



## **CONTACT INFORMATION**

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Arizona Department of Mines and Mineral Resources Mining Collection

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01/15/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: BARIUM MINE

ALTERNATE NAMES:

GRAHAM COUNTY MILS NUMBER: 188

LOCATION: TOWNSHIP 8 S RANGE 21 E SECTION 5 QUARTER C  
LATITUDE: N 32DEG 46MIN 05SEC LONGITUDE: W 110DEG 13MIN 16SEC  
TOPO MAP NAME: BUFORD HILL - 7.5 MIN

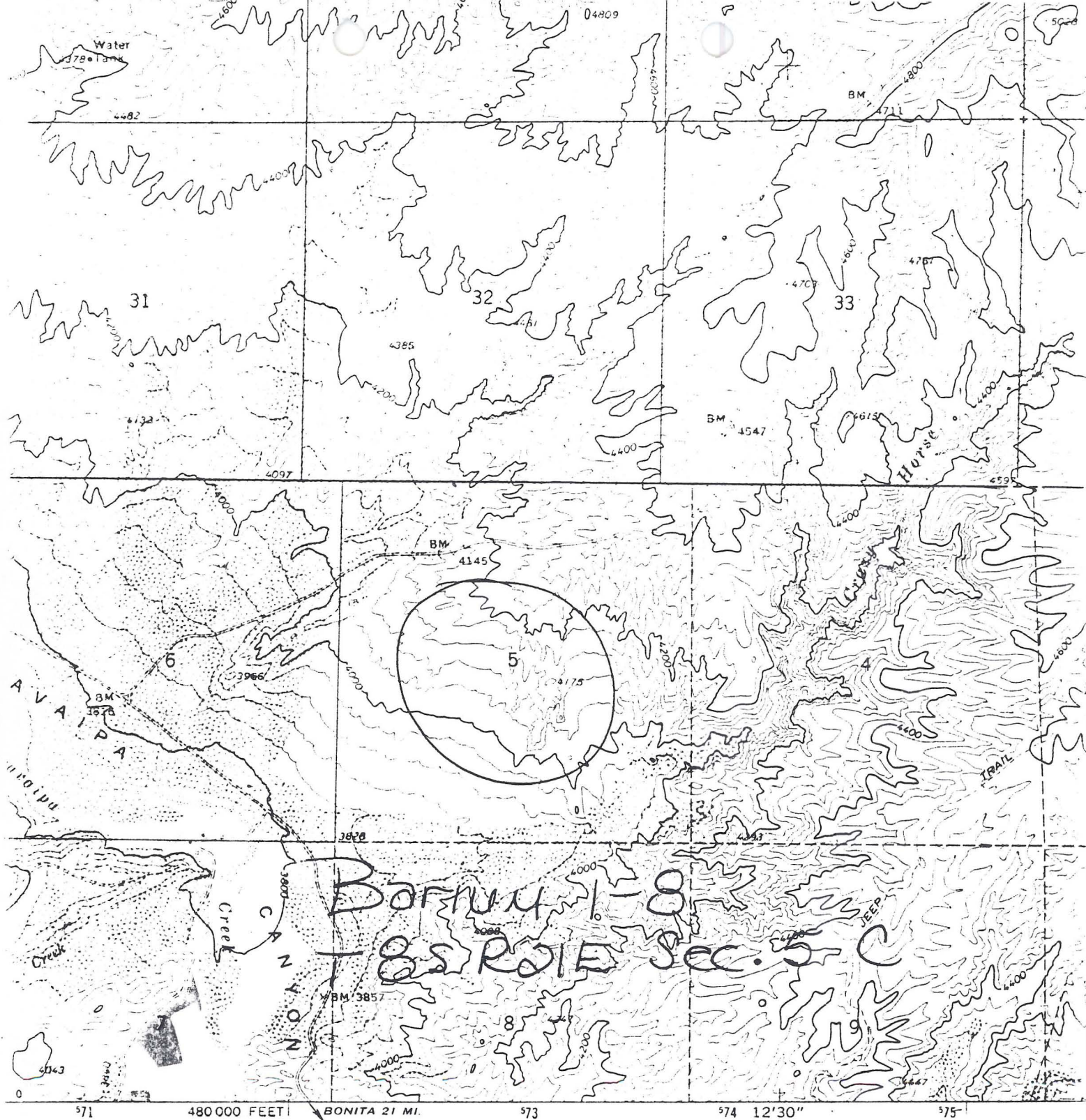
CURRENT STATUS: EXP PROSPECT

COMMODITY:

BA WITHERITE  
F FLUORSPAR

BIBLIOGRAPHY:

ADMMR BARIUM MINE FILE



...ted, and published by the Geological Survey

GS and NOS/NOAA

...y photogrammetric methods from aerial  
...taken 1971. Field checked 1972

...d 10,000-foot grid ticks: Arizona coordinate  
...one (transverse Mercator)

...niversal Transverse Mercator grid ticks,  
...n in blue. 1927 North American datum

...ed lines indicate selected fence lines

UTM GRID AND 1972 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

*Buford Hill, AZ 7.5'*

THIS MAP COMP  
FOR SALE BY U. S. GEOLOGICAL  
A FOLDER DESCRIBING T

BARTUM

MATHEWS, J. D.,  
Thatcher, Arizona

1-26-1942

Mr. Louis A. Kuehne, Box 366, Globe, wrote Mr. Schalmo of OPM that Mr. J. D. Mathews has showed him some barium carbonate ore. He has a large deposit in Graham Mountains. Also advises that Mr. Diehl has some of the ore in his office.

Sent M. O. Report and asked for return as soon as possible.  
2-5-1942.

ARIZONA DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA

December-10,-1957

January 29, 1958

To the Owner or Operator of the Arizona Mining Property named below:

Barium and Flourspar  
(ore)

we would like to have

form with as complete detail  
of returns, shipment returns  
which might interest a

J. D. Matthews  
~~Platcher, Arizona~~

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report

RESOURCES

ds

MAIL ROOM

Returns to  
Writer

REASON CHECKED  
Unclaimed..... Refused.....  
Unknown.....  
For better address.....  
Moved, Left no address.....  
No such office in state.....



*Matthews*

13 March 1942

Mr. J. D. Matthews,  
Thatcher, Arizona.

My dear Mr. Matthews:

I am enclosing herewith a copy of mine owner's report filed with this department covering the BARIUM MINE located in the Clark Mining District, Graham County, Arizona.

I shall be glad to submit this report to anyone making inquiry for a property such as yours.

Replying to your letter of February 22 regarding your desire to deed this property over to the government to help win the war, I beg to advise that there is no department of the government to whom it could be given. However, I think your spirit very commendable, and it is men like you that make the winning of this war inevitable.

With kindest personal regards, I am

Yours very truly,

Charles F. Willis  
Chairman, Board of Governors

CFW-jrf  
encl.

P. S. I am also returning copy of Assay Certificate made by Harry Diehl. Copy has been made of this assay and placed in our files.

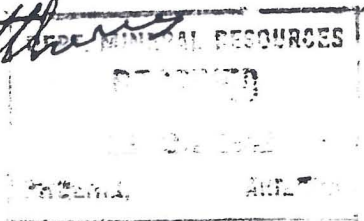
C. F. W.

Thatcher Feb 23/42

The Department Mineral  
Receives Permission

Dear Gentlemen in regards  
to my Mineral Deposits which  
I gave you I would appreciate  
if you if you would give  
the Government the instrument  
that you have of my property  
that if they need Permission that  
I will be pleased to give a  
quick claim deed to the  
Government to help mine  
the more you truly

J. D. Matthews



*Handwritten mark*

5 February 1942

Mr. J. D. Mathews,  
Thatcher, Arizona.

My dear Mr. Mathews:

Mr. F. F. Schalmo of the Office of Production Management, Phoenix, Arizona, has referred to this department a letter written by Mr. Louis A. Kuehne, Box 366, Globe, Arizona, regarding your barium deposit, and has requested that we obtain all information possible - quantities available, facilities for production, etc.

I am enclosing herewith a blank mine owner's report, which I should suggest that you fill out in detail and return to this office so that information may be available concerning your property.

Thanking you in advance for your early attention to this matter, and with best wishes, I am

Yours very truly,

Charles F. Willis  
Chairman, Board of Governors

CFW-jrf  
encl.

cc-Louis A. Kuehne



Globe Ariz. Jan. 26 - 42

F. E. Shalmo  
Security Bldg.  
Phoenix, Ariz.

Dear Sir:

Mr. J. R. Mathews  
Thatcher Arizona, showed me some  
barren carbonate ore yesterday, he has  
a large deposit in the Graham Mts.  
I showed him your add in the  
pay dirt, and he asked me to call  
your attention to his deposit, Mr.  
Fiehl the assayer in Phoenix  
has some of the ore that you can  
see, and most likely some more  
data on this deposit

Yours Truly

James A. Kuehner

Box 366 Globe

DEPT. MINERAL RESOURCES  
RECEIVED  
MAY 8 1942  
ARIZONA

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

Date May 6, 1942.

- 1. Mine Barium No. 1 to 8.
- 2. Location Clark Mining District, Graham County, Arizona.
- 3. Mining District & County Clark Mining District Graham County, Arizona.
- 4. Former name (none)
- 5. Owner J. D. Matthews
- 6. Address (Owner) Thatcher, Arizona.
- 7. Operator J. D. Matthews
- 8. Address (Operator) Thatcher, Arizona
- 9. President, Owing Co. none
- 9A. President, Operating Co. none
- 10. Gen. Mgr. none
- 14. Principal Minerals Barium & Flowspar
- 11. Mine Supt. none
- 15. Production Rate none
- 12. Mill Supt. none
- 16. Mill: Type & Cap. none
- 13. Men Employed two
- 17. Power: Amt. & Type Hand work
- 18. Operations: Present Doing assessment & small improvement

19. Operations: Planned None at present

20. Number Claims, Title, etc. Eight claims named as follows: Barium No. 1, Barium No. 2, Barium No. 3, Barium No. 4, Barium No. 5, Barium No. 6 Barium No. 7 and Barium No. 8.

21. Description: Topography & Geography Clark Mining District, Graham County, Arizona. In foothills west of Graham Mountains. Within three miles Wilcox High. 35 miles to shipping point. Can drive car to claims. Clark mining District has been known for forty years.

22. Mine Workings: Amt. & Condition 12 different open workings on property. Vein from 1 foot to 4 or 5 feet wide. Vein run parallel, length 12000 feet. All workings show ore.

*So few changes in 2000 (over) part of mine to make new copies.*

23. Geology & Mineralization Mountainous country mineralized with copper, gold and barium. Small amount of silver.
24. Ore: Positive & Probable, Ore Dumps, Tailings Positive. 50 tons of ore on dumps.
- 24A. Dimensions and Value of Ore body from 1 to 5 feet wide, 12000 feet long.  
Value not known.
25. Mine, Mill Equipment & Flow-Sheet none
26. Road Conditions, Route Good highway to within about three miles. Fair condition remaining three miles. Can drive over with touring car or truck.
27. Water Supply Plenty water on property for domestic and milling purposes.
28. Brief History first located claim over year ago. Have kept up assessment work and done some improvement work.
29. Special Problems, Reports Filed ~~No problems to overcome. Filed report with Mineral Resources, Phoenix.~~
30. Remarks Think claims valuable. Need capital to improve and work mines. Will sell or lease. At present work and ship on small scale. If buyer interested notify undersigned few days in advance at above address and will be available to show property.
31. If property for sale: Price, terms and address to negotiate. Not in position to give sale price. Would be willing to take reasonable price, based on capable engineer's estimate of value.

32. Signature

*J. D. Matthews*

33. Use additional sheets if necessary.

## DEPARTMENT OF MINERAL RESOURCES

MB-76

State of Arizona  
MINE OWNER'S REPORT

Date: February 11, 1942.

1. Mine: BARIUM MINE
2. Location: 28 miles west of Thatcher, Arizona.
3. Mining District & County: Clark Mining District, Graham County, Arizona.
4. Former Name:
5. Owner: J. D. Matthews
6. Address (Owner): Thatcher, Ariz.
7. Operator:
8. Address (Operator):
9. President, Owning Co:
- 9A. President, Operating Co:
10. Gen. Mgr:
14. Principal Minerals: Barium.
11. Mine Supt:
15. Production Rate:
12. Mill Supt:
16. Mill - Type & Cap:
13. Men Employed:
17. Power - Amt. & Type:
18. Operations - Present: None.
19. Operations - Planned: Road Work.
20. Number Claims, Title, etc: 8 unpatented claims.
21. Description - Topography & Geography: West side of Graham Mountains  
Pinon and cedar vegetation  
Elevation from 5000 to 6000 feet.
2. Mine Workings - Amt. & Condition: 6 assessment holes  
1 - 300 ft. tunnel  
1 - 200 ft. shaft  
4 - 8x10 holes

(over)

23. Geology & Mineralization: 2 veins, Run easterly and westerly direction and about one-half mile between veins. Volcanic formation.
24. Ore - Positive & Probable, Ore Dumps, Tailings: About 1 carload of ore on dump. Shows ore on all 8 claims and vein will run from 6 inches to  $3\frac{1}{2}$  or 4 feet in width. No limit to amount. There is not a place on the 8 claims that does not show ore.
- 24A. Dimensions and Value of Ore body: Assay shows Barium Sulphate 87.52  
Oxide 57.50
25. Mine, Mill Equipment & Flow-Sheet: None.
26. Road Conditions, Route: Fair road. Leave highway 70 at about 4 miles west of Pima; Arizona; turn south about 28 miles. County road, except for about  $3\frac{1}{2}$  miles.
27. Water Supply: Plenty of water within three miles of property that would justify a mill.
28. Brief History: Was worked by an eastern company about 38 years ago.
29. Special Problems, Reports Filed: Finances to carry on development.
30. Remarks: 5 claims that turning car can be driven right onto the ground; could drive truck right up to ore now on dump.
31. If property for sale - Price, terms and address to negotiate: For sale or lease, reasonable terms.
32. Signature: (Signed) J. D. MATTHEWS  
Thatcher, Arizona