general it is much lower, most of the radioactivity being comparable to the veins of the Ruby Red No. 25. Two samples were taken--one from near the east end of the structure and one from near the west end. Sample No. RR-1 was cut from the structure across a

width of 0.5 foot where the radioactivity was highest and where the material, on a basis of iron oxides, appeared to be the better grade. This contained only a trace of combined rare-earth oxides plus thoria. Sample No. RR-2 was taken off a dump, the pit of which was completely sloughed. Only the best looking and most radioactive rock was sampled, but it contained only a trace of rare-earth oxides plus thoria.

Ruby Red No. 13 through 15.--These claims are located about three quarters of a mile to the northwest of the Ruby Red No. 25 near the top of a westerly trending ridge and about 2,000 feet higher than the Ruby Red No. 25. Considerable drifted snow was present at the altitude of these claims. The Ruby Red No. 13 is explored by three dozer cuts. All of these cuts are badly sloughed and only one showed radioactive quartz vein float. Partial exposure indicates that a vein is present which trends either N. 80° W. or S. 40° W. The width is indeterminate, but at least one vein about a foot in width is present. The mineralized zone is probably about 60 feet in length, but its width may range from 5 feet to 30 or 40 feet. A number of small quartz veins may cut the rock underlying this area, but the total amount of quartz vein may represent only 5 or 10 percent of the area. Sample No. RR-4 was cut at various points from incomplete exposures of the more radioactive portions of the quartz veins. Mr. Wells cut this sample himself and following my suggestion took only the most radioactive and more strongly mineralized looking rock. It contained only a trace of rare-earth oxides plus thoria. On the Ruby Red No. 15 there is a south-trending gully which contains abundant iron-stained quartz float. The upper portion of the gully was covered by a large snowfield and according to Mr. Wells the source of the float came from an outcrop underneath this field. Sample No. RR-3 was taken by Mr. Wells of the higher grade float in the gully. It contained only a trace of rare-earth oxides plus thoria.

APPLICANT'S PROPOSAL

As an approval is not recommended, the applicant's proposal need not be discussed.

Enclosure
Distribution:
DMEA(3)
USEM(2)
USGS(SRO)
Docket
Alvord

UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Docket No DMEA -4951

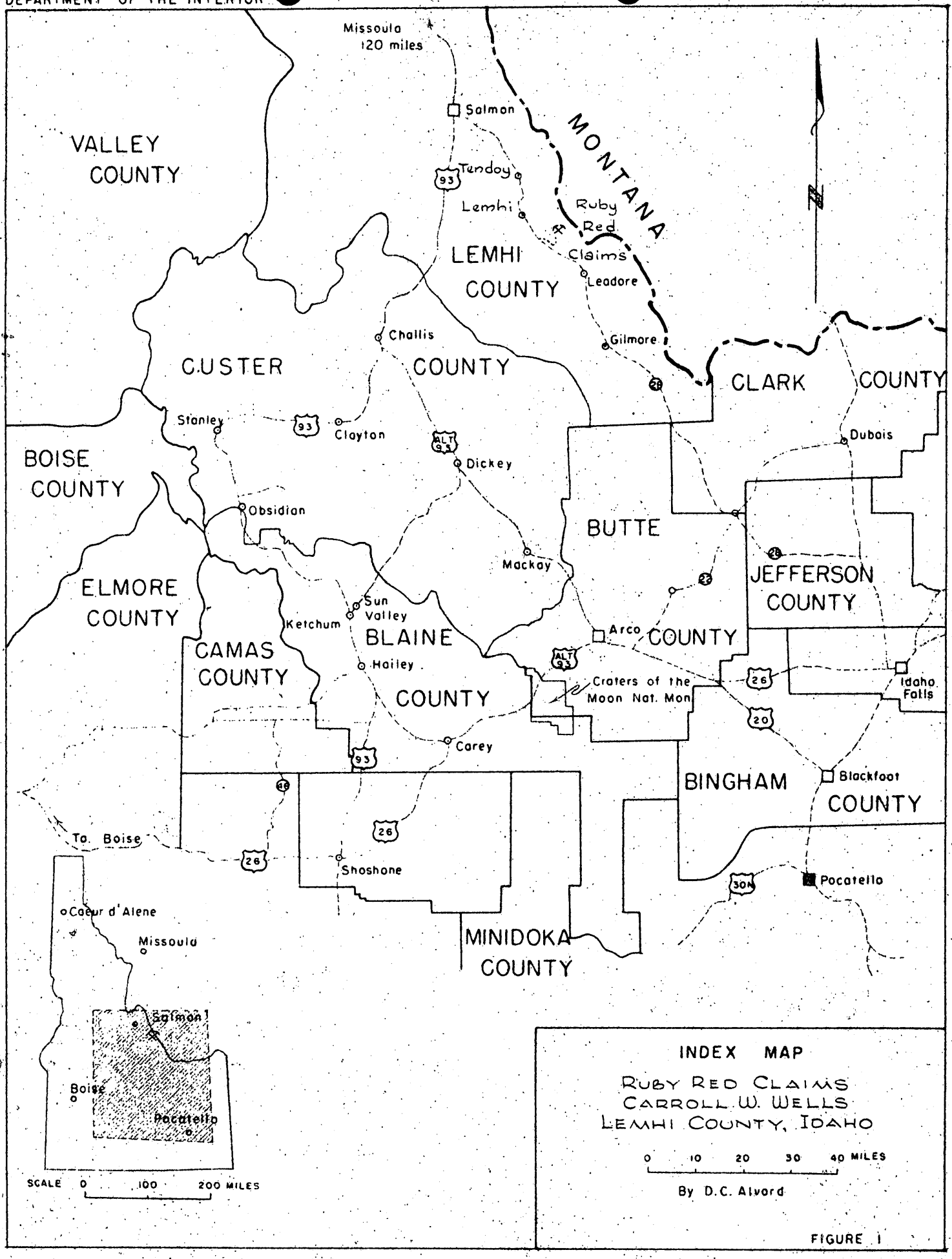

FIGURE 1

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Date	Surname	Code
5/21	Murphy	700
5/21	Ellis	700
"	Johnson	110
"	Charlestonb	100
5/22	Hyer	220
		700

MAY 21 1958

Mr. Carroll W. Wells
Box 541
Salmon, Idaho

Re: Docket No. DMEA-4951
(Thorium and rare earths)
Ruby Red Claims
Lemhi County, Idaho

Dear Mr. Wells:

This is to acknowledge your letter of May 15, 1958, relating to applications Docket Nos. DMEA-4932 and 4951.

In a letter, dated May 14, 1958, addressed to you, application DMEA-4932 was denied. Our decision with regard to application DMEA-4951 is pending a re-examination of the property by our Field Team. The prior examination, made April 8, 1958, was considered incomplete since a large part of the area was covered by snow.

You will be advised of our decision with regard to application DMEA-4951, as soon as the additional information pertaining to the property has been received and reviewed.

Sincerely yours,

C. O. Mittendorf

Administrator

FMMurphy/izm 5-21-58
cc: Mr. Murphy
Admr.'s Reading File
DMEA FT Reg. I (2)

8623

DMEA
RECEIVED MAY 19 1958
DATE
5-19 C 220
FMM 700

Salmon, Idaho
May 15, 1958

United States Department of Interior
Defense Minerals Exploration Administration
Washington 25, D.C.

Att: C. O. Mittendorf, Administrator

Dear Mr. Mittendorf:

FT report not rec'd.

In regards to my two applications for mineral exploration, under Docket no. DMEA-4951, and Docket no. DMEA-4932, I am anxious to know if any further develpments or decisions have been made? The weather is just right for starting the work, the unemployment picture here in Salmon is such that I could have the pick of some of the best workers at the present time, and due to the fact that it is time for work to open up, or the workers to migrate to the points where they can find employment, therefore, losing the best, or those with the necessary ambition to do the work, I would naturally like to have some word, if there is any chance that I will be permitted to do this exploration work.

Denied 5/14

Hoping to hear from you in the very near future, and naturally, hoping that it is in the affirmative, I remain

Yours very sincerely,

Carroll W. Wells

Carroll W. Wells
Box 541
Salmon, Idaho

c.c. Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region I
Spokane 4, Washington

CWW/rdk

Official

J 30744

4951

So. 157 Howard Street
Spokane 4, Washington

April 15, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: Donald C. Alvord, Geologist, U. S. Geological Survey

Subject: Attempted application examinations in the Central Idaho Region

The author accompanied by E. W. Parsons of the Bureau of Mines attempted three application examinations of properties located within a few miles of each other in the Beaverhead and Lemhi Ranges along the Lemhi River drainage near Salmon, Idaho.

These examinations were to be made on the 8th, 9th, and 10th of April, but due to a cover of snow, much of which fell on April 4 and 5, only one examination was attempted. The Ruby Red Claims of Carroll W. Wells, Docket No. DMEA-4951 (Thorium-Rare Earths), were partially examined on the morning of April 8, but snow prevented a complete evaluation of this property. On the afternoon of April 8 representatives of Tidal Wave Mining, Inc., Docket No. DMEA-4927 (Lead), Athaleen, et al. claims, and of the Agency Creek Thorium and Rare Metals Corp., Cago Lode Claims, were contacted regarding the possibility of examining their properties that week. Both groups were firm in the opinion that it would be at least 2 or 3 more weeks before sufficient snow would be gone from their properties to permit an adequate examination. All three applicant groups have agreed to inform the Field Team at Spokane as soon as their properties are clear of snow.

Distribution:
DMEA (3)
USBM (2)
Docket
Alvord

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

April 25, 1958

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DMEA
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Hazel has copy.

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

Dear Mr. Selfridge:

Enclosed are three copies each of two memorandums by Donald C. Alvord, Geologist of the Geological Survey, reporting on his attempts to examine several properties in the Central Idaho region. One memorandum covers an incomplete examination of the Ruby Red claims of Carroll W. Wells, Docket No. DMEA-4951.

We are sending these to you to keep you up to date on the attempted processing of application examinations in this region.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

Enclosures

cc: USBM (2)
Alvord

OFFICIAL FILE COPY
DMEA
RECEIVED APR 28 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

April 15, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: Donald C. Alvord, Geologist, U. S. Geological Survey

Subject: Attempted application examination, Docket No. DMEA-4951 (Thorium-Rare Earths), Carroll W. Wells, Ruby Red Claims, Lemhi County, Idaho

An application for Government aid to explore the subject claims was received from Carroll W. Wells, Wilson Ellis, and Ernest Woodman, all of Salmon, Idaho, on February 28, 1958. The applicant proposes to explore 3 favorable structures with approximately 500 feet of dozer trenching followed by 3 adit drifts of 200 feet each, located according to the results of the trenching.

The author attempted to examine the property on April 8, 1958, in company with E. W. Parsons of the Bureau of Mines, and Carroll W. Wells, applicant. Snow, much of which had fallen the week immediately prior to the examination, covered the upper reaches of the property and only the lowermost of the 3 target structures could be examined. Following examination of the lowermost target structure, located entirely within the Ruby No. 25 claim, it was decided that the completion of the examination be postponed until such time as Mr. Wells informed the Field Team at Spokane that the property was free of snow.

The Ruby No. 25 claim is on a steep hillside which slopes about 35° south. Vegetation is sparse consisting mostly of grass and sage. In general outcrops are sparse, the overburden consisting of 1 to 8 feet of slope creep detritus. Development consists of two or three short dozer trenches and a few hand-dug pits. The claim is underlain by Precambrian metasediments that probably belong to the Belt series. The rocks are thick-bedded ranging from 6 inches to a foot or more in width and consist of interstratified beds of quartzite, phyllite, and locally siliceous argillite. The beds are variegated, ranging from buff to grayish buff, greenish gray, light-brown, and in places reddish chocolate brown. They have a general

strike of N. 30° E. and dip about 10° W. Schistosity, trending about N. 10° E. and dipping about 25° W., is well-developed in the phyllites and argillite, but is almost nonexistent in the quartzite beds.

The rocks are cut by a few narrow discontinuous lenses of vein quartz ranging from a few feet up to about 20 feet in length, and from mere inches up to a foot or slightly more in width. These structures strike N. 60° W. and dip from 65° to 80° S. Besides quartz they contain hematite, magnetite, and goethite. Locally they are abnormally radioactive. No uranium or thorium minerals were noted, but occurrences within the region similar to those of the Ruby No. 25 claim are known to contain thorite and it is inferred that the radioactivity of these structures is chiefly due to thorium in thorite and possibly hydrothorite. Background of both the country rock and the quartz veins was 0.05 plus or minus 0.025 M/R. The only abnormal radioactivity noted appeared to be localized along both the hanging-wall and footwall sides of the quartz veins, but this was only two to four times background. The highest radioactivity noted was only 0.2 plus or minus 0.05 M/R and this could only be measured over an area of about 1-square foot of country rock on the footwall side of a quartz lens which, as exposed by natural erosion, was only 10 feet long and about a foot wide. No material worth sampling was noted. According to Mr. Wells, the showings on the upper portions of the Ruby Group of claims are much more radioactive than those of the Ruby No. 25 claim and occur in wider and longer veins of quartz.

Distribution:
DMEA (3)
USBM (2)
Docket
Alvord

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/11/58	Murphy	700
3/12		700
3/12		130
"		110
"		100
		220
		700

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

MAR 13 1958

Re: Docket No. DMEA-4951
(Thorium and rare earths)
Carroll W. Wells
Ruby Red Claims
Lemhi County, Idaho

Dear Mr. Weissenborn:

Enclosed are copies of memoranda, dated March 10, 1958, by N. E. Nelson, USGS, and James Paone, USBM, relating to the above-referenced application. Also enclosed, for Field Team use, is one extra copy of the application.

We note that the field men planned to examine the Ruby Red claims, since these claims are in the immediate area of the Montana Special claims listed in application DMEA-4932, which were scheduled for examination March 4, 1958. Accordingly, we will await the Field Team's report of examination.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosures

FMMurphy/gla
3-11-58
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
Mr. Murphy

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

P.S. Please determine if the application applies to an individual or a partnership.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/12/58	Murphy	700
"	Eldridge	700
3/12	Jeffrey	130
"	Johnson	110
"	Hutchinson	100
3/13	C	220
		700
3/12	Lamt	130
3/12	Kilcoyne	130

MAR 13 1958

Mr. Carroll W. Wells
Box 541
Salmon, Idaho

Re: Docket No. DMEA-4951
(Thorium and rare earths)
Ruby Red Claims
Lemhi County, Idaho

Dear Mr. Wells:

In regard to your above-referenced application, Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I, South 157 Howard Street, Spokane 4, Washington, has advised this office that an examination of the subject claims is planned during the field examiners' scheduled visit in connection with your other application under Docket No. DMEA-4932.

Any assistance you may give the field examiners will be appreciated.

Sincerely yours,

(for)

Administrator

FMMurphy/gla
3-12-58
cc to: Admr.'s Reading File
Mr. Murphy
DMEA Field Team, Region I (2)

8623

IN REPLY REFER TO:

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

DMEA
RECEIVED MAR 11 1958

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3/11	C	220
"	CWE	700
	FMOM	

March 10, 1958
Re: DMEA 4951
Carroll W. Wells
Ruby Red Claims
Lemhi County, Idaho
$62,968.00 - Thorium

Memorandum

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

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

Subject: Review of application

This application is generally similar to the application by the same man, 4932. The maps provided do not show the relative locations of the two groups, Montana Special and Ruby Red.

As in the previous case, although, as reported, long well defined ore zones are to be explored, no samples appear to have been taken and assayed.

The Field Team has arranged for examinations of the two properties, referral of application 4932 having been made by the Operating Committee February 12, 1958.

As a matter of form, referral of this application is recommended.

N. E. Nelson

N. E. Nelson

FILE COPY
DMEA
RECEIVED MAR 11 1958

DATE	INITIALS	CODE
3/11	C	220
"	EWE	700
"	FMM	

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

Date March 10, 1958

DMEA Docket No. 4951
DMEA Contract No.
Commodity Thorium
Name of applicant Carroll W. Wells
Name of property Ruby Red Claims
Location of property Lemhi County, Idaho
Estimated cost of project $62,968.00

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 2/28/58. 2. Date received by reviewer: 3/7/58

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 needing 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 examination ☐
   h. Approval ☐
   i. Consult with Mr. _____ at _____ AEC office

10. Remarks: (Use back of page if necessary) Memo of A. E. Weissenborn of Feb. 28 to Mr. George C. Selfridge noted. Recommendation withheld pending receipt of field team report.

COPY

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

March 7, 1958

Mr. Carroll W. Wells
Box 541
Salmon, Idaho

Subject: DMEA-4951

Dear Mr. Wells:

Your application for exploration assistance, dated February 26, 1958 submitted to our office at Spokane, Washington has been assigned Docket Number DMEA-4951 and referred to the Rare & Miscellaneous 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 I