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

AUG 10 1951

a. E. C.

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Minor and Rare Metals Branch

Subject: Virgin Valley Uranium
Humboldt County, Nevada
DMA docket 1544x

Under date of May 25, 1951, Jack A. Crane, Elk House Ranches, Route 2, Box 555, Oswego, Oregon, submitted the subject application, DMA-1544x, requesting a project in the sum of $35,500, for government participation of $31,950, (90%).

Attached here find letter of even date addressed to applicant denying his application on the grounds of improbability of making any significant discovery by further exploration of the known, local uraniferous layers. This opinion is concurred in by field team, AEC, and U. S. G. S.

Complete docket is attached, comprised of the following:

(a) Three copies replies from MF-103 and submittal letter.
(b) Copy of referral to field team.
(c) Field team's recommendation and two copies field team's report.
(d) Reference slip bearing recommendation by J. O. Hosted and H. D. Keiser.

Weston Bourret
Weston Bourret, Chief
Minor and Rare Metals

Enclosure

Approved:
Tom Lyon
Director, Supply Division

FILE COPY
SURNAME:

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

Gordon
Bourret
Hosted MH
Keiser MH

a. z. c.

AUG 10 1951

Mr. Jack A. Crane
Elk Horn Ranches
Route 2, Box 555
Oswego, Oregon

Re: Virgin Valley Uranium
Humboldt County, Nevada
DMA docket 1544x

Dear Mr. Crane:

Subsequent to receipt of report from the field team, the Minor and Rare Metals Branch has completed acoareful review of your application.

We regret to advise that your application must be denied at this time, as the possibilities of finding economically mineable material by additional exploration of known uranaiferous layers are not considered good. Should other ore bearing deposits of more promise be discovered on your ground, we would be glad to consider a new application from you.

Yours very truly,

Tom Lyon BJ 8-10

Tom Lyon, Director
Supply Division

EGordon/mb 8-7-51
cc: Adm. Read. File
Reports and Records
Lyon
Field Team III
Keiser, Hosted, USGS
Renick
Bourret
DMA docket files

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

AUG 10 1951

Mr. Jack [illegible] Crane
Elk Horn Ranches
Route 2, Box 555
Dallas, Oregon

Re: Virgin Valley Uranium
Humboldt County, Nevada
DMA Docket 1544x

Dear Mr. Crane:

Subsequent to receipt of reports from the field teams, the Minor and Rare Metals Branch has completed a careful review of your application.

We regret to advise that your application must be denied at this time, as the possibilities of finding economically winnable material by additional exploration of known uraniferous layers are not considered good. Should other or further deposits of ore grades be discovered on your ground, we would be glad to consider a new application from you.

Yours very truly,

Tom Lyon

Tom Lyon, Director
Supply Division

MMorden/mb 8-7-51
cc: Gen. Counsel, Hilo
Reports and Records
Lyon
Alvin Jean Hill
Walker, Ashford, USGS
Chief
Docket
DMA Docket Files

FILE COPY
SURNAME:

Gordon
Bourret
Keiser
Hosted

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

AUG 10 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Minor and Rare Metals Branch

Subject: Virgin Valley Uranium
Humboldt County, Nevada
DMA docket 154lx

Under date of May 25, 1951, Jack A. Crane, Elk House Ranches, Route 2, Box 555, Oswego, Oregon, submitted the subject application, DMA-154lx, requesting a project in the sum of $35,500, for government participation of $31,950, (90%).

Attached here find letter of even date addressed to applicant denying his application on the grounds of improbability of making any significant discovery by further exploration of the known, local uraniferous layers. This opinion is concurred in by field team, AEC, and U. S. G. S.

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(b) Copy of referral to field team.
(c) Field team's recommendation and two copies field team's report.
(d) Reference slip bearing recommendation by J. O. Hosted and H. D. Keiser.

/s/ Weston Bourret B.J. 8-10

Weston Bourret, Chief
Minor and Rare Metals

Enclosure

Approved:

Tom Lyon

Director, Supply Division

EGordon;mh 8-9-51
cc: Adm. Read. File
Reports & Records
Lyon
Field Team III
Bourret
Keiser & Hosted USGS
Renick
DMA docket file

830

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

AUG 10 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Minor and Rare Metals Branch

Subject: Virgin Valley Uranium
Humboldt County, Nevada
DMA docket 154ux

Under date of May 25, 1951, Jack A. Crane, Elk House Ranches, Route 2, Box 555, Oswego, Oregon, submitted the subject application, DMA-154ux, requesting a project in the sum of $35,500, for government participation of $31,950, (90%).

Attached here find letter of even date addressed to applicant denying his application on the grounds of improbability of making any significant discovery by further exploration of the known, local uraniferous layers. This opinion is concurred in by field team, AEC, and U. S. G. S.

Complete docket is attached, comprised of the following:

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/s/ Weston Bourret

Weston Bourret, Chief
Minor and Rare Metals

Enclosure

Approved: Tom Lyon

Director, Supply Division

EGordon;mh 8-9-51
cc: Adm. Read. File
Reports & Records
Lyon
Field Team III
Bourret
Keiser & Hosted USGS
Renick
DMA docket file

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~BUREAU OF MINES~~
REGION III
DEFENSE MINERALS ADMINISTRATION

OFFICE OF
~~REGIONAL DIRECTOR~~
Executive Officer
DMA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.
~~MAIL ADDRESS: BOX~~,
~~630 SANSOME STREET~~,
~~SAN FRANCISCO 11, CALIF.~~

July 23, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: DMA-1544X - Virgin Valley, Humboldt County, Nevada (Uranium)

Reference is made to your undated subject "Review of Application for Exploration Assistance" received in this office on June 25. This property was examined by M. H. Staatz and H. L. Bauer, Jr., Geologists, U. S. Geological Survey, in November 1950, and reported on by them in Trace Elements Memorandum Report 227, dated May 1951. The re-examination made by George W. Walker and Robert F. Johnson, U. S. Geological Survey, in 1951 of the new pits dug since Staatz and Bauer's report, showed no Uranium minerals and they agree with Staatz and Bauer that "the possibilities of finding economically mineable material by additional exploration of known uraniferous layers are not considered good". It is recommended, therefore, that the application be denied.

Four copies of the report DMA-1544X, "Crane" Deposit, Virgin Valley, Humboldt County, Nevada (Uranium) by George W. Walker and Robert F. Johnson, Geologists, U.S. Geological Survey, dated July 20, 1951, are attached.

Attached also is the subject docket.

H. C. Miller
Executive Officer, DMA Field Team
Region III

Attachments

Copy to: E. H. Bailey, USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1544x, "Crane" Deposit, Virgin Valley

Humboldt County, Nevada

(Uranium)

George W. Walker and Robert F. Johnson, Geologists
U. S. Geological Survey

July 20, 1951

DMA-1544x, "Crane" Deposit, Virgin Valley
Humboldt County, Nevada

(Uranium)

Introduction

DMA docket 1544x, "Crane" deposit, Virgin Valley, Humboldt County, Nevada, proposes to explore a section of nearly flat lying, uranium-bearing beds of tuff, ash, and opal of late Tertiary or Quaternary age. Locally, carnotite is present as a thin coating on many fracture surfaces in brittle and highly siliceous layers. It also is found as disseminated particles throughout some of the unfractured beds.

In response to a request from the Chairman of theCoordinating Committee of DMA to Mr. H. C. Miller, Executive Officer, Field Team, Region III, a field examination of the property was made by George W. Walker and Robert F. Johnson of the U. S. Geological Survey on July 5, 1951. The results of an investigation of the property in November 1950, by M. H. Staatz and H. L. Bauer, Jr., of the Federal Survey, are contained in Trace Elements Memorandum Report 227, dated May 1951. Their report covers in some detail the location of the property, the geology, description of the ore deposits, including 37 analyses for uranium, and an estimate of the ore reserves. Their evaluation of the deposit, as seen at the time of their examination, indicates that under present economic conditions the deposit cannot be profitably exploited. Therefore, this report is directed entirely toward a re-evaluation of the property, based on exploration and development that have been done by the owners since November 1950. Assuming that the economics of uranium recovery have not appreciably changed since the evaluation made in November, the property does not merit a Government exploration loan.

Recent Exploration and Development

Staatz and Bauer report that in November 1950 they examined a carnotite-bearing area consisting of 19 claims located and owned by Jack and Toni Crane of Oswego, Oregon. At that time development work consisted of a 315-foot bulldozer trench and 12 small pits on the east side of Virgin Valley, and 3 small pits on the west side of the valley. The report does not indicate whether this represents the total number of claims and total development at that time.

On July 5, 1951, when the writers examined the property, a total of 42 claims had been located by Jack and Toni Crane. Many of these cover a long, narrow belt of land lying north of the area examined by Staatz and Bauer. Development work includes the pits and trench described by Staatz and Bauer, and in addition, a larger number of shallow prospect pits and bulldozer trenches on claims lying to the north. These pits were checked with Geiger-Mueller counters, and reconnaissance counter traverses were made from one pit to another. No radioactive material was noted in the new pits or on the traverses between pits.

Evaluation of the Deposit

The evaluation of the Virgin Valley deposits as described in Trace Elements Memorandum Report 227, by M. H. Staatz and H. L. Bauer, Jr., is as follows:

> "The uranium content of the known deposits of uraniferous opal in the Virgin Valley opal district is insufficient to warrant economic development at present prices. The possibilities of finding economically mineable material by additional exploration of known uraniferous layers are not considered good.
>
> Only a small area was studied in detail for this report. Because opal deposits are widely distributed in the Virgin Valley area, however, further prospecting may discover additional deposits of radioactive opal. Prospecting should be directed toward the discovery of opal layers of greater thickness and regularity, and of higher uranium content than those described in this report."

The examination on July 5, 1951, uncovered no new or additional evidence that would warrant a change in the evaluation made by Staatz and Bauer. Nearly flat-lying tuff, ash, and opal beds containing carnotite are exposed along the sides of Virgin Valley, but the concentration of uranium is too low for profitable exploitation. The applicant proposes to explore by core drilling the extensions of these beds. No evidence indicating an increase in the uranium content on the extensions of the carnotite-bearing layers was found. Therefore, until such time as deposits of this grade can be worked economically the property does not merit an exploration loan.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1544x, "Crane" Deposit, Virgin Valley

Humboldt County, Nevada

(Uranium)

George W. Walker and Robert F. Johnson, Geologists
U. S. Geological Survey

July 20, 1951

14

DMA-1544x, "Crane" Deposit, Virgin Valley
Humboldt County, Nevada

(Uranium)

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Refer to	Noted	Date
[illegible]ed		

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

DEPARTMENT OF INTERIOR
BUREAU OF
REGION
RECEIV
JUN 25 1951
SAN FRANCISCO, CALIFORNIA

Mr. H. C. Miller , Region III
1415 Appraisers Building
San Francisco, California

AIR MAIL

Dear Sir:

We attach "Review of Application for Exploration Assistance"

on:

Docket No. DMA-1544x

Commodity Uranium

Applicant Jack A. Crane

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Edwin T. McKnight
For Geological Survey

Field Referral
MB

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED 6/5/51
JUN 2 51951
SAN FRANCISCO, CALIFORNIA

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1544 X

Commodity Uranium

Total Amount $35,000.00

Govt. Participation $31,950.00

1. Name and Address of Applicant Jack A. Crane, Cedarville, California

2. Location of Property Virgin Valley, Humboldt County, Nevada

3. Mineral or metal Uranium Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination Report by field team is required.

e) Is there an alternative and favorable project? (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary?_____

a) MF-201?_____

b) MF-202_____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower_____

b) Equipment and supplies_____
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)*_____

d) Water (question 13)*_____

e) Power (question 13)*_____

Is a field check needed on any of these points?_____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)*_____

_____

Is a field check needed on this point?_____

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described?_____

If not, are there sufficient data given so that you can describe the project?_____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work?_____

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5?_____

If not, what part of it is?_____

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable?_____

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____ _____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

15. In your judgment, can the proposed work be done in the proposed time? _____

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? It is suggested that this application be reviewed with Lincoln R. Page, Geological Survey, and Charles C. Towle, Atomic Energy Commission. TEMR-227 indicates that the economic possibilities are probably poor.

Reviewed by: H W Peiser, Geological Survey
J. D. Hosted AEC

Date June 20, 1951

97692

FILE C
SURNAME:

Bourret
McKnight for Rose
Moon

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

mailed 6/22/51

June 21, 1951

Mr. Jack A. Crane
General Delivery
Cedarville, California

Dear Mr. Crane:

Your application docket DMA-1544x for exploration project in the amount of $35,000.00 has been received by the Minor and Rare Metals Branch of the Supply Division.

Before a decision can be reached on your request we find it is necessary to obtain additional information on your property. Your application therefore is being referred to the office of the Executive Officer of DMA field team III, 1415 Appraisers Building, San Francisco, California, Mr. H. C. Miller, with the request that the needed information be supplied to us.

Yours very truly,

Tom Lyon, Director
Supply Division

WBourret/mh
cc: Adm. Reading File
Strobel
Lyon
Field Team III
Bourret
Files

FILE COPY
SURNAME:

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

June 20, 1951

Mr. Jack A. Crane
Cedarville, California

Subject: DMA-1544X
Re: Exploration Loan

My dear Mr. Crane:

Receipt is acknowledged of your application and attachments of May 25, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1544X and was referred to Mr. Weston G. Bourret, Acting Chief, Minor and Rare Metals Branch on June 7, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1544X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
>Files
Bourret
Lyon

DMA 1544

FILE COPY
SURNAME:

Bourret.

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

AIR MAIL

June 11, 1951

Mr. Jack A. Crane
Elk Rock Ranches
Route 2, Box 555
Oswego, Oregon

Re: Virgin Valley Uranium
Humboldt County, Nevada
DMA docket - 154x

Dear Mr. Crane:

Your application of May 25, 1951, DMA-154x, for an exploration project in the amount of $35,500 has been received by the Minor and Rare Metals Branch of the Supply Division. Before a decision can be reached on your request it will be necessary to obtain additional information on your property, before we can determine if a field examination is necessary.

I am attaching hereto contract form MF-200, which I suggest you review carefully at this time. In the event your project is given a preliminary clearance, the next step is to draw up a contract; unless the exhibits referred to (Exhibits A to E inclusive) are complete in all respects, including maps, some unnecessary delay may of course result. I would suggest therefore, that you prepare six copies each of this material and forward to my office. In line with the suggestion contained in paragraph 23 of your application, I would suggest also that you have your engineer prepare in detail the exploration program, cost requirements and so forth.

Please contact Mr. H. C. Miller, Executive Officer of the DMA Field Team 1415 Appraisers Building, San Francisco, California, if you are in doubt of any of the points covered in the contract.

Yours very truly,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosure

WBourret/mh
cc: Adm. Reading File
Strobel
Mintendorf
Field Team III
Lyon
Keiser - Hosted, USGS
Bourret
Files

May 25, 1951

Region III
Defense Minerals Administration
1415 Appraisers Building
San Francisco, California

Gentlemen:

Acting upon recommendations from the Bank in Winnemucca, Nevada, we have written our Senator here in regards to further exploration of our properties. We learned only today from another party who is making application that the deadline for filing is May 31st. We obtained one copy of your Form MP-103 (April 1951) and have made a facsimile report.

We sincerely hope you will accept this report as it is impossible for us to obtain your forms in time to file.

The properties mentioned in the report at this date already have five established mines. We sincerely believe from geological and previous engineering that these properties by proper exploration could become a very permanent phase in uranium production.

Our field address is:

Jack A. Crane,
General Delivery,
Cedarville, California.

Respectfully submitted,

Jack A. Crane

Jack A. Crane

JAC/to

Facimile Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Do not fill in this block

Docket No. DMA-1544X

Date Received 6/4/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 31 1951
SAN FRANCISCO, CALIFORNIA

JACK A. CRAIG

CEDARVILLE, CALIFORNIA
(Field Address)

Name and address of applicant

Date May 25, 1951

Fill in this block

Date of application May 25, 1951

Estimated cost $35,500.00

Mineral or metal Uranium Vanadium

Percentage of Government Participation 90%

Location of mine Virgin Valley Humboldt Co., Nevada

Date of filing MF-100

DMA Docket Number, if available

THE APPLICANT

1. Individual
2.
3.
4. a. Former electrical and construction superintendent for Kaiser Co. and Ingalls Steel Corporation.
   b. My intentions are to hire a competent mining superintendent.
5. All 42 claims are owned by myself and wife.
6. There are no liens, or encumbrances against any of the properties.
7. All claims have been surveyed properly, marked and all assessment and location work done. Contracts for percentage agreements for other personnel are by contract of individual nature and do not in any way encumber the property.
8. Personal financial statement: Assets $50,000.00 -Liabilities $2,175.00. This operation in process now of shipping, therefore no P&L statement.

9. a. Can finance $25,000.00 if necessary. Yes.
10. a. No real property involved in this operation at present.
    b. 42 claims in the Virgin Valley Opal Mining District, Humboldt Co., Nevada. These claims lie ten miles south of the old Sheldon CCC Camp on the Virgin Valley Road. Said properties being located on Federal grazing range of the Sheldon Game Refuge.
11. This is a new area and has not previously been claimed.
12. The property lies 110 miles due east from Cedarville, California and 145 miles from Winnemucca, Nevada due east with 85 miles paved road. All roads giving a year round shipping possibility.
13. Abundance of water directly on property from Thousand Creek reservoir. This being an all season stream. Power to be furnished by deisel generator as required.
14. Have erected at present dwelling together with full camp and commissary facilities on property.
15. We are now entering into an agreement with Vitro Chemical Co., Salt Lake City, Utah for milling and handling of entire output. Trucking contract has been made.
16. Have been engaged in exploratory work for the past four years. Personal equipment consists of special equipped trucks and laboratory equipment for radio active and other strategic ores. Explorations have covered most of southwest Oregon to the central portion of Nevada. Have at this writing been working in close cooperation with Dr. Nininger, U. S. AEC, Ansonia Station, N. Y. City, N.Y. on a number of large low grade deposits I have discovered. This enterprise, however, is strictly a personal adventure and in no way has been used for promotion or individual financing.
    a. Previous exploration of these properties has been done by cuts, Geiger counters, and Scintillometer readings. In 1950 the U. S. Geological Survey made a geological map of this operation upon the advice of Mr. Jesse C. Johnson, Mgr. of Raw Materials, Washington, D.C.
    b. To the best of my knowledge this occurence is floatation nature and there is no adjoining operations or will be within the vicinity of 50 miles.
    c. Reports: DeMent Laboratories, Portland, Ore. - Uranium contents 0.67% on the pitchblende equivalent: 3 tests from 3 respective cuts.
    Associated Laboratories, Portland, Oregon 0.67%.
    Vitro Chemical Co., Salt Lake City, Utah mill average 0.26%
    Engineers Syndicate, Ltd. Hollywood, Calif. 0.67%.
    Private enginseering and geology ore stratas as to tonnage almost unlimited. Metallurgical and production possibilities extremely favorable in all localities.
17. a. At present we have blocked out for delivery approximately 14 tons of high grade ore and are only awaiting field engineer and chemist from Vitro Chemical Co., Salt Lake City, Utah. Shipping program to start the middle of June 1951.
    1. Mining. For the next 12 months will be of strip characteristic with anticipated manpower a total of 100 tons per week at minimum mining expense. The grade by Scintillometer readings will average approximately 0.30%. Cost per ton of mining should be under present

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By Jack A. Crane

May 25 - 1951
Date

Owner
Title

Facimile Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Do not fill in this block

Docket No. DMA-1544X

Date Received 6/4/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 31 1951
SAN FRANCISCO, CALIFORNIA

JACK A. CRANE

CEDARVILLE, CALIFORNIA
(Field Address)

Name and address of applicant

Date May 25, 1951

Fill in this block

Date of application May 25, 1951

Estimated cost $35,500.00

Mineral or metal Uranium Vanadium

Percentage of Government Participation 90%

Location of mine Virgin Valley Humboldt Co., Nevada

Date of filing MF-100

DMA Docket Number, if available

THE APPLICANT

1. Individual
2.
3.
4. a. Former electrical and construction superintendent for Kaiser Co, and Ingalls Steel Corporation.
   b. My intentions are to hire a competent mining superintendent.
5. All 42 claims are owned by myself and wife.
6. There are no liens, or encumbrances against any of the properties.
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8. Personal financial statement: Assets $50,000.00 -Liabilities $2,175.00. This operation in process now of shipping, therefore no P&L statement.

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By Jacob A. Crane

May 25-1951
Date

Owner
Title

Refer to	Notes	Date
Answered		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Region III

Dma-1544X

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 2 5 1951
SAN FRANCISCO, CALIFORNIA

1415 Appraisers Bldg.
630 Sansome Street
San Francisco 11, Calif.

May 31, 1951

Memorandum

To: Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Application for Aid for an Exploration Project

The attached application was received in this office on May 31, 1951.

Applicant: Jack A. Crane
Cedarville, California
(Field address)

Date of Application: May 25, 1951

Estimated Cost: $35,500.00

Mineral or Metal: Uranium, Vanadium

Percentage of Government Participation: 90%

Location of Mine: Virgin Valley, Humboldt County, Nevada

H. C. Miller

H. C. Miller
Executive Officer, DMA Field Team
Region III

Elk Rock Ranches — — — TELEPHONE CIRCLE 7778

TUALATIN MEADOWS ☆ ☆ ☆ DUNTHORPE ☆ ☆ ☆ Route 2, Box 555
OSWEGO, OREGON

"JACK" CRANE
"TONI" CRANE

May 25, 1951

Refer to	Noted	Date
	HCU	5/31
Answered		

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 31 1951
SAN FRANCISCO, CALIFORNIA

Region III
Defense Minerals Administration
1415 Appraisers Building
San Francisco, California

Gentlemen:

Acting upon recommendations from the Bank in Winnemucca, Nevada we have written our Senator here in regards to further exploration of our properties. We learned only today from another party who is making application that the deadline for filing is May 31st. We obtained one copy of your Form MF-103 (April 1951) and have made a facimile report.

We sincerely hope you will accept this report as it is impossible for us to obtain your forms in time to file.

The properties mentioned in the report at this date already have five established mines. We sincerely believe from geological and previous engineering that these properties by proper exploration could become a very permanent phase in uranium production.

Our field address is:

Jack A. Crane,
General Delivery,
Cedarville, California.

Respectfully submitted,

Jack A. Crane

JAC/tc

Elk Rock Ranches - - - TELEPHONE CIRCLE 7778

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Facimile Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Do not fill in this block

Docket No. DMA-1544X

Date Received 6/4/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
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RECEIVED
MAY 31 1951
SAN FRANCISCO, CALIFORNIA

JACK A. CRANE

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Name and address of applicant

Date May 25, 1951

Fill in this block

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Elk Rock Ranches - - - TELEPHONE CIRCLE 7778
TUALATIN MEADOWS ☆ ☆ ☆ DUNTHORPE ☆ ☆ ☆ Route 2, Box 555
OSWEGO, OREGON
"JACK" CRANE
"TONI" CRANE

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By Jack A. Crane

May 25 1951
Date

Owner
Title

May 25, 1951

Region III
Defense Minerals Administration
1415 Appraisers Building
San Francisco, California

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Jack A. Crane

Jack A. Crane

JAC/tc

Facimile Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Do not fill in this block

Docket No. DMA-1594X

Date Received 6/4/51

Participation

JACK A. CRAIG

CEDARVILLE, CALIFORNIA
(Field Address)

Name and address of applicant

Date May 25, 1951

Fill in this block

Date of application May 25, 1951

Estimated cost $35,000.00

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Percentage of Government Participation 90%

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Date of filing MF-100

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May 25 - 1951
Date

Owner
Title

May 25, 1951

Region III
Defense Minerals Administration
1415 Appraisers Building
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