



## **CONTACT INFORMATION**

Mining Records Curator  
Arizona Geological Survey  
1520 West Adams St.  
Phoenix, AZ 85007  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: COMSTOCK MINE

ALTERNATE NAMES:

COHEN  
ADAMS  
ROGERS

COCHISE COUNTY MILS NUMBER: 151

LOCATION: TOWNSHIP 13 S RANGE 26 E SECTION 22 QUARTER NE  
LATITUDE: N 32DEG 17MIN 22SEC LONGITUDE: W 109DEG 40MIN 18SEC  
TOPO MAP NAME: RAILROAD PASS - 7.5 MIN

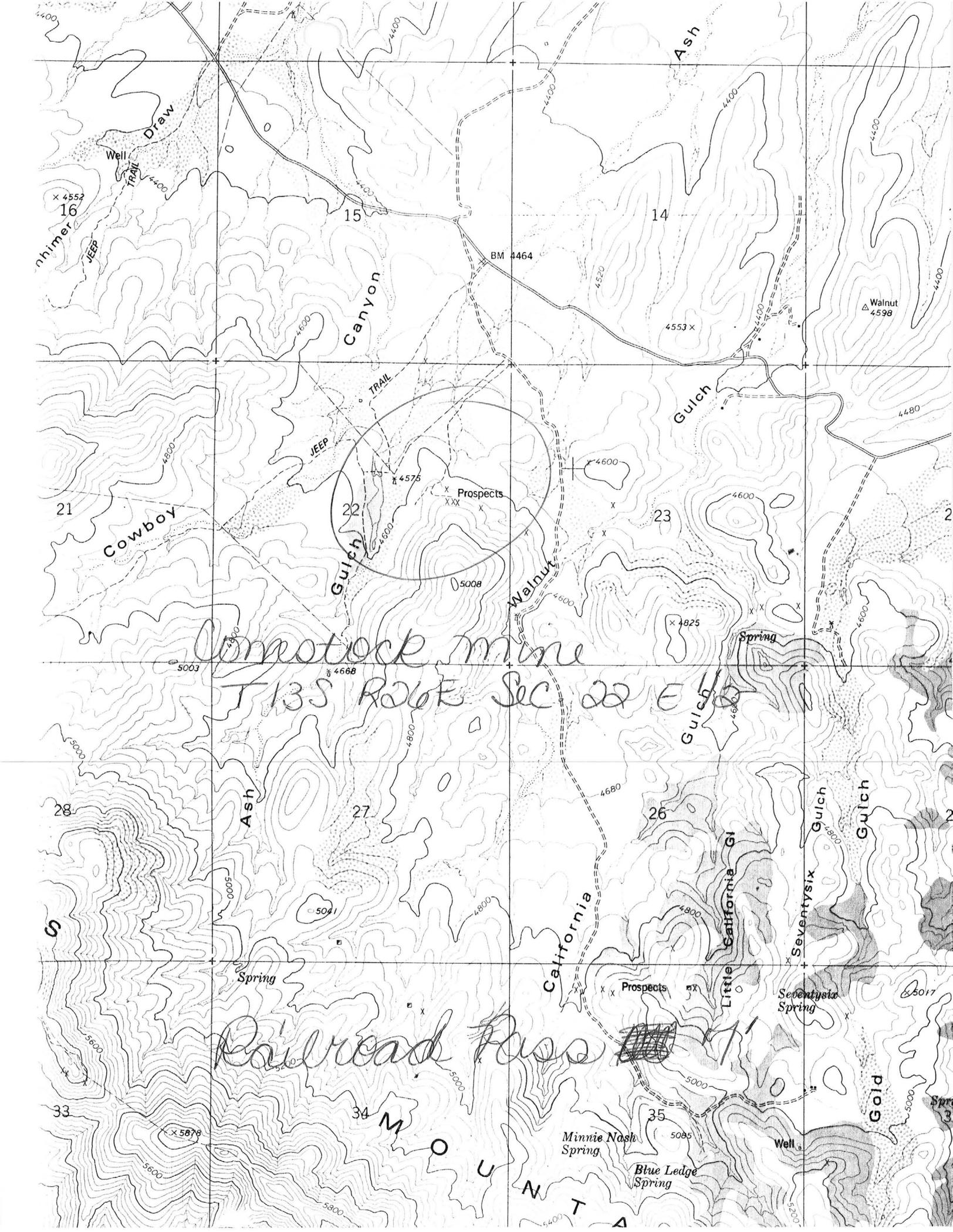
CURRENT STATUS: PAST PRODUCER

COMMODITY:

TUNGSTEN  
LEAD  
SILVER

BIBLIOGRAPHY:

KEITH, S.B., 1973, AZBM BULL. 187, P. 72  
ADMMR COMSTOCK MINE FILE  
USGM RI 5650, 1960, P 25



Comstock mine  
T13S R06E Sec 22 E

Railroad Pass

Canyon

Ash

Cowboy

California

Little California G

Seventysix

Gold

Gulch

Gulch

Gulch

Spring

Seventysix Spring

Prospects

Minnie Nash Spring

Blue Ledge Spring

Well

Walnut 4598

BM 4464

16

15

14

21

22

23

28

27

26

33

34

35

Drew

Well

Trail

Trail

JEEP

JEEP

Prospects

5008

5008

Walnut

5003

4668

4553 X

4520

4600

4800

4600

4600

4600

4480

4400

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Spring

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COMSTOCK MINE

COCHISE COUNTY  
DOS CABEZAS DISTRICT  
T13S R26E Sec. 22 E½

RI 5650 p. 25

ABM Bull. 187, p. 72

See: Map I-1310-B p. 49; Mineral Deposit Map of the Silver City 1<sup>0</sup> x 2<sup>0</sup> Quad., NM & AZ

Cochise County MILS Index #151

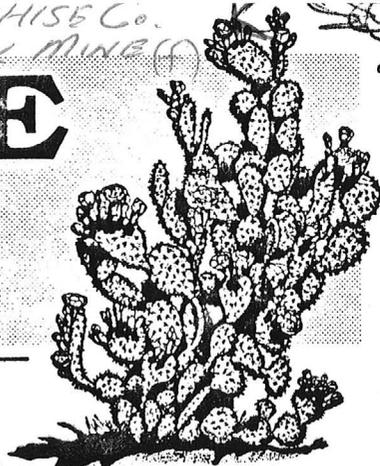
AKA: Adams, Cohen

Railroad Pass 7' Quad. (included in file)

# NEWS RELEASE

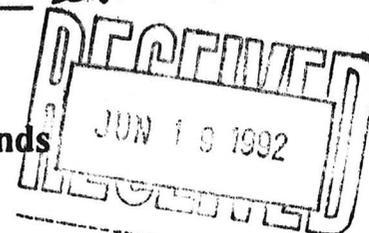


U.S. Department of the Interior  
Bureau of Land Management  
Arizona State Office  
3707 North 7th Street, Phoenix, Arizona 85014



EN,  
For Release: Immediately, June 17, 1992  
Contact: Joanie Redfield, (602) 640-5504

## U.S. Attorney Files Action To Reopen Public Lands



EN,  
put up what file?

On June 12, 1992, United States Attorney Linda A. Akers filed an action against Wayne D. Klump and Luther Wallace Klump of Bowie, Ariz. in an effort to secure removal of certain private claims against federal lands. According to BLM Arizona State Director Lester K. Rosenkrance, the pending litigation stems from land claims filed in 1990 by Wayne and Luther Wallace Klump to over 180,000 acres of federal, state and private lands in Cochise and Graham counties.

“The public lands identified in the two Klump land claims include all of the public and state-leased lands in ten federal grazing allotments under permit by the Klump family,” Rosenkrance said. Both defendants refer to these claims as their authority to deny public and BLM access to these public lands. Rosenkrance added, “For more than two years, the Klump claims have hindered BLM efforts to enforce grazing laws and other public land regulations.” The state of Arizona has found the Klump land claims to be a burden on management of state trust lands as well. The state has also filed a quiet title action, Arizona ex rel. and M.J. Hassell vs. Klump Brothers et al., Civ. no. 91-03549 in Superior Court of the state of Arizona in and for the county of Maricopa.

Citing their claims, the Klumps informed BLM employees that they must have written permission before entering public lands and have denied access to BLM employees seeking to perform necessary management activities on the public lands. They also notified the BLM that it has 90 days to remove all federal improvements located on those lands.

The Klumps have closed certain public roads, resulting in increased public concern over use of the public lands in that area. “The closures have prevented public access to a variety of public land resources including designated wilderness areas, recreation sites, and active mining claims,” Rosenkrance said. “In addition, these public lands compose critical wildlife habitat for upland game and threatened and endangered species which need to be monitored by the BLM and the Arizona Game and Fish Department.”

-More-

Rosenkrance said the Klumps have claimed that the public land identified by the BLM within the land claims is among other things:

“our private property. We claim all minerals, coal, oil, gas, water, geothermal, gravel, and all known and all unknown substances to the center of the earth. We claim the air, air space, water, gasses [sic], all living things, all dead things and all substances to the heavens and beyond. We claim the right to store and use any and all substances on, above, and under said lands.”

In addition, the Klump claims assert,

“We declare that this land is outside of any government or governmental agencies [sic] control or jurisdiction. The government, city, local, county, state or federal [sic] shall have no claim whatsoever to any of the above described property.”

Filing in the U.S. District Court of Tucson, the U.S. Attorney submitted affidavits from BLM officials affirming federal ownership status of public land within the Klump land claims. Additional evidence will be provided to demonstrate that these land claims are not valid and constitute a substantial hindrance on the ability of the BLM to manage and supervise certain public lands in Cochise and Graham counties.

The land claims and road closures are but two of the conflicts centering around the Klump allotments in southeastern Arizona. Other significant conflicts include reoccurring grazing trespass, failure to eartag livestock, unauthorized brands on livestock, failure to maintain range improvements, unauthorized modifications and removal of range improvements, and damage to riparian areas.

“Resolution of the land claims is of utmost importance. It is critical that the BLM be allowed to carry out its management objectives for those public lands involved in these claims. The conflicts surrounding the land claim and grazing trespass issues only serve to complicate BLM's management of and the public's right to use the valuable natural resources that belong to all American citizens,” Rosenkrance said.

-DOI-

COMSTOCK MINE

COCHISE COUNTY

Mr. and Mrs. Joe Rogers, 1024 Ninth Avenue, Safford, have 25 claims in the Tevis District of Dos Cabezas Mountains. This property was formerly known as the Cohen Tungsten Mine, and was so operated during the last war. GWI Safford Conf. 2-2-66

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References: RI 5650, p. 25  
ABM Bull. 187, p. 18

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Not for publication

Mine Comstock Mine Date June 6, 1957  
(former name - "Adams Property") X  
District Teviston Mining Dist., Cochise Co. Engineer Axel L. Johnson

Subject: Present Status. Information from Mrs. Donald C. Rogers, present owner.

Location About 14 miles east of Willcox. Take Highway # 86 for 6.5 miles NE of Willcox (1.5 miles NE of Ohio Cafe). Turn right and go 7.4 miles SE on dirt road to mine. Or drive 12 miles on Highway # 86 NE of Willcox. Turn right at the Safford-Bowie Y and drive 1 mile to the RR underpass and continue an additional 5 miles to mine.

Number of Claims 6 unpatented claims (3 of these may be placer claims as reported on Feb. 9, 1955.)

Owners Donald C. Rogers and Pearl C. Rogers, Box 787, Safford, Ariz.  
This property was purchased from R. B. Adams, Gen. Del., Bowie, Ariz. in August, 1956.

Operators Same as above.

Principal Minerals Tungsten ore in the form of scheelite. Some lead in the form of galena.

Present Mining Activity Owners are working the property on Saturdays and Sundays.

Geology and Mineralization See report of this property under date of Feb. 9, 1955. Operators report that they are now working on a vein from 18 to 24 inches wide. This vein had lead ore at and near the surface, and owners report striking scheelite at a depth of 10 to 15 ft. below the surface.

Ore Values See report of Feb. 9, 1955. ~~Owners~~ Present owners made no estimate of the average value of the ore. They did, however, exhibit some beautiful scheelite crystals, which they found in the vein.

Ore in Sight and Probable Not estimated.

Milling and Marketing Facilities None on the property and none in the immediate area.

Past History and Production

(1) Mine operated during World War II by a Mr. ~~Edin~~ Coin, and a Mr. Clark was in charge of the mining operations. It was, at that time, known as the "Coin Mine". Mr. Fernstrom of Tucson is reported to have built a mill for Mr. Coin. Only the foundations of this mill is still remaining.

(2) Mr. Coin discontinued operations on the property and let the assessment work lapse.

(3) R. B. Adams later relocated the property.

(4) Property leased by Mr. Adams to Tyone Mining Co., Box 698, Tyler, Texas in 1954. This company did some exploration work on the narrow quartz stringers, which contained scheelite and also took samples of the placer sand in the valley below, which they believed contained an appreciable amount of scheelite. They also constructed a mill (50 ton per day capacity) 1 mile SE of the Safford-Bowie Y. This company closed down mining and milling operations about April 15, 1955, and, a short time later dismantled the mill. Too low a grade of ore and numerous ~~stik~~ milling difficulties were, apparently, the reasons for closing down operations. See my report of Feb. 9, 1955 on this property, and also reports of Feb. 9, 1955 and April 8, 1955 on the Tyone Mining Co. mill.

Present Mining Operations New owners are working the property themselves, working on Saturdays and Sundays. Operators are using an air compressor and a gasoline slusher.

Note Please change the name "Adams Property" to "Comstock Mine" on the reports sent in for this property, dated Feb. 9, 1955 and June 16, 1955. Thank you.

Axel L. Johnson.

RECEIVED  
JUN 24 1957  
DEPT. MINERAL RESOURCES  
PHOENIX, ARIZONA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES

DALE No. ~~13~~  
15

SUMMARY REPORT OF MINERALS EXAMINATION

State Arizona County Cochise Mineral Products Tungsten & lead

Name of property or deposit Comstock Lode Tungsten Claims

Date examined 3/25/57 Engineer V.B. Dale Date of this report 4/1/57

Reason for examination Appraisal of tungsten deposits, Ariz. & N. Mex.  
Auth. 2078

Engineer accompanied by No one Address \_\_\_\_\_

Extent of property 3 lode and 3 placer claims

Owner C.C. Rogers Address Safford, Ariz.

Leased or optioned to No one Address \_\_\_\_\_

Location of property (be specific) E 1/2 Sec. 22, T. 13 S, R. 26 E.  
About 10 miles SW of Bowie, Ariz.

Type of deposit and mineralogy (brief description) Quartz veins carrying sporadic  
schalite and lead through altered diorite near a  
Felsite contact. Some Calcite is present.

Known dimensions of the deposit  
Length + 700 Ft. Width + 2 Ft. Depth approx 25 Ft.

Attitude of the deposit (strike, dip, etc.) E-W strike, 28° dip So.

Possible extensions; correlation of known showings None

Mine workings (brief description or attach map or sketch) (indicate whether accessible) \_\_\_\_\_  
2 adits, <sup>each</sup> approx. 50 ft. long, 1 shaft of unknown depth,  
and numerous pits and trenches (accessible with  
exception of shaft)

Mining and milling equipment on property None.

Past production (if any) Few tons of ore containing WO<sub>3</sub>

Present rate of production (if any) None.

Sampling (describe briefly, or attach sketch) None.

Tentative Estimate of Reserves

(Subject to revision when assays are received or after engineering calculations)

Measurable None tons Grade

Indicated ± 10 tons Grade 0.5% WO<sub>3</sub>

Inferred Few hundred tons Grade 0.5% WO<sub>3</sub>

Mining method (actual or suggested) None

Milling or processing method (actual or suggested) None

Processing tests suggested None

Tentative conclusion and decision Scheelite crystals are very sporadic, quartz veinlets average from knifeblade to 3-foot width. Until further work is done, sampling is not justified.

To be accompanied by brief letter giving examining engineer's general impression of the deposit, his impression of the owner, and any other confidential information he may care to submit. Refer to any known prior examinations and reports. May be executed in pencil. Should be mailed within 24 hours after examination is completed.

Send original and one copy to Washington Office.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Cohen Tungsten Claims X

Date Feb. 15, 1956

District Teviston District, Cochise Co.

Engineer Axel E. Johnson

Subject: Present Status.

Please file this under " Adams Property "

Please see my reports on this property under dates of Feb. 9, 1955, and  
June 16, 1955.

Mine is idle at present.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Adams Property Date June 16, 1955  
District Teviston Dist., Cochise County Engineer Axel L. Johnson  
Subject Present Status

For location and other information, see report of Feb. 9, 1955.

Present Status. Closed down operations about April 15, 1955 or shortly after.  
Reason - low grade ore and milling difficulties. Also see report on Tyone  
Mining Co. mill. ✓

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Adams Property

Date Feb. 9, 1955.

District Teviston Mining Dist., Cochise Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report.

Location About 14 miles east of Willcox. Take Highway 86 for 6.5 miles NE of Willcox (1.5 miles NE of Ohio Cafe). Turn right and go 7.4 miles SE on dirt road to mine.

Or go 12 miles on Highway 86 NE of Willcox. Turn right at the Safford-Bowie Y and drive one mile to the mill and continue an additional 5 miles to the mine.

Number of Claims 3 placer claims and 3 lode claims owned by R. B. Adams.  
2 lode claims owned by Tyone Mining Co. ----total 8 claims.

Owners R. B. Adams, Gen. Del., Bowie, Ariz. owns 3 placer and 3 lode claims.  
Tyone Mining Co., Box 698, Tyler, Texas owns 2 lode claims.

Lessee and Operators Tyone Mining Co., Tyler, Texas is leasing the 3 placer and 3 lode claims from R. B. Adams, and in addition owns 2 lode claims. Now operating property.

Officers Levi Harris, 151 Haskell Ave., Willcox, Ariz. (P. O. Box 206) ---Superintendent.

Principal Minerals Tungsten ore in the form of scheelite.

Number of Men Employed 2. Will be 3 later on.

Production Rate Production so far has been very little, and for test purposes only. About 100 lb. of concentrates per day has been produced the <sup>past</sup> month.

Expected production, after the mill gets operating steady and on 3 shifts is 50 tons of ore per day, with about 1/4 ton concentrates produced.

Topography Moderately rolling terrain.

Geology Country rock is fine grained quartz diorite. In this rock, there are numerous quartz stringers from 1 inch to 4 inches wide, with 12 to 48 inches between stringers. The scheelite is found in these quartz stringers, and also as a placer deposit in the valley below. Placer deposit resembles red clay. (Operators call the country rock monzonite)

Ore Values Operators expect the ore to run about 0.5 % on the lode claims on the hillsides, with slightly less in the placer deposit in the valley below.

Ore in Sight and Probable. Placer deposit covers about 20 acres, and operators claim it averages about 3 ft. in depth, and assays almost 0.5 %. No estimate made on the lode deposit. Exploration work on this will be started in the very near future.

Milling and Marketing Facilities. Operators milling the ore in their own mill, located 1 mile SE of the Safford-Bowie Y. (See separate report on the mill)/

Present Mine Workings Numerous cuts on the side of the hill. Placer operation in the valley below.

Present Operations Placer mining being conducted by means of hydraulic & car loaders, which load the ore into a portable trommel screen. The minus 1/2 in. product from the screen is loaded into trucks and hauled to the mill 5 miles away.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Page 2.

Mine Adams Property

Date Feb. 9, 1955.

District Teviston Mining Dist., Cochise Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report (continued)

The plus 1/2 in. product from the screens is handpicked with the aid of a mineral light and the good stuff is stockpiled for future milling. The poor stuff is put on a waste pile. The lode claims are not worked at present. Operations on the lode claims will await future exploration work on same, and after the placer operations have shown a good profit.

Proposed Plans Operators expect to mine 50 tons of ore per day, after the mill starts operating 3 shifts, scheduled for March 1st.

Operators expect to do exploration work on the lode claims by driving a 1000 ft. tunnel into the hillside, in the very near future.

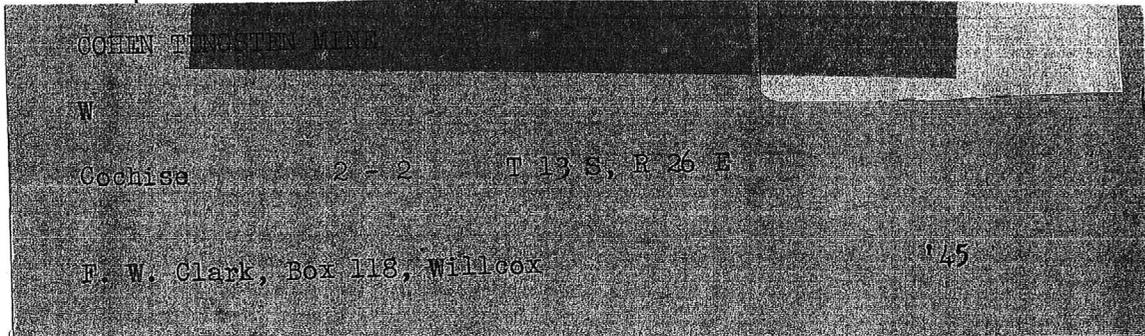
The mill will be enlarged eventually to 100 ton per day capacity, by putting in larger rolls and screens and adding 2 more jigs and 2 more tables.

Operators will sell the tungsten concentrates direct to the General Services Administration. They expect to obtain 55 % concentrates with very little impurities----only a small amount of Lead.

NAME OF MINE: A. A. COHEN  
OWNER: ✓ A.A. Cohen, Willcox  
About 15 mi. NE of Willcox

COUNTY: Cochise  
DISTRICT: Teviston  
METALS: W

OPERATOR AND ADDRESS		MINE STATUS	
Date:	Box 118	Date:	
3/15/45	F.W. Clark, Willcox	3/15/45	Shipping & Dev.
		5/45	Milling & shipping
		3/46	Idle
4/7/45	Report by A. Macfarland 13 claims approx. Scheelite carrying up to 68% WO <sub>3</sub>		15 miles NE Willcox
5/45	Installing larger milling plant.		



CLARK, F. W., Manager  
A. A. Cohen Tungsten Mine  
Box 118  
Willcox, Arizona

See ~~xxx~~ COHEN - re eng. examination 2-26-45  
See COHEN - re field eng. rept. 4-7-45

See: Papago Mining & Milling Co. Mill, Pima Co.- 6-18-55  
Owner - Floyd R. Bekins, 301 Copo de Oro, Los Angeles, Calif.  
Lessees & Operators - Jack Ballam, Box 66, Sells, Ariz. &  
F.W.Clark, Box 91, Sells, Ariz. d/b/a  
Papago Mining & Milling Co. 6-18-55

BRINTON BROWN, d/b/a  
Papago Mining & Milling Co.

MILL: Papago Mining & Milling Co. Mill - Cababi Dist., Pima Co.  
About 13 Mi. N of Sells.

OWNER: Floyd R. Bekins, 301 Copo de Oro, Los Angeles, Calif.  
LESSEE & OPERATOR: Jack Balam & Brinton Brown, d/b/a Papago Mining  
& Milling Co. - 8/5/54

MILL SUPT.: F. W. Clark, Box 91, Sells, Ariz. 6/18/55

F. W. Clark no longer mill Supt. 2/3/56

**DEPARTMENT OF MINERAL RESOURCES**

**REPORT TO OPA ON  
ACTIVE MINING PROJECT**

*Sent to  
Mr. Jarlane*

Date Jan 8 - 1945  
 Name of Mine Richie Arthur Cohen  
 Owner or Operator R. A. Cohen  
 Address Willcox Arizona Box 188  
 Mine Location Pavio Mining District - 14 mi East of Willcox

**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 <del>or</del> Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	.....	.....	.....
Light or Service Trucks	.....	.....	.....
Ore Hauling Trucks	<u>95HP</u>	.....	.....
Compressors	.....	.....	.....
Other Mine or Mill Eqpt.	.....	.....	.....

**PRODUCT PRODUCED OR CONTEMPLATED:** Name metals or minerals.

Trungsten Ore

**REMARKS:**

*Property to produce Trungsten ore. This is application for granting the get machinery or property for operations. OK for 100 gallons.*

**ARIZONA DEPARTMENT OF MINERAL RESOURCES**

By [Signature]  
 Field Engineer D of M R

**DEPARTMENT OF MINERAL RESOURCES**

**REPORT TO OPA ON  
ACTIVE MINING PROJECT**

Date..... 4/12/45  
 Name of Mine..... ✓ Bohem Tungsten  
 Owner or Operator..... ✓ F W Clark  
 Address..... Box 118 Wilcox  
 Mine Location..... N end Dos Cabezas Mts

**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 ..... 1800 tons  
 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	.....	.....	.....
Light or Service Trucks	.....	.....	.....
Ore Hauling Trucks	.....	.....	.....
Compressors	.....	.....	.....
Other Mine or Mill Eqpt.	.....	.....	.....

**PRODUCT PRODUCED OR CONTEMPLATED:** Name metals or minerals.

Tungsten

**REMARKS:**

Mr Clark, is general manager of the property and is having difficulty with ration points for the 7 men crew. Anything you can do will be helpful for the war effort.

**ARIZONA DEPARTMENT OF MINERAL RESOURCES**

By..... George A. Ballam

PHOENIX OFFICE

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine ✓ COHEN TUNGSTEN CLAIMS \*

Date April 7, 1945

District Tevis Mining Dist., Cochise County

Engineer Andrew Macfarlane

Subject: Report

✓ F. W. Clark, Box 118, Willcox, Manager.

Property is composed of 13 contiguous claims situate in Tevis Mining District at the northern foothills of Dos Cabezas Mountains, approximately 15 miles northeast of Willcox and about 8 miles southeasterly from Raso, a switch on S.P. railroad which is about 8 miles northeast of Willcox, Arizona. A good dirt road from off the main paved highway reaches the Cohen property.

History: At some long past time a few small surface cuts were made on some of the many visible quartz croppings, probably in the search for gold, then left in an abandoned state until less than a year ago when Mr. F. W. Clark and wife prospected certain mineral showings for tungsten and then located the 13 claims per attached map.

Early in 1945 Mr. and Mrs. Clark sold their claims to Mr. A. A. Cohen, who may now be addressed at Willcox, Arizona, and Mr. Clark was retained as manager of the developments of the property now proceeding.

Mineral Features: A number of pegmatic and white quartz stringers all flat dipping towards the southwest from off a general strike of southeast traverse a granite and diabase hill a few hundred feet southerly from the camp and pilot concentrator. On four of these quartz veins recent cuts have been made reaching to depths of about 20' beneath the surface and one prospect shaft sunk on a 2' quartz vein showing in spots lead sulfides (galena) has attained a depth of 30'

There is a substantial alluvial surface body, containing dust and grains of scheelite, directly on top of and extending down the hillside beneath the vein system. This deposit has an apparent depth of up to 3' and forms the overburden between the veins and beneath same.

Within the very small trenching on the surface and the shallow open cuts so far have been found rounded pieces of high grade scheelite, also much tungsten frozen to the vitreous quartz mined from the cuts. The ground limits of this alluvial tungsten are yet unknown. The rounded shapes and crystalline appearance of this scheelite carrying up to 68%  $WO_3$  suggest that some of this mineral rolled from higher ground at some long past age.

Recent Work: Consists of a new road about 2 miles in all; six cuts on ledge croppings and 60' x 80' of surface bulldozed to bedrock. A pilot concentrator was purchased and installed on the north bank of a mostly dry creek, 100' from a well. A good plunger pump, gas driven, and a 10,000 gal. cement tank completed the water system for the pilot concentrator. A men's quarters and boarding house are now being constructed.

Experimental: A few tons of the ore so far have been milled and 1 ton of said to be better than 50%  $WO_3$  has been shipped to eastern market. No assay of the ore as

April 7, 1945

fed to the mill has been made. The tailings are being stockpiled for further treatment.

Recommended: That further systematic trenching, sampling and assaying of the tungsten alluvial ground be made in order to learn the tungsten content and approximate limits and tonnage of same. Also to continue vein development wherever the mineral is visible in an effort to place in sight an underground ore reserve.

The pilot mill consists of a 4" x 6" jaw crusher dropping unclassified feed into the hopper of a small set of rolls, thence unclassified from roll onto a full sized concentrating table. This gives the table a feed ranging from slimes to 1/4 inch pieces, an impossible mixture which will defeat the work of tabling except for the heaviest particles of scheelite that will come off on the upper strata.

By the addition of sizing both beneath the crusher and roll the mill would have a capacity of 6 to 8 tons per 8 hours and deliver to the tables a more uniformly sized mill feed, amenable to separation of the quartz gangue and a portion of the iron from the scheelite.

The pilot mill with contemplated improvements will afford the facilities right on the ground for the design of a larger mill but first much more sampling and assaying of the alluvial ground and development of the quartz leads should precede the installation of a proposed larger mill.

Geology of the tungsten occurrence of the Tevis district and the Cohen claims group is similar to the Little Dragoon formation some 25 miles distant southwesterly.

Fissuring with quartz gangue veins, veinlets and surface gashes faulting Archean granite and further contacts of schist and other metamorphies in deformed beds, wherein dissemination of tungsten ores are evident.

Clean high grade scheelite within the quartz veins suggests contemporaneous mineralization of the quartz and tungsten and then followed the placer forming agencies, with a portion of the detritus and alluvial debris showing rounded and travel-worn effects of erosion of the vein croppings and disintegrated elements of higher surfaces some distant from the present area of deposition.

Conclusion: The visible surface showings are attractive, especially the alluvial or placer ground. This prospect is unique in that nearly all the tungsten showing is a clean scheelite of maximum specific gravity, aiding in all forms of concentration which may be used as a working method for the metal recovery.

Development of water by dug or drilled wells is quite essential for a commercial sized concentrating unit. This important element should not be overlooked.

February 26, 1945

Mr. F. W. Clark, Manager  
A. A. Cohen Tungsten Mine  
Box 118  
Willcox, Arizona

Dear Mr. Clark:

I will be glad to call on you  
next time I am in Willcox which will be early  
next month.

Yours very truly,

Andrew Macfarlane  
Field Engineer

AM:LP

A.A. COHEN TUNGSTEN MINE  
BOX 118  
WILCOX, ARIZONA

Mr. A. Macfarlane  
Box 506  
Globe, Arizona

Dear Mr. Macfarlane:

We would appreciate if you could inspect our tungsten mining in the near future, as we are unable to move without your approval. As you know, no priority rating will be given any mine unless passed by your office.

We will be more than happy to meet you in Willcox at your earliest convenience.

  
F.W. Clark-Manager

# DEPARTMENT OF MINERAL RESOURCES

## REPORT TO OPA ON ACTIVE MINING PROJECT

Date: 1/30/45  
 Name of Mine: Arthur Cohen Mine  
 Owner or Operator:  Arthur Cohen  
 Address: Box 118 Wilcox Ariz  
 Mine Location: 16 miles from Wilcox

**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 1000 tons per month  
 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	_____	_____	_____
Light or Service Trucks	_____	_____	_____
Ore Hauling Trucks	_____	_____	_____
<u>2</u> Compressors	<u>50 HP</u>	<u>12 hrs day</u> <u>300 mo</u>	<u>5000.</u>
Other Mine or Mill Eqpt.	<u>Pump and small engine included</u>		

**PRODUCT PRODUCED OR CONTEMPLATED:** Name metals or minerals.

Tungsten

**REMARKS:**

Has tungsten mill. Operation recently enlarged to include these compressors