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The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LAS GUIJAS MINE

ALTERNATE NAMES:

BLACK GOLD GROUP
IMMENSE LODES
GRAND LODES
GENERAL ELECTRIC
OBREGON CLAIMS

PIMA COUNTY MILS NUMBER: 44

LOCATION: TOWNSHIP 20 S RANGE 9 E SECTION 25 QUARTER SW
LATITUDE: N 31DEG 39MIN 26SEC LONGITUDE: W 111DEG 22MIN 43SEC
TOPO MAP NAME: ARIVACA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

TUNGSTEN
GOLD LODE
SILVER
COPPER SULFIDE
LEAD SULFIDE
ZINC SULFIDE
FLUORINE FLUORSPAR

BIBLIOGRAPHY:

S.B. KEITH, AZBM BULL. 189, P. 105, 1974
AZBM BULL. 148, P. 37-39
USBM RI 5650, P. 102-104, (BLACK GOLD GROUP)
SHEIKH, A.M., 1966, GEOLOGY AND ORE DEPOSITS
OF LAS GUIJAS TUNGSTEN DIST. M.S. THESIS
SHEIKH, A.M., 1970, ECONOMICAL GEOLOGY, V. 65
NO. 7, P. 875-882
ADMMR LAS GUIJAS MINE FILE

Las Guijas

May 25, 1939.

Elgin B. Holt,
Jefferson Hotel,
Phoenix, Arizona.

Mr. T. E. Fomeroy,
226 E. 1st Ave.,
Mesa, Ariz.

Dear T. E. :

In answer to your letter of May 22nd, it will be quite impossible for me to run down to see the tungsten mine at Las Guijas below Tucson, as we are very busy with routine matters connected with our work now and within a few days I will have to go on to Kingman.

It might be a good idea if you could contact one of our engineers, Mr. Miles Carpenter who lives in Tucson, about this matter. He is here now attending our "school," but will return to Tucson next Saturday afternoon. He is well acquainted with Las Guijas and might be able to help you.

Very sincerely yours,

E. B. Holt.

*

Mesa Ariz May 23 / 39

Mr E B Holt
Prescott Ariz

Dear Sir
I have been expecting to hear
from you about the Las

Guifas Tungsten property

I heard again from the owner
about a week ago and he is still
waiting for me say in addition
to carrying 2 ^{to} Tungsten it also
carries silver gold of good value
present prices +

If you could run down long enough
to check over take samples we
could get an option out and
H.C. could handle my part
If as represented good money should
be made off I may let you know
if you will be able to get away

I see by papers you are
having a school of mines
at Capital

This might be your chance
to tie up before you get started
at Kingman

Am addressing you at Hotel
Jefferson if you receive it kindly
answer soon

This is the same mine you
knew about as the owner calls

A the ^{Las} Guajar Tungsten mine
says there is 800 feet of drifts
& ~~drifts~~ and that a small
mill is being installed near it

* He also has a gold prospect
working & shipping ore for
some time past might be worth
investigation

Sincerely yours

J. E. Pomeroy
226 E 1st Ave. Mesa Ariz

LAS GUIJAS MINE

PIMA COUNTY

Mine visit to the Las Guijas Tungsten Mines, no one around, abandoned. New road across the Las Guijas Mts.

GWI WR 7/6/68

Mine visit. Las Guijas mine area. GWI WR 7/4/71

USBM 5650, 1960, p. 104 (Black Gold Group)
ABM Bull. 148, p. 39

RRB WR 11/6/81: Bill Baker, Arivaca, AZ. reports that he will have a lease-purchase agreement for the Big Banana tungsten property on the Papago Reervation if he can get the paperwork done to the satisfaction of the people backing him financially. He checked the General Electric Group (Las Guijas File) while he was in office. He also reported that Archie Stutenroth is busy running tests on gold ores from all over the west at this mill in Casa Grande.

*

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

↓
Mine Obregon Claims

Date March 13, 1956.

District Las Guijas District, Pima County

Engineer Axel L. Johnson

Subject: Present Status.

Location Las Guijas District

Number of Claims 2 claims.

Owners Canez Bros., Arivaca, Ariz.----- Joe Canez and his two brothers.

Operators Not in operation.

Principal Minerals Tungsten ore in the form of scheelite.

Remarks According to William Brouse, Arivaca, the Canez Brothers still own this property.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORTREPORT BY:
A. BRODIE CAMPBELL

Date May 5, 6, 1942

1. Mine OBREGON CLAIMS
2. Mining District & County Las Guijas Dist.
Pima Co.
3. Former name Manuel Obregon
4. Location Las Guijas
5. Owner Canez Bros.
6. Address (Owner)
7. Operator " "
8. Address (Operator) Arivaca, Arizona.
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Scheelite
14. Men Employed NONE
15. Production Rate NONE
16. Mill: Type & Cap. NONE
17. Power: Amt. & Type NONE
18. Operations: Present None. Occasional high-grading
19. Operations Planned Development work
20. Number Claims, Title, etc. 2 claims held by location
21. Description: Topography & Geography Rugged, mountainous.
22. Mine Workings: Amt. & Condition one thirty-foot winze; several trenches.

23. Geology & Mineralization **Quartz veins in granite. Lime and shale attendant. Some andesite showing. More fractured conditions than are generally encountered in this section of the district. Strike is about N - 80 - W, Dip 40 - 70° N**

24. Ore: Positive & Probable, Ore Dumps, Tailings **NONE**

24-A Vein Width, Length, Value, etc. -----

25. Mine, Mill Equipment & Flow Sheet -----

26. Road Conditions, Route **Good to within one mile of mine. Same as to Las Guijas.**

27. Water Supply **Limited. Needs development.**

28. Brief History **Intermittent surface hi-grading for forty years. May have produced 200 units of WO_3**

29. Special Problems, Reports Filed **Tungsten Deposits of Arizona, Wilson, 1942 *Bulletin 148***

30. Remarks **Has good possibilities for small production. Structure and mineralization nearly as favorable as western end. Should be considered as attendant to the Guijas District for a central mill. This property could probably supply some ore to a central mill.**

31. If property for sale: Price, terms and address to negotiate. **No one on property when visited. Talked to one of the Canez brothers at Fernstrom's mill. They want a little money to start. Believe they would make almost any kind of deal.**

32. Signed.....

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Las Guijas Mine Date June 2, 1954
District Las Guijas District ----Pima County Engineer Axel L. Johnson
Subject: Report of Mining Operations

Location Sec. 24 -- T 20 S -- R 9 E About 7 miles NW of Arivaca by air, ----16 miles by road. Go north about 8 miles from Arivaca on the Arivaca-Kinsley road. Turn left (West) and go about 8 miles west on Las Guijas Road.

Number of Claims 37 claims-----some patented.

Owners U. S. Vanadium Corp., reported to have bought the property from General Electric.

Lessee Frank Parker, Arivaca, Ariz.

Sub-Lessees and Operators Otho V. Kinsley, Kinsley, Arizona.
Gene Casey, Arivaca, Ariz.
Chas. Brouse, Arivaca, Ariz.

Metals and Minerals Tungsten ore in the form of wolframite.

Number of Men employed Operation is just starting.

Production Rate Operation just starting.

Geology and Mineralization See report in file under date of May 5, 1942.

Ore in Sight and Probable No ore in sight. See report of May 5, 1942.

Milling and Marketing Facilities Operators have acquired the Jarnegin Mill about 4 miles north of Arivaca, and will mill ore from the Las Guijas mine waste dump, and also some ore from the mine at the Jarnegin mill. Ore will have to be hauled by truck from the Las Guijas Mine to the Jarnegin mill, as distance of about 20 miles.

Past History See report on file under date of May 5, 1942,

Present Mine Workings See report on file under date of May 5, 1942.

Proposed Plans Operators expect to rework the Las Guijas mine waste dump, which they claim runs about \$10.00 per ton in tungsten values (about 0.16 % WO₃). They expect to screen the fines out on the dump site, and hand sort the coarse material, sorting out most of the rock from the coarse material. The remainder of the coarse material, containing some ore materials, and all of the fines will be trucked about 20 miles to the Jarnegin Mill 4 miles north of Arivaca for milling. The mill capacity of the Jarnegin mill is about 30 tons per 24 hours. Mill consists of a jaw crusher, a rod mill, and one table.

Operators also expect to mine some ore from the old mine workings.

*

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Las Guijas Mine

Date June 2, 1954

District Las Guijas District ----Pima County

Engineer Axel L. Johnson

Subject: Report of Mining Operations

Location Sec. 24 -- T 20 S -- R 9 E About 7 miles NW of Arivaca by air, ----16 miles by road. Go north about 8 miles from Arivaca on the Arivaca-Kinsley road. Turn left (West) and go about 8 miles west on Las Guijas Road.

Number of Claims 37 claims-----some patented.

Owners U. S. Vanadium Corp., reported to have bought the property from General Electric.

Lessee Frank Parker, Arivaca, Ariz.

Sub-Lessees and Operators ✓Otho V. Kinsley, Kinsley, Arizona.
✓Gene Casey, Arivaca, Ariz.
✓Chas. Brouse, Arivaca, Ariz.

Metals and Minerals Tungsten ore in the form of wolframite.

Number of Men employed Operation is just starting.

Production Rate Operation just starting.

Geology and Mineralization See report in file under date of May 5, 1942.

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Milling and Marketing Facilities Operators have acquired the Jarnegin Mill about 4 miles north of Arivaca, and will mill ore from the Las Guijas mine waste dump, and also some ore from the mine at the Jarnegin mill. Ore will have to be hauled by truck from the Las Guijas Mine to the Jarnegin mill, as distance of about 20 miles.

Past History See report on file under date of May 5, 1942,

Present Mine Workings See report on file under date of May 5, 1942.

Proposed Plans Operators expect to rework the Las Guijas mine waste dump, which they claim runs about \$10.00 per ton in tungsten values (about 0.16 % WO₃). They expect to screen the fines out on the dump site, and hand sort the coarse material, sorting out most of the rock from the coarse material. The remainder of the coarse material, containing some ore materials, and all of the fines will be trucked about 20 miles to the Jarnegin Mill 4 miles north of Arivaca for milling. The mill capacity of the Jarnegin mill is about 30 tons per 24 hours. Mill consists of a jaw crusher, a rod mill, and one table.

* Operators also expect to mine some ore from the old mine workings.

Visited Las Guijas, Tungsten, no one around (not active).

GWI WR 11/11/67

STATUS OF DORMANT MINES

MINE NAME: Las Guitas (Stewart Group)

LOCATION: ARIKACA PIMA Co ARIZONA.

OWNER AND/OR LEASEE: L. F. FERNSTROM

ADDRESS: RUBY STAR RT. BOX #51 TUCSON ARIZ.

APPROXIMATE PRODUCTION (Year of 1945):

COPPER _____ Lbs. LEAD _____ Lbs.

ZINC _____ Lbs. (OTHER) TUNGSTEN 6000 "

CHECK THE CHIEF CAUSE OF YOUR DISCONTINUED PRODUCTION:

- (A) Easily available ore worked out.
- (B) Increased costs, but have quantity similar to past grade of ore.
- (C) Too close a margin to develop more ore.
- (D) _____

If you have ore ready to mine please give your estimate of the amount of metal (name each metal) that you could produce in one year (after allowing 60 days to get started) if there were premiums above present market prices. Name amount with a low premium, and amount at a high premium; such as:

Copper at 22 $\frac{1}{2}$ ¢ plus 5¢ premium..... 1,000,000 Lbs.
 Copper at 22 $\frac{1}{2}$ ¢ plus 10¢ premium..... 1,500,000 Lbs.

NOOO LBS @ \$35.00 per unit

If you do not have ore ready to mine please discuss the following:

- (A) Do you think a reasonable development program would produce a justified tonnage of commercial ore at above mine?

DEFIANETLY So

- (B) With a premium price (guaranteed for one year) could you carry out such a development program yourself? What premium?

AT \$35 PER UNIT AND SOME DEVELOPMENT MONEY

(C) If you could not do this yourself, would a quick drilling program by some government agency (at government expense) be sufficient?

(D) Or would you prefer a loan plan similar to the arrangements during World War II?

WOULD PREFER A LOAN SIMILAR AS
DRIVING WORLD WAR II

How about a combination plan in two stages such as follows?

Stage 1: Government engineers review project and, if a little drilling appears to be justified and a preliminary key to the situation, such drilling program to be agreed upon by owner and government engineer, paid for by the government, but let by contract.

Stage 2: If results of drilling (or without drilling) justify underground development and/or production equipment, same to be obtainable via a mortgage loan on property.

Please discuss the above: Necessary drilling and if
new ore bodies present, propose to develop them via a
mortgage loan on property and have the Govt. guarantee
the price to \$35.00 per unit.

SUGGESTIONS:

It is about time that the Government recognizes
that it is getting late on the development on strategic
rare metals for the World War III effort.

DATE

Aug 5, 1950

SIGNATURE

L. G. Kempton

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date: 2/27/45
 Name of Mine: Star
 Owner or Operator: Star (Employee)
 Address: Ruby Star Rd. Phoenix
 Mine Location: 60 mi SW Queen, Pima Co

Filing Information

File System: _____

File No.: _____

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production ; Development _____; Financing _____; Sale of mine _____;
 Experimental (sampling) _____; Owner's occasional trip _____;
 Other (specify) _____

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months _____
 Approx. present rate per 3 months _____
 Anticipated rate next 3 months _____
 If in distant future check (X) here _____

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	Ford 34	900	_____
Light or Service Trucks	_____	_____	_____
Ore Hauling Trucks	_____	_____	_____
Compressors	_____	_____	_____
Other Mine or Mill Eqpt.	_____	_____	_____

PRODUCT PRODUCED OR CONTEMPLATED: ~~Name metals or minerals~~

Fluorite

REMARKS:

* This mill is just starting operation for shipment of fluoride concentrate. Application prepared for approval.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By: [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 2/27/45
 Name of Mine..... Las Guayas
 Owner or Operator..... Las Guayas
 Address..... Red Star Rt Tucson
 Mine Location..... 60 mi SW Tucson, Ariz

Filing Information

File System.....
 File No.....
 This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;
 Experimental (sampling).....; Owner's occasional trip.....;
 Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months
 Approx. present rate per 3 months
 Anticipated rate next 3 months
 If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	<u>Olds, 41</u>	<u>1500</u>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Amalgam

REMARKS:

* This operator is producing 7 mill
 amalgam. We
 apply for license

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 5/2/45

Name of Mine..... Black Gold

Owner or Operator..... L. G. Bernstrom

Address..... Box 51, Ruby Star Rd Tucson

Mine Location..... Las Guijas Mng Dist

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month <i>gtr</i>
Personal Cars
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine Mill Eqpt.	<u>2400 gal/mth</u>

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Tungsten

REMARKS:

The Las Guijas mill is in full operation + gasoline recommended is for equipment as shown on attached application

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By *George Ballen*

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Filing Information

Date..... *2/14/55*

Name of Mine..... *La Guayas + Terrestrial* File System.....

Owner or Operator..... *Ray C. Huntington* File No.....

Address..... *141 W. Main Tucson*

Mine Location..... *La Guayas + others*

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	<i>4</i>	<i>900 mi</i>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

..... *Quartz*

REMARKS:

Mr. Huntington is willing to purchase

the property for \$10,000.00

and to operate the mine

under a lease agreement

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 7/14/45

Name of Mine..... Las Guijas

Owner or Operator..... Robert Whately

Address..... Box 51, Ruby, Mar Co, Ariz.

Mine Location..... Las Guijas Mar Co

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	<u>1941 Plymouth</u>	<u>900</u>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

..... Fluorapatite

REMARKS:

7 1/2 lbs. Fluorapatite is produced at Las Guijas
Fluorapatite - about 1/2 lb. per ton of ore
12 lbs. Fluorapatite is allocated to the project

By..... [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 12-23-44

Name of Mine..... Las Guayas

Owner or Operator..... J. M. McKinley

Address..... 76 E. Temple Ave Tucson

Mine Location..... Las Guayas Dist, 75 mi SW Tucson

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	<u>41 Trucks</u>	<u>135</u>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper Tungsten

REMARKS:

* Mr McKinley is a mining business and has been prospecting a copper schist property in Las Guayas district

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By George A. [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 11/15/44
 Name of Mine..... Los Guijas
 Owner or Operator..... Lester G Fernstrom
 Address..... Box 51 Ruby Star Rt Tucson
 Mine Location..... Los Guijas - Arivaca

Filing Information

File System.....
 File No.....
 This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;
 Experimental (sampling).....; Owner's occasional trip.....;
 Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months
 Approx. present rate per 3 months
 Anticipated rate next 3 months
 If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	<u>1500</u>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

REMARKS:

* Mr Fernstrom is operating a tungsten mine and mill shipping under contract to General Electric Co. He makes at least two round trips per week to Tucson for supplies etc.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By.....

J. O. Walker

NAME OF MINE: LAS GUIJAS
(BLACK GOLD)

COUNTY: PIMA
DISTRICT: LAS GUIJAS
METALS: W

OPERATOR AND ADDRESS:

MINE STATUS

DATE:	OPERATOR AND ADDRESS:	DATE:	MINE STATUS
5/1/44	E. Fernstrom 164 S. Main St. Tucson	5/1/44	Shipping Milling
8/5/43 1/44	4 men working milling		

NAME OF MINE: BLACK GOLD MNG. & MILLING COUNTY: Pima
OWNER: CO. DISTRICT:
METALS: W

OPERATOR AND ADDRESS

MINE STATUS

Date:	OPERATOR AND ADDRESS	Date:	MINE STATUS
4/45	Black Gold Mining & Milling Co., Tucson E. Fernstrom, Gen. Mgr. ✓	4/45	Milling
4/45	5 men employed Milling 8 tons ore on 1 shift daily basis or average 20% WO ₃		

BLACK GOLD

W

Pima

10 - 7

L. G. Fernstrom, 164 S. Main St., Tucson

'45

*

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

REPORT BY:

A. BRODIE CAMPBELL

MO - 22

Date May 5, 6, 1942

1. Mine OBREGON CLAIMS
2. Mining District & County Las Guijas Dist. Pima Co.
3. Former name Manuel Obregon
4. Location Las Guijas
5. Owner Canez Bros
6. Address (Owner)
7. Operator " "
8. Address (Operator) Arivaca, Arizona.
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Scheelite W
14. Men Employed NONE
15. Production Rate NONE
16. Mill: Type & Cap. NONE
17. Power: Amt. & Type NONE
18. Operations: Present None. Occasional high-grading
19. Operations Planned Development work
20. Number Claims, Title, etc. 2, claims held by location
21. Description: Topography & Geography Rugged, mountainous.
22. Mine Workings: Amt. & Condition one thirty-foot winze; several trenches.

23. Geology & Mineralization Quar... veins in granite. Lime and some attendant. Some
andesite showing. More fractured conditions than are generally
encountered in this section of the district. Strike is about
N - 80 - W, Dip 40 - 70° N

24. Ore: Positive & Probable, Ore Dumps, Tailings NONE

24-A Vein Width, Length, Value, etc. -----

25. Mine, Mill Equipment & Flow Sheet -----

26. Road Conditions, Route Good to within one mile of mine. Same as to Las Guijas.

27. Water Supply Limited. Needs development.

28. Brief History Intermittent surface hi-grading for forty years. May have produced
200 units of WO_3

29. Special Problems, Reports Filed Tungsten Deposits of Arizona, Wilson, 1942 *Bulletin # 48*

30. Remarks Has good possibilities for small production. Structure and mineralization
nearly as favorable as western end. Should be considered as attendant to the
Guijas District for a central mill. This property could probably supply
some ore to a central mill.

31. If property for sale: Price, terms and address to negotiate. No one on property when visited.
Talked to one of the Canez brothers at Fernstrom's mill. They want a little
money to start. Believe they would make almost any kind of deal.

32. Signed.....

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date May 5, 6, 1942

1. Mine Las Guijas Mine.
2. Mining District & County Las Guijas Dist., Pima Co. 4. Location 6 miles N.W. Arivaca.
3. Former name Whitcomb Mine.
5. Owner General Electric Co. 6. Address (Owner) Cleveland, Ohio.
7. Operator Lester Fernstrom (Lessee) 8. Address (Operator) 164 S. Main St. Tucson
9. President 10. Gen. Mgr.
11. Mine Supt. 12. Mill Supt.
13. Principal Metals Tungsten. 14. Men Employed 4
15. Production Rate 16. Mill: Type & Cap. Gravity. 1 ton/hr.
17. Power: Amt. & Type Gasoline. Auto engines
18. Operations: Present Cleaning out old stopes and pillars. Milling same.
19. Operations Planned Further development on structure.
20. Number Claims, Title, etc. 37 claims. Part patented and part not.
21. Description: Topography & Geography Mountainous and rugged. Veins lie on N. E. flank of Las Guijas Mts., 3500 to 4500 feet high.
22. Mine Workings: Amt. & Condition Several thousand feet of drifts, trenches etc. Reaches depth of about six hundred feet from top-most cropping. Quite extensive stoping. In good condition for most part if water is kept out. Water makes very slowly in lower levels.

23. Geology & Mineralization in ^Q veins, containing hubernite ^Q granite. Vary from a few to eight feet in width. Some the more basic rocks are present. It is thought that a green diabase that occurs locally along the vein has some influence on mineralization. Some pyrite, iron oxide and sericite associated with hubnerite. Strikes generally N-70°-W - dips usually from 30° to 60°N.

24. Ore: Positive & Probable, Ore Dumps, Tailings No positive ore. Very fine chance for probable ore in large amounts.

24-A Vein Width, Length, Value, etc.

25. Mine, Mill Equipment & Flow Sheet 5" by 10" jaw crusher. 3' Herman ball-mill, Plato table. Elevator for tails. Mill is powered by two auto engines connected to line shafts.

26. Road Conditions, Route Turn north from Arivaca Kingsley road about 17 miles west of Tucson-Nogales road. Sign reads Mary D. mine. 7 miles N.W. to camp. Good dirt road.

27. Water Supply Wells in dry creek bottom. Water might be a problem for large operation.

28. Brief History One of largest tungsten producers in Arizona. Produced tungsten before 1916. Probably has produced in neighborhood of 75,000 units WO₃.

29. Special Problems, Reports Filed Tungsten Deposits of Arizona. Wilson. 1941.

30. Remarks Under the proper stimulation this property should become a good producer of tungsten. It would be easy to start with a limited amount of capital. Under proper grouping and sufficient stimulation this district should be capable of producing about 50,000 units a year.

31. If property for sale: Price, terms and address to negotiate. Don't know. Now held by lease.

32. Signed.....

33. Use additional sheets if necessary.