DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. ~~1799 X~~

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION LOAN

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

Routing Slip

To: [illegible] Date 7-5-51

To Mails & Files R.4078 Date 5-12-52

To: _____ Date _____

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13771

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

REFERENCE SLIP

DATE 5-12-52

REFERRED TO:

1. Mails & Files, Rm. 4070
2.
3.
4.

DMA-1793X

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Ready for signature of .....
..... Consideration	..... Rewriting
X Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: No response recd. from applicant to our letter of April 9, 1952. File to be closed in accordance therewith.

Check (X) before the items needing attention.

Ernest Wm. Mills
gla
Initial of sender

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

FILE COPY
SURNAME:

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

AIR MAIL

APR 9 1952

Mr. William Rosenberg, Jr.
1235 East 16th Street
Tucson, Arizona

Re: Docket No. LMA-1793X (Uranium)
Lena #1 Claim
Pima County, Arizona

Dear Mr. Rosenberg:

Reference is made to your letter of January 3, 1952, and our response of January 9, concerning the submission of additional information which would enable the Defense Minerals Exploration Administration to process your application under the above docket number.

Inasmuch as we have received no reply, we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data has not been received by May 10, 1952, we will then consider the docket closed.

Sincerely yours,

Signed

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

GLAult/EWEllis/gla
4-8-52
cc to: Adm. Reading File
Docket
Messrs. A. J. Kauffman, Jr. Rm. 1347
A. P. Butler, Jr. Rm. 3206 GSA
Ellis
Field Team, Reg. IV (2)

FILE COPY 700
SURNAME:

Ellis
Mitt

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

AIR MAIL

Mr. William Rosenberg, Jr.
1235 East 16th Street
Tucson, Arizona

JAN 9 1952

Re: Docket No. DMA-1793X
(Uranium)

Dear Mr. Rosenberg:

This will acknowledge receipt of your letter dated January 3, 1952 appertaining to the above captioned docket. The letter was a reply to ours of November 23, 1951 and the Supply Division letter of July 13, 1951.

Your letter states that "sufficient data was furnished in the first report made for a loan." A search thru our files fails to reveal any maps (sketches will do) of your workings whereon is shown the nature of the work you propose to undertake and other pertinent data.

We are enclosing a sample copy of an exploration project contract so that you may see how impossible it is to draw up such a contract on the meager information furnished with your application. A press release is also enclosed.

When we have received all the information requested your application will be given further study.

Sincerely yours,

S.W.
1-9-52

Ernest Em. Ellis, Acting Chief
Rare & Misc. Metals Division
Defense Minerals Exploration
Administration

Enclosures
EMEllis/jem
1-8-52
cc to: Adm. Reading File
Mails & Files Br.
Docket
Messrs. Mittendorf
Kaufman, A. J. Rm. 1347
Butler, A.P., Rm. 3212, G.S.A.
Ellis

Field Team, Region IV (2)

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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 1793X

Date received 7-3-51

Participation

WILLIAM ROSENBERG, JR.
1135 East 16th Street
Tucson, Arizona

Name and address of applicant

Date June 18, 1951

FILL IN THIS BLOCK

Date of application June 18, 1951

Estimated cost ~~$25,000.00~~ Plus 10,140 labor
Total 35,140

Mineral or metal Uranium

Percentage of Government participation 90%
25,000.00

Location of mine Papago Mining District
Pima County, Arizona

Date of filing MF-100

DMA Docket Number, if available 1793X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1951
LANDON F. SIEGEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

OBREGOM É ROSENBERG — By William Rosenberg Jr.
(Name of company) — (Signature of authorized official)

Operator

(Date) — (Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

(William Roseberg, Jr)

Continuation Sheet, Form MF-103, dated June 18, 1951

1. Individual
2. None
3. None
4. Took mining Engineering at University of Arizona 4½ yrs., no degree. Currently working in capacity of Chief of Party, Engineering Dep't., City of Tucson, Arizona. Mr. Obregon, the owner, has had extensive mining experience for 18 years.
5. Mining claims in Federal land.
6. None
7. Not applicable
8. None
9. Proposes to furnish labor costs, approximately $9360.00 for first year. Sufficiently more than the 10% required under Section 9 of Mineral Order No. 5.
10.
   a. Papago Mining District, Pima County, Arizona
   b. SE¼ NW¼ & SW¼ NE¼ Sec 7, T17S R11E
11. Only present name of property
12. 50 miles southwest of Tucson, Arizona, and railroad spur, 20 miles from secondary highway (Tucson to Sasabe highway), and three miles from end of ranch road.
13. Water supply limited but sufficient supply to permit wet drilling Drinking water to be hauled approximately 1 mile. Power to be
14. used from generator plant to be purchased.
   /– No existing facilities available.
15. Ore could be shipped by transporting to railhead at Tucson, Ariz. thence to Deming, New Mexico or Lewisville, Utah, for milling.
16. (a) Exploration commenced(preliminary) on March 1950
   (b) Lead and silver mine in adjoining property and mill presently under construction.
   (c) See attached file
17. No production presently
18. Undetermined
   (a) See attached file
   (b) " " "
   (c) Undetermined.
19. Area surrounding principal claim within ½ mile radius extensively and definitely radioactive.
20. Uranium ore deposits.
21. Estimated exploration completion 6 months after approval; plan to be in limited operation 12 months after approval, and in full operation within 18 months after approval.
22. See attached report by Dr. Robert J. Wright, Geoligist, Atomic Energy Commission.
23. (See attached itemized cost breakdown)
24. (See attached itemized cost breakdown & time schedule.

Continuation Sheet No. 2, Form MF-103, dated June 18, 1951 (William Rosenberg, Jr.)

Item No. 231

a. 2 muckers @ $12.00 per day, 1 yr 8240.00
b. 1 miner supervisor 15.00 " 1 yr 5000.00
Total labor 13,240.00

c. No existing facilities
d. 150.00 Tool shed
500.00 Quarters & kitchen
250.00 Powder storage magazine
[illegible] Roadway access to mine
e. 3000.00

500.00 compressor & hoses
300.00 jackhammer & fittings
[illegible] centrifugal pump
2000.00 jeep & power take-off assy
3000.00 5-yd dump truck
500.00 generator (light plant)
[illegible] tractor with bulldozer attachment
200.00 miscellaneous hand tools
500.00 drills, rock (and maintenance)
300.00 water storage facilities
500.00 mucking equipment & loading facilities
55.00 blasting magneto
11,205.00

f. none
g. none
h. cost of materials and supplies:
600.00 fuels & lubricants
1300.00 blasting powder
200.00 blasting caps
260.00 blasting fuse
2600.00 food & lodging
5835.00 Operating fund & capital
10,795.00
Grand total including labor $35,140.00

Continuation Sheet No. 3, Form MF-108 dated June 18, 1951 (William Rosenberg, Jr.

Item 24:

Time Schedule:

a. 6 months after approval:

(1) Exploration completed & determination as to best method of production.

Total expected expenditures, including capital equipment: $15,000.00

b. 12 months after approval:

(1) Expect to have 50% of capacity in production and actual shipment of ore to designated mill started

Total expenditures: $5,000.00

c. 18 months after approval:

(1) Full production.

(2) Able to pay on principal to Government approximately $[illegible] Monthly. Total expenditures: $[illegible].00

Note: Applicant proposes to provide for payment of labor, and Government's share (less than 50%) will be $[illegible].00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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 1793X

Date received 7-3-51

Participation

WILLIAM ROSENBERG, JR.
1135 East 16th Street
Tucson, Arizona

Name and address of applicant

Date June 18, 1951

FILL IN THIS BLOCK

Date of application June 18, 1951

Estimated cost [illegible] Plus 10,140 lab or Total 35,140

Mineral or metal Uranium

Percentage of Government participation [illegible] 25,000.00

Location of mine Papago Mining District
Pima County, Arizona

Date of filing MF-100

DMA Docket Number, if available 1793X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1951
LANDON F. STROBEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

OBREGON & ROSENBERG
(Name of company)

By William Rosenberg Jr.
(Signature of authorized official)

/
(Date)

operator
(Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

(William Rosebery, Jr)

Continuation Sheet, Form MP-103, dated June 18, 1951

1. Individual
2. None
3. None
4. Took mining engineering at University of Arizona 4 yrs., no degree. Currently working in capacity of Chief of Party, Engineering Dep't., City of Tucson, Arizona. Mr. Gordon, the owner, has had extensive mining experience for 18 years.
5. Mining claims in federal land.
6. None
7. Not applicable
8. None
9. Proposes to furnish labor costs, approximately $5500.00 for first year. Sufficiently more than the $2000 required under section 3 of mineral order no. 3.
10.
a. Papago Mining District, Pima County, Arizona
b. SE¼ NW¼ & SW¼ NE¼ Sec 7, T17S R11E
11. Only present name of property
12. 50 miles southwest of Tucson, Arizona, and railroad spur, 20 miles from secondary highway (Tucson to Sasabe highway), and three miles from end of ranch road.
13. Water supply limited but sufficient supply to permit wet drilling
Drinking water to be hauled approximately 1 mile. Power to be
14. used from generator plant to be purchased.

— No existing facilities available.
15. Ore could be shipped by transporting to railroad at Tucson, Ariz. thence to Deming, New Mexico or Lehisville, Utah, for milling.
16. (a) Exploration commenced (preliminary) on March 1950
(b) Lead and silver mine in adjoining property and mill presently under construction.
(c) See attached file
17. No production presently
18. Undetermined
(a) See attached file
(b) " " "
(c) Undetermined
19. Area surrounding principal claim within 5 mile radius extensively and definitely radioactive.
20. Uranium ore deposits.
21. Estimated exploration completion 6 months after approval; plan to be in limited operation 24 months after approval, and in full operation within 18 months after approval.
22. See attached report by Dr. Robert J. Wright, Geologist, Atomic Energy Commission.
23. (See attached itemized cost breakdown)
24. (See attached itemized cost breakdown & time schedule.

Continuation Sheet No. 2, Form MF-103, dated June 18, 1951 (William Rosenberg, Jr.)

Item No. 23L

a. 2 muckers @ $12.00 per day, 1 yr 6240.00
b. 1 miner supervisor 15.00 " 1 yr 3900.00
Total labor 10,140.00

c. No existing facilities
d. 150.00 Tool shed
500.00 Quarters & kitchen
250.00 Powder storage magazine
2100.00 Roadway access to mine
3000.00
e.
500.00 compressor & hoses
300.00 jackhammer & fittings
300.00 centrifugal pump
2000.00 jeep & power take-off assy
3000.00 5-yd dump truck
300.00 generator (light plant)
3000.00 tracktor with bulldozer attachment
200.00 miscellaneous hand tools
500.00 drills, rock (and maintenance)
550.00 water storage facilities
500.00 messing equipment & cooking facilities
55.00 blasting magneto
11,205.00

f. none
g. none
h. cost of materials and supplies:
600.00 fuels & lubricants
1300.00 blasting powder
200.00 blasting caps
260.00 blasting fuse
2600.00 food & lodging
5835.00 Operating fund & capital
10,795.00

Grand total including labor $35,140.00

Continuation sheet no. [illegible]
1951 (William Rosenberg, Jr.)

Item No. 231

a.	2 muckers @ $12.00 per day, 1 yr		6240.00
b.	1 miner supervisor 15.00 "	1 yr	3900.00
		Total labor	10,140.00

c. No existing facilities

d.
- 150.00 Tool shed
- 500.00 Quarters & kitchen
- 250.00 Powder storage magazine
- 2100.00 Roadway access to mine
- 3000.00

e.
- 500.00 compressor & hoses
- 300.00 jackhammer & fittings
- 200.00 centrifugal pump
- 2000.00 jeep & power take-off assy
- 3000.00 5-yd dump truck
- 500.00 generator (light plant)
- 3000.00 tracktor with bulldozer attachment
- 200.00 miscellaneous hand tools
- 500.00 drills, rock (and maintenance)
- 550.00 water storage facilities
- 500.00 messing equipment & cooking facilities
- 55.00 blasting magneto
- 11,205.00

f. none

g. none

h. cost of materials and supplies:
- 600.00 fuels & lubricants
- 1300.00 blasting powder
- 200.00 blasting caps
- 260.00 blasting fuse
- 2600.00 food & lodging
- 5835.00 Operating fund & capital
- 10,795.00

Grand total including labor $35,140.00

Continuation Sheet No. 3, Form MF-108 dated June 18, 1951 (William Rosenberg, Jr.

Item 34:

Time Schedule:

a. 6 months after approval:

(1) Exploration completed & determination as to best method of production.

Total expected expenditures, including capital equipment: $15,805.00

b. 12 months after approval:

(1) Expect to have 50% of capacity in production and actual shipment of ore to designated mill started

Total expenditures: $5,080.00

c. 18 months after approval:

(1) Full production

(2) able to pay on principal to Government approximately 5% Monthly. Total expenditures: $4185.00

Note: Applicant proposes to provide for payment of labor, and Government's share (less than 90%) will be $25,000.00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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 1793X

Date received 7-3-51

Participation

WILLIAM ROSENBERG, JR.
1235 East 16th Street
Tucson, Arizona

Name and address of applicant

Date June 18, 1951

FILL IN THIS BLOCK

Date of application June 18, 1951

Estimated cost $25,000.00 Plus 10,140 labor
Total 35,140

Mineral or metal Uranium

Percentage of Government participation 90%
25,000.00

Location of mine Papago Mining District
Pima County, Arizona

Date of filing MF-100

DMA Docket Number, if available 1793X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration contract on Form MF-200, for your signature.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1951
LANDON F. STROBEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

OBREGON & Rosenberg
(Name of company)

By William Rosenberg Jr
(Signature of authorized official)

Operator
(Title)

(Date)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

n
(William Roseberg, Jr)

Continuation Sheet, Form MF-103, dated June 18, 1951

1. Individual
2. None
3. None
4. Took mining Engineering at University of Arizona 4½ yrs., no degree. Currently working in capacity of Chief of Party, Engineering Dep't., City of Tucson, Arizona. Mr. Obregon, the owner, has had extensive mining experience for 18 years.
5. Mining claims in Federal land.
6. None
7. Not applicable
8. None
9. Proposes to furnish labor costs, approximately $9360.00 for first year. Sufficiently more than the 10% required under Section 9 of Mineral Order No. 5.
10.
   a. Papago Mining District, Pima County, Arizona
   b. SE¼ NW¼ & SW¼ NE¼ Sec 7, T17S R11E
11. Only present name of property
12. 50 miles southwest of Tucson, Arizona, and railroad spur, 20 miles from secondary highway (Tucson to Sasabe highway), and three miles from end of ranch road.
13. Water supply limited but sufficient supply to permit wet drilling Drinking water to be hauled approximately 1 mile. Power to be
14. used from generator plant to be purchased.
   /– No existing facilities available.
15. Ore could be shipped by transporting to railhead at Tucson, Ariz. thence to Deming, New Mexico or Lewisville, Utah, for milling.
16. (a) Exploration commenced (preliminary) on March 1950
   (b) Lead and silver mine in adjoining property and mill presently under construction.
   (c) See attached file
17. No production presently
18. Undetermined
   (a) See attached file
   (b) " " "
   (c) Undetermined
19. Area surrounding principal claim within ½ mile radius extensively and definitely radioactive.
20. Uranium ore deposits.
21. Estimated exploration completion 6 months after approval; plan to be in limited operation 12 months after approval, and in full operation within 18 months after approval.
22. See attached report by Dr. Robert J. Wright, Geoligist, Atomic Energy Commission.
23. (See attached itemized cost breakdown)
24. (See attached itemized cost breakdown & time schedule.

Continuation Sheet No. 3, Form MF-103 dated June 18, 1951 (William Rosenberg, Jr.

Item 24:

Time Schedule:

a. 6 months after approval:

(1) Exploration completed & determination as to best method of production.
Total expected expenditures, including capital equipment: $15,835.00

b. 12 months after approval:

(1) Expect to have 50% of capacity in production and actual shipment of ore to designated mill started
Total expenditures: $5,030.00

c. 18 months after approval:

(1) Full production
(2) Able to pay on principal to Government approximately 2½% Monthly. Total expenditures: $4135.00

Note: Applicant proposes to provide for payment of labor, and Government's share (less than 90%) will be $25,000.00

E. T. HOUSTON, MAYOR

SAMUEL T. ADAMS
COUNCILMAN, WARD THREE

CHAS. A. BRADY
COUNCILMAN, WARD ONE

WILLIAM H. CODD
COUNCILMAN, WARD SIX

J. O. NIEMANN
COUNCILMAN, WARD TWO

WILLIAM J. PISTOR
COUNCILMAN, WARD FOUR

F. G. PRISER
COUNCILMAN, WARD FIVE

CITY of TUCSON
ARIZONA

P. J. MARTIN, JR., CITY MANAGER

LEWIS H. HOWARD, M.D.
CITY HEALTH OFFICER

JOSEPH D. McALLISTER
CITY TREASURER

LLOYD H. WIXSON
CITY AUDITOR

THOS. J. ELLIOTT
CITY ATTORNEY

PAUL J. CELLA
CITY MAGISTRATE

CARL M. HITT
CITY CLERK

January 3, 1952

Rec'd, Jan. 7-'52
208

Re: Lena #1 Claim
Pima County, Arizona
Uranium - DMA 1793X

C.O. Mittendorf
Administrator
Defense Minerals Exploration Administration
Washington, D.C.

My dear Sir -

Thirty days ago you asked me to remit sufficient information regarding D.M.A. 1793X.

Sir, I feel that sufficient data was furnished in the first report made for a loan. I would like to ask you to reconsider it at this time if at all possible.

We have gone ahead and succeeded in dropping the main shaft deeper and have also made other exploration work. We have progressed, considering the tools we employ.

A Government loan would expedite all this if such a loan to a "little fellow" is at all feasible.

Wishing you and your force the best in 1952,

I remain, respectfully yours,

William Rosenberg Jr.
William Rosenberg, Jr.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
JAN 7 8 25 AM '52

WR/mr

FILE COPY
SURNAME:

Gordon
Mittendorf

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

NOV 27 1951

Mr. William Rosenberg, Jr.
1235 East 16th Street
Tucson, Arizona

Re: Lena #1 Claim
Pima County, Arizona
Uranium - DMA 1793X

Dear Mr. Rosenberg:

Under date of July 13, 1951, DMA requested that you remit sufficient information to enable processing your application, DMA 1793X, for an exploration project. No reply has yet been received.

In view of the time elapsed, we assume that you are no longer interested in the project. Unless you advise us to the contrary within thirty (30) days, we shall accordingly close the docket.

Sincerely yours,

cc 11/27

C. O. Mittendorf (for)

Administrator
Defense Minerals Exploration
Administration

MRGordon'lm
11/23/51

cc: Admn. Reading File
Reports and Records
Mr. Keiser (GS)
Mr. Hosted (AEC)
Field Team Reg. IV (2)
Docket

BE

FILE COPY
SURNAME:

Gordon
Bourret

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

July 13, 1951

Mr. William Rosenberg, Jr.
1235 East 16th Street
Tucson, Arizona

Re: Lena #1 Claim
Pima County, Arizona
Uranium DMA-1793x

Dear Mr. Rosenberg:

Your application, DMA-1793x, for an exploration project in the sum of $35,140 has been received by the Minor and Rare Metals Branch of the Supply Division.

Before we can consider your application further, additional information is required. We suggest you expand your replies to form MF-103 questions No. 18 (a) and (b), 21, and 22, and submit supporting maps and assay plans, all in sufficient detail to substantiate the proposed exploration work together with a detailed outline and maps showing the precise work you propose to perform. You may also wish to reform your replies to questions 23 (a) to (i), which do not include sufficient description detail on the items to be built or purchased. A full description of each is desired, and only items necessary for your proposed exploration may be considered.

We wish to advise you that under the regulations governing exploration assistance, (MO-5), enclosed, applicants proposed program must be held to what is necessary for exploration only, and may not be expanded to include other expenses. Refer to section 8 (a) of the enclosure.

If you desire further aid or advice in this matter we suggest you contact Mr. J. H. East, Jr., Executive Officer, Field Team IV, 224 New Customhouse Building, Denver 2, Colorado.

Yours very truly,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosure
ERGordon/mh
cc: Adm. Read. File
Reports and Records
Lyon
Field Team IV
Bourret
Files

FILE COPY
SURNAME:

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

July 6, 1951

Mr. William Rosenberg, Jr.
1235 East 16th Street
Tucson, Arizona

Subject: DMA-1793X
Re: Exploration Loan

My dear Mr. Rosenberg:

Receipt is acknowledged of your application and attachments of June 18, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1793X and referred to Mr. Weston G. Bourret, Chief, Minor and Rare Metals Branch on July 5, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1793X.

Sincerely yours,

LANDON F. STROBEL
jc

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Bourret
Lyon

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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 1793 X

Date received 7-3-51

Participation

WILLIAM ROSENBERG, JR.
1235 East 16th Street
Tucson, Arizona

Name and address of applicant

Date June 18, 1951

FILL IN THIS BLOCK

Date of application June 18, 1951

Estimated cost $25,000.00 Plus 10,140 lab or Total 35,140

Mineral or metal Uranium

Percentage of Government participation 90% 25,000.00

Location of mine Papago Mining District Pima County, Arizona

Date of filing MF-100

DMA Docket Number, if available 1793X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration contract on Form MF-200, for your signature.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1951
LANDON F. STROBEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
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16—64067-1

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State amount of power to be used, rate per hour or other cost, and source.
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(3) Shipped or sold				

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THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
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22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
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    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

OBREGON & ROSENBERG
(Name of company)

By William Rosenberg Jr.
(Signature of authorized official) operator

JUNE 28, 1951
(Date)

Manuel L Obregon
(Title) owner

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Continuation Sheet, Form MF-103, dated June 18, 1951

1. Individual
2. None
3. None
4. Took mining Engineering at University of Arizona 4½ yrs., no degree. Currently working in capacity of Chief of Party, Engineering Dep't., City of Tucson, Arizona. Mr. Obregon, the owner, has had extensive mining experience for 18 years.
5. Mining claims in Federal land.
6. None
7. Not applicable
8. None
9. Proposes to furnish labor costs, approximately $9360.00 for first year. Sufficiently more than the 10% required under Section 9 of Mineral Order No. 5.
10.
   a. Papago Mining District, Pima County, Arizona
   b. SE¼ NW¼ & SW¼ NE¼ Sec 7, T17S R11E
11. Only present name of property
12. 50 miles southwest of Tucson, Arizona, and railroad spur, 20 miles from secondary highway (Tucson to Sasabe highway), and three miles from end of ranch road.
13. Water supply limited but sufficient supply to permit wet drilling Drinking water to be hauled approximately 1 mile. Power to be
14. used from generator plant to be purchased.
/- No existing facilities available.
15. Ore could be shipped by transporting to railhead at Tucson, Ariz. thence to Deming, New Mexico or Lewisville, Utah, for milling.
16. (a) Exploration commenced (preliminary) on March 1950
    (b) Lead and silver mine in adjoining property and mill presently under construction.
    (c) See attached file
17. No production presently
18. Undetermined
    (a) See attached file
    (b) " " "
    (c) Undetermined
19. Area surrounding principal claim within ½ mile radius extensively and definitely radioactive.
20. Uranium ore deposits.
21. Estimated exploration completion 6 months after approval; plan to be in limited operation 12 months after approval, and in full operation within 18 months after approval.
22. See attached report by Dr. Robert J. Wright, Geoligist, Atomic Energy Commission.
23. (See attached itemized cost breakdown)
24. (See attached itemized cost breakdown & time schedule.

Continuation Sheet No. 2, Form MF-103, dated June 18, 1951 (William Rosenberg, Jr.)

Item No. 23L

a. 2 muckers @ $12.00 per day, 1 yr 6240.00
b. 1 miner supervisor 15.00 " 1 yr 3900.00
Total labor 10,140.00

c. No existing facilities
d. 150.00 Tool shed
500.00 Quarters & kitchen
250.00 Powder storage magazine
2100.00 Roadway access to mine
3000.00
e.
500.00 compressor & hoses
300.00 jackhammer & fittings
300.00 centrifugal pump
2000.00 jeep & power take-off assy
3000.00 5-yd dump truck
300.00 generator (light plant)
3000.00 tracktor with bulldozer attachment
200.00 miscellaneous hand tools
500.00 drills, rock (and maintenance)
550.00 water storage facilities
500.00 messing equipment & cooking facilities
55.00 blasting magneto
11,205.00

f. none
g. none
h. cost of materials and supplies:
600.00 fuels & lubricants
1300.00 blasting powder
200.00 blasting caps
260.00 blasting fuse
2600.00 food & lodging
5835.00 Operating fund & capital
10,795.00

Grand total including labor $35,140.00

Continuation Sheet No. 3, Form MF-103 dated June 18, 1951 (William Rosenberg, Jr.

Item 24:

Time Schedule:

a. 6 months after approval:

(1) Exploration completed & determination as to best method of production.
Total expected expenditures, including capital equipment: $15,835.00

b. 12 months after approval:

(1) Expect to have 50% of capacity in production and actual shipment of ore to designated mill started
Total expenditures: $5,030.00

c. 18 months after approval:

(1) Full production
(2) Able to pay on principal to Government approximately 2½% Monthly. Total expenditures: $4135.00

Note: Applicant proposes to provide for payment of labor, and Government's share (less than 90%) will be $25,000.00

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

May 17, 1951

Hon. Harold A. Patten
House of Representatives
Washington 25, D. C.

My dear Mr. Patten:

This will acknowledge receipt of your letter of May 7, in regard to Mr. William Rosenberg Jr. In compliance with your request, I am returning herewith the complete Rosenberg file, including his letter of May 1, to you and the various attachments from the Atomic Energy Commission.

To assist you in advising Mr. Rosenberg regarding the Defense Minerals Administration exploration program we are enclosing herewith Mineral Order No. 5 entitled "Regulations Governing Government Aid in Defense Exploration Projects". Under section (2c) you will note that the ratio of government participation in the instance of uranium exploration is 90 percent. I am also enclosing five copies of form MF-103. Should Mr. Rosenberg decide to apply for assistance, he should complete this form in quadruplicate, retaining one copy for his files. In supplying the specific information describing the exploration work to be performed, I would call his attention particularly to questions No. 21 and 22 as the supporting data requested will be most helpful to us considering the application.

Should you require further assistance, kindly feel free to call on me.

Sincerely yours,

JAMES BOYD

Administrator

Enclosure

HAROLD A. PATTEN
2ND DISTRICT, ARIZONA

LANDON F. STROBEL

COMMITTEE ON
AGRICULTURE

Congress of the United States
House of Representatives
Washington, D. C.

May 7, 1951

5/9/51
Bourret
Reply - Boyd

Dr. James Boyd, Director
Bureau of Mines
Department of Interior
Washington, D. C.

Dear Dr. Boyd:

The enclosed letter with attachments from William Rosenberg, 1235 E. 16th Street, Tucson, Arizona, is forwarded for your information. After reviewing this material I shall appreciate an expression of opinion from you relative to the feasibility of Mr. Rosenberg's plan; also the possibility of his obtaining a federal loan in order to carry out this operation.

Please return all the enclosures with your reply in order that I may forward them to Mr. Rosenberg.

Sincerely yours,

Harold A. Patten

Harold A. Patten, M.C.

HAP/f
enclosures

[illegible], Arizona
[illegible], 1971

[illegible]

[illegible]

Dear Sir:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ADDRESS REPLY TO:

MANAGER OF OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 30, ANSONIA STATION
NEW YORK 23, NEW YORK

and refer to:

L:LCB

UNITED STATES
ATOMIC ENERGY COMMISSION
NEW YORK OPERATIONS OFFICE

License No. P-656

Mr. Manuel L. Obregon
515 South Park Avenue
Tucson, Arizona

Dear Mr. Obregon:

Pursuant to the Atomic Energy Act of 1946 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, and in view of the representations made in your application for license, you are hereby authorized:

> *To transfer and deliver possession of and title to raw source material from the claims listed in your application for license, reproduced in Schedule A, below, to any person licensed by the Atomic Energy Commission within the limits of his license.*

In the event claims other than those listed in Schedule A are to be operated and deliveries made under this license, you are required to notify the Licensing Division as to the names and locations of such claims, by letter, before deliveries are begun.

This license does not authorize you to receive possession of or title to raw source material from any other person, except samples which are exempt from the governing regulation as set forth in Section 40.11 of the regulation. Application for permission to receive raw source material from another person may be made on Form AEC-8, in triplicate.

As a condition of issuance of this license, you are required to report your inventories, production and deliveries of raw source material each month during which you delivered any, or owned or held possession of a ton or more. This report shall be made on Form AEC-3, in accordance with the instructions on the form.

This license shall expire at 12:01 a.m., E.S.T. on April 1, 1951.

FOR THE ATOMIC ENERGY COMMISSION

L C Burman

Lawrence C. Burman
Authorized Representative

Dated: April 12, 1950

SCHEDULE A

Lena 1 thru 11	Papago Mining District, Pima County, Arizona

9. **CERTIFICATION AND AGREEMENT.** THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION AND AGREEMENT ON BEHALF OF THE APPLICANT (1) CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH **CODE OF FEDERAL REGULATIONS**, TITLE 11—ATOMIC ENERGY, PART 40—CONTROL OF SOURCE MATERIAL; (2) CERTIFY THAT ALL INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND COMPLETE TO THE BEST OF THEIR KNOWLEDGE AND BELIEF; AND (3) AGREE THAT IN THE EVENT THAT THIS APPLICATION IS APPROVED BY THE ATOMIC ENERGY COMMISSION, AND A LICENSE IS ISSUED, THAT THE DULY AUTHORIZED REPRESENTATIVES OF THE COMMISSION MAY FREELY INSPECT AT ALL REASONABLE TIMES FACILITIES AND RECORDS, TAKE SAMPLES FOR ASSAY, AND DO SUCH OTHER THINGS AS WILL, IN THE OPINION OF THE COMMISSION, ASSURE THAT ALL SOURCE MATERIAL HANDLED BY THE APPLICANT UNDER THE AUTHORITY OF HIS LICENSE, IS PROPERLY ACCOUNTED FOR AND USED.

BY Manuel L Obregon
(Signature of applicant)

April 9, 1950
(Date)

Owner
(Title)

Section 35 (A) of the United States Criminal Code, 18 U. S. C. Sec. 80, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(FOR GOVERNMENT USE ONLY)

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

LICENSE NO. _____

SOURCE MATERIAL LICENSE

FORM (4-47) AEC-2

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

Form approved
Budget Bureau No. 38-R002.1
Approval expires 6/30/49

APPLICATION FOR AEC LICENSE TO TRANSFER, DELIVER, EXPORT, OR RECEIVE URANIUM OR THORIUM SOURCE MATERIAL

Pursuant to Code of Federal Regulations, Title II—Atomic Energy, Part 40—Control of Source Material

TO: U. S. Atomic Energy Commission,
P. O. Box 30, Ansonia Station,
New York 23, N. Y.

1. NAME AND ADDRESS OF APPLICANT (*Street, city, zone, state*)

Manuel L. Obregon
515 South Park Avenue
Tucson, Arizona

2. PREVIOUS AEC LICENSE NUMBER, IF ANY.

None

INSTRUCTIONS

File *two* (2) *copies* of this application with the U. S. Atomic Energy Commission, P. O. Box 30, Ansonia Station, New York 23, N. Y. This application may be used for an original license or for the renewal of a license. In the case of a renewal, this application should be received by the Commission on or before *30 days* before the expiration of the previous license. Complete blocks 1, 2, 3, 9, and if you combine two or more of the activities of Producer, Processor, Distributor, Exporter, or Consumer, complete each of the applicable blocks numbered 4 through 8.

3. INVENTORY. INVENTORY OF SOURCE MATERIAL, RAW AND REFINED, AS OF April 1, 1950 (Specify date of last inventory)

INSTRUCTION.—Include all source material in your possession or under your control, regardless of location. Include any source material you have possession of but which is owned by others, whether or not they are licensees of the Commission. Please specify that part of your inventory which is owned by other persons, listing the names, addresses, and quantities owned by each. Do not include in this inventory any raw source material not yet removed from its place of deposit in nature.

(a) Raw Source Material

DESCRIPTION OF MATERIAL	ESTIMATED PERCENT URANIUM OR THORIUM	QUANTITY IN INVENTORY (*Gross tons*)	NAME AND ADDRESS OF OWNER, IF DIFFERENT FROM THAT IN BLOCK 1 ABOVE
Source Material	approx. 0.05% to 2.10% of uranium	approx. 5 tons	

(b) Refined Source Material

DESCRIPTION OF MATERIAL	GRADE (*Comm., CP, USP, etc.*)	PERCENT OF URANIUM OR THORIUM	QUANTITY (*Lb.*)	NAME AND ADDRESS OF OWNER, IF DIFFERENT FROM THAT IN BLOCK 1 ABOVE

4. PRODUCERS. (*Miners of uranium and thorium containing ores and gravels*) [X] IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO TRANSFER AND DELIVER SOURCE MATERIAL AFTER ITS REMOVAL FROM ITS PLACE OF DEPOSIT IN NATURE, CHECK THIS BOX AND SUPPLY THE INFORMATION REQUESTED IN THIS BLOCK AS WELL AS THE INFORMATION REQUESTED IN BLOCKS 1, 2, 3, AND 9.

NAMES OF OPERATING PROPERTIES (*Show number of claims included on each property*)	LOCATIONS (*Mining district and county*)	NAMES AND ADDRESSES OF OWNERS IF DIFFERENT FROM APPLICANT	ESTIMATED QUANTITY OF ORE TO BE PRODUCED IN NEXT 12 MONTHS	ESTIMATED PERCENT URANIUM OR THORIUM
Lona, 1 through 11.	Papago Mining District, Pima County, Arizona		Refer to letter inclosed.	0.05% to 2.10% uranium

Form AEC-2 (4-47)

5. PROCESSORS. ☐ IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO CHEMICALLY PROCESS SOURCE MATERIAL, CHECK THIS BOX AND SUPPLY THE INFORMATION REQUESTED IN THIS BLOCK, AS WELL AS THE INFORMATION REQUESTED IN BLOCKS 1, 2, 3, AND 9.

(a) THE APPLICANT CHEMICALLY PROCESSES SOURCE MATERIAL IN PLANTS LOCATED AT: (*These plants include all of the plants in which the applicant will process source material under the terms of any license issued by the Commission.*)

1.

2.

3.

4.

(b) IN THE EVENT RESIDUES AND TAILINGS ARE TO BE DISCARDED PLEASE DESCRIBE THESE RESIDUES AND TAILINGS, THE FREQUENCY OF DISCARDS, THE PROBABLE SOURCE MATERIAL CONTENT AND THE REASONS FOR NOT CONSERVING THE MATERIAL:

6. DISTRIBUTORS. ☐ IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO RECEIVE SOURCE MATERIAL FOR RESALE ONLY, WITHOUT ANY INTERMEDIATE PROCESSING, CHECK THIS BOX AND COMPLETE BLOCKS 1, 2, 3, AND 9.

7. CONSUMERS. ☐ IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO USE SOURCE MATERIAL IN CHEMICAL ANALYSIS OR IN THE MANUFACTURE OF, OR FOR INCORPORATION IN, ANY PRODUCT, CHECK THIS BOX AND SUPPLY THE INFORMATION REQUESTED IN THIS BLOCK AS WELL AS THE INFORMATION REQUESTED IN BLOCKS 1, 2, 3, AND 9.

DESCRIPTION OF SOURCE MATERIAL TO BE USED	ESTIMATED ANNUAL REQUIREMENTS (*Lb.*)	USES INDICATE WHETHER (1) AS ANALYTICAL REAGENT, (2) FOR INCANDESCENT MANTLES, (3) MEDICINAL, OR (4) OTHER. IN THE CASE OF OTHER USES: DESCRIBE THE PRODUCT, THE SOURCE MATERIAL CONTENT, AND THE MANNER IN WHICH THE PRODUCT WILL BE USED.

8. EXPORTERS. ☐ IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO EXPORT SOURCE MATERIAL, CHECK THIS BOX AND SUPPLY THE BALANCE OF THE INFORMATION REQUESTED IN THIS BLOCK AS WELL AS THE INFORMATION REQUESTED IN BLOCKS 1, 2, 3, AND 9. (*Note that approval on Form AEC-7 is required for each individual export transaction.*)

Name and address of each of your agents who for your account will prepare Department of Commerce "Shipper's Export Declaration" (Form 7525-V), will request permission to export on Form AEC-7, and will ship source material.

NAME OF AGENT	ADDRESS

FOLD HERE FOR FILING

ADDRESS REPLY TO:

MANAGER OF OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 30, ANSONIA STATION
NEW YORK 23, NEW YORK

and refer to:

L: LCB

UNITED STATES
ATOMIC ENERGY COMMISSION
NEW YORK OPERATIONS OFFICE
SOURCE MATERIAL LICENSE

License No. P-656

Mr. Manuel L. Obregon
515 South Park Avenue
Tucson, Arizona

Dear Mr. Obregon:

Pursuant to the Atomic Energy Act of 1946 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, and in view of the representations made in your application for license, you are hereby authorized:

> *To transfer and deliver possession of and title to raw source material from the claims listed in your application for license, reproduced in Schedule A, below, to any person licensed by the Atomic Energy Commission within the limits of his license.*

In the event claims other than those listed in Schedule A are to be operated and deliveries made under this license, you are required to notify the Licensing Division as to the names and locations of such claims, by letter, before deliveries are begun.

This license does not authorize you to receive possession of or title to raw source material from any other person, except samples which are exempt from the governing regulation as set forth in Section 40.11 of the regulation. Application for permission to receive raw source material from another person may be made on Form AEC-8, in triplicate.

As a condition of issuance of this license, you are required to report your inventories, production and deliveries of raw source material each month during which you delivered any, or owned or held possession of a ton or more. This report shall be made on Form AEC-3, in accordance with the instructions on the form.

This license shall expire at 12:01 a.m., E.S.T. on **April 1, 1952.**

FOR THE ATOMIC ENERGY COMMISSION

Lawrence C. Burman

Lawrence C. Burman
Authorized Representative

Dated: **April 1, 1951**

SCHEDULE A

Lena #1 **Papago Mining District, Pima County, Arizona**

9. CERTIFICATION AND AGREEMENT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION AND AGREEMENT ON BEHALF OF THE APPLICANT (1) CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH CODE OF FEDERAL REGULATIONS, TITLE 11—ATOMIC ENERGY, PART 40—CONTROL OF SOURCE MATERIAL; (2) CERTIFY THAT ALL INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND COMPLETE TO THE BEST OF THEIR KNOWLEDGE AND BELIEF; AND (3) AGREE THAT IN THE EVENT THAT THIS APPLICATION IS APPROVED BY THE ATOMIC ENERGY COMMISSION, AND A LICENSE IS ISSUED, THAT THE DULY AUTHORIZED REPRESENTATIVES OF THE COMMISSION MAY FREELY INSPECT AT ALL REASONABLE TIMES FACILITIES AND RECORDS, TAKE SAMPLES FOR ASSAY, AND DO SUCH OTHER THINGS AS WILL, IN THE OPINION OF THE COMMISSION, ASSURE THAT ALL SOURCE MATERIAL HANDLED BY THE APPLICANT UNDER THE AUTHORITY OF HIS LICENSE, IS PROPERLY ACCOUNTED FOR AND USED.

BY Manuel L Obregon
(Signature of applicant)

April 9, 1951
(Date)

Owner
(Title)

Section 35 (A) of the United States Criminal Code, 18 U. S. C. Sec. 80, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(FOR GOVERNMENT USE ONLY)

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

LICENSE NO. _____

SOURCE MATERIAL LICENSE

FORM AEC-2 (4-47)

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

Form approved
Budget Bureau No. 38-R002.2.

APPLICATION FOR AEC LICENSE TO TRANSFER, DELIVER, EXPORT, OR RECEIVE URANIUM OR THORIUM SOURCE MATERIAL

Pursuant to Code of Federal Regulations, Title II—Atomic Energy, Part 40—Control of Source Material

TO: U. S. Atomic Energy Commission,
P. O. Box 30, Ansonia Station,
New York 23, N. Y.

1. NAME AND ADDRESS OF APPLICANT (*Street, city, zone, state*)

Manuel L. Obregon
515 South Park Avenue
Tucson, Arizona

2. PREVIOUS AEC LICENSE NUMBER, IF ANY:

P-656

INSTRUCTIONS

File *two (2) copies* of this application with the U. S. Atomic Energy Commission, P. O. Box 30, Ansonia Station, New York 23, N. Y. This application may be used for an original license or for the renewal of a license. In the case of a renewal, this application should be received by the Commission on or before *30 days* before the expiration of the previous license. Complete blocks 1, 2, 3, 9, and if you combine two or more of the activities of Producer, Processor, Distributor, Exporter, or Consumer, complete each of the applicable blocks numbered 4 through 8.

3. INVENTORY. INVENTORY OF SOURCE MATERIAL, RAW AND REFINED, AS OF March 14, 1951 (Specify date of last inventory)

INSTRUCTION.—Include all source material in your possession or under your control, regardless of location. Include any source material you have possession of but which is owned by others, whether or not they are licensees of the Commission. Please specify that part of your inventory which is owned by other persons, listing the names, addresses, and quantities owned by each. Do not include in this inventory any raw source material not yet removed from its place of deposit in nature.

(a) Raw Source Material

DESCRIPTION OF MATERIAL	ESTIMATED PERCENT URANIUM OR THORIUM	QUANTITY IN INVENTORY (*Gross tons*)	NAME AND ADDRESS OF OWNER, IF DIFFERENT FROM THAT IN BLOCK 1 ABOVE
Pitchblende	0.05%-2.1% uranium	35	

(b) Refined Source Material

DESCRIPTION OF MATERIAL	GRADE (*Comm., CP, USP, etc.*)	PERCENT OF URANIUM OR THORIUM	QUANTITY (*Lb.*)	NAME AND ADDRESS OF OWNER, IF DIFFERENT FROM THAT IN BLOCK 1 ABOVE

4. **PRODUCERS.** (*Miners of uranium and thorium containing ores and gravels*) [X] IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO TRANSFER AND DELIVER SOURCE MATERIAL AFTER ITS REMOVAL FROM ITS PLACE OF DEPOSIT IN NATURE, CHECK THIS BOX AND SUPPLY THE INFORMATION REQUESTED IN THIS BLOCK AS WELL AS THE INFORMATION REQUESTED IN BLOCKS 1, 2, 3, AND 9.

NAMES OF OPERATING PROPERTIES (*Show number of claims included on each property*)	LOCATIONS (*Mining district and county*)	NAMES AND ADDRESSES OF OWNERS IF DIFFERENT FROM APPLICANT	ESTIMATED QUANTITY OF ORE TO BE PRODUCED IN NEXT 12 MONTHS	ESTIMATED PERCENT URANIUM OR THORIUM
Lena #1	Papago Mining District, Pima County, Arizona			0.05% to 2.10% uranium

5. PROCESSORS. ☐ IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO CHEMICALLY PROCESS SOURCE MATERIAL, CHECK THIS BOX AND SUPPLY THE INFORMATION REQUESTED IN THIS BLOCK, AS WELL AS THE INFORMATION REQUESTED IN BLOCKS 1, 2, 3, AND 9.

(a) THE APPLICANT CHEMICALLY PROCESSES SOURCE MATERIAL IN PLANTS LOCATED AT: (*These plants include all of the plants in which the applicant will process source material under the terms of any license issued by the Commission.*)

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6. DISTRIBUTORS. ☐ IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO RECEIVE SOURCE MATERIAL FOR RESALE ONLY, WITHOUT ANY INTERMEDIATE PROCESSING, CHECK THIS BOX AND COMPLETE BLOCKS 1, 2, 3, AND 9.

7. CONSUMERS. ☐ IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO USE SOURCE MATERIAL IN CHEMICAL ANALYSIS OR IN THE MANUFACTURE OF, OR FOR INCORPORATION IN, ANY PRODUCT, CHECK THIS BOX AND SUPPLY THE INFORMATION REQUESTED IN THIS BLOCK AS WELL AS THE INFORMATION REQUESTED IN BLOCKS 1, 2, 3, AND 9.

DESCRIPTION OF SOURCE MATERIAL TO BE USED	ESTIMATED ANNUAL REQUIREMENTS (*Lb.*)	USES INDICATE WHETHER (1) AS ANALYTICAL REAGENT, (2) FOR INCANDESCENT MANTLES, (3) MEDICINAL, OR (4) OTHER. IN THE CASE OF OTHER USES, DESCRIBE THE PRODUCT, THE SOURCE MATERIAL CONTENT, AND THE MANNER IN WHICH THE PRODUCT WILL BE USED.

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Name and address of each of your agents who for your account will prepare Department of Commerce "Shipper's Export Declaration" (Form 7525-V), will request permission to export on Form AEC-7, and will ship source material.

NAME OF AGENT	ADDRESS

FOLD HERE FOR FILING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SOUTHWEST EXPERIMENT STATION
Box 4097
UNIVERSITY STATION
Rocky Mountain Region

TUCSON, ARIZONA

March 27, 1950

Subject: Samples for Analyses
Reference Nos. 352 and 353

Manuel Obregon
515 South Park Ave.
Tucson, Arizona

My dear Mr. Obregon:

Reference is made to your samples from Altar Valley near Sasabe Highway, Pima County, Arizona, which you brought to this station for uranium determination.

Radiometric tests on these samples show the following:

Our Reference	Your reference	Percent U_3O_8
UP-352	Salvage Material	2.1%
" 353	Contact Rock	0.16%

Sincerely yours,

J. Bruce Clemmer

J. BRUCE CLEMMER
Acting Chief, Tucson Branch
Metallurgical Division

FOR VICTORY
BUY UNITED STATES SAVINGS BONDS AND STAMPS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SOUTHWEST EXPERIMENT STATION
Box 4097
UNIVERSITY STATION
Rocky Mountain Region

TUCSON, ARIZONA

March 15, 1950

Subject: Sample for Analysis
Reference Number UP-339

Manuel Obregon
515 South Park Ave.
Tucson, Arizona

My dear Mr. Obregon:

Reference is made to your second sample from Altar Valley near Sasabe Highway, Pima County, Arizona, brought to this station for uranium determination.

UP-339 Chemical analysis on this sample shows it to contain 0.27 percent uranium.

Sincerely yours,

J. Bruce Clemmer
J. Bruce Clemmer
Acting Chief, Tucson Branch
Metallurgical Division

Papago Mining Dist.

FOR VICTORY
BUY UNITED STATES SAVINGS BONDS AND STAMPS

Box 4097, University Station
Tucson, Arizona
ADDRESS REPLY TO:

RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

and refer to: RMEE:RJW

UNITED STATES
ATOMIC ENERGY COMMISSION
RAW MATERIALS OPERATIONS
NEW YORK OFFICE

June 20, 1950

Mr. Manuel Obregon
515 South Park Avenue
Tucson, Arizona

Dear Mr. Obregon:

The contrast in uranium content between samples Nos. 8057 and 8058, both of which crossed the same radioactive fissures, is due, I believe, to the loss of radioactive films along the fissures cut by sample No. 8057.

The uranium mineralization appears to be controlled by a set of steeply dipping parallel fissures which trend about north 55° west. The highest radioactivity is concentrated along two fissures about 3 inches apart. Pitchblende has been identified in one sample of this material submitted by you to the laboratory of the Atomic Energy Commission in New York City. Kasolite, a secondary lead-uranium mineral, has been identified in samples submitted by you to the U.S. Bureau of Mines in Tucson. The other mineralization is sparse and includes pyrite, galena, and quartz.

I hope that this information will prove of help in your work. If you have any questions please do not hesitate to call on me.

Very truly yours,

Robert J. Wright

ROBERT J. WRIGHT,
Geologist.

Lena Claim

Location of Property:

Location of samples: Face of prospect pit

Property holder: Manuel Obregon

Date of Examination: June 8, 1950

Samples collected by: Robert J. Wright

Atomic Energy Commission No.	Bureau of Mines No.	Description	Analyses
8057	UP-498	0.3' channel cut across radioactive fissures.	.02% U_3O_8 (chemical) less than .02% lead .15 oz. silver trace gold
8058	UP-499 A	0.6' channel cut across radioactive fissures.	.12% U_3O_8 (chemical)
8059	UP-499 B	4.5' channel cut across working face from radioactive fissure into foot wall.	.01% U_3O_8 (chemical)
8060	UP-500	Grab sample of country rock.	.007% U_3O_8 (radiometric)

ADDRESS REPLY TO:

RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 30, ANSONIA STATION
NEW YORK 23, NEW YORK

and refer to:
RMEM:MM

UNITED STATES
ATOMIC ENERGY COMMISSION
RAW MATERIALS OPERATIONS
NEW YORK OFFICE

May 26, 1950

Mr. Manuel L. Obregon
515 South Park Avenue
Tucson, Arizona

Subject: SAMPLES FROM [illegible] MINING DISTRICT, [illegible]

Dear Mr. Obregon:

Please refer to your letter of April 19, 1950 and to the two samples that we received from you on April 28 and May 18, 1950. The samples have been studied in our laboratory with the following results:

The sample which reached us on April 28th, our reference number 4004A, weighs approximately 12 pounds and consists of four large specimens. The sample was crushed and split and a split portion ground to minus 100 mesh shows by Geiger counter tests 0.1% U_3O_8 equivalent. The sample is composed essentially of vein quartz together with a variety of ore minerals. Galena, pyrite, magnetite, chalcopyrite, sphalerite(?) and pitchblende constitute the chief metallic minerals present. The radioactivity in this sample probably results entirely from pitchblende since no secondary uranium minerals were observed.

Sample number 4004B, which we received on May 18th, weighs approximately seven pounds and consists of two large specimens. This sample was crushed and split and a split portion ground to minus 325 mesh shows by Geiger counter tests 0.1(8)% U_3O_8 equivalent. The sample is in many respects similar to number 4004A. It is a siliceous rock composed chiefly of quartz and serpentine, together with later calcite and a variety of ore minerals. The ore minerals are chiefly pyrite, chalcopyrite, galena and the sulfides of copper and possibly silver. The determination of the silver sulfide is tentative but more detailed tests on this mineral are being undertaken. The radioactivity in the sample results entirely from pitchblende which occurs either finely disseminated throughout the rock or in thin veinlets paralleling slickensided surfaces.

Mr. Manuel L. Obregon
May 26, 1950

These samples are of interest to us and we appreciate your having sent them to the Atomic Energy Commission for analysis. One of our field geologists, Dr. Robert Wright, is planning some field investigations in southern Arizona early in June and we would be pleased to have him examine your property if this is agreeable to you. Dr. Wright will contact you directly when he reaches Arizona so that definite arrangements can be made concerning the precise time of his proposed visit.

Very truly yours,

Robert D. Nininger

Robert D. Nininger
Deputy Asst. Manager