



CONTACT INFORMATION

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Arizona Department of Mines and Mineral Resources Mining Collection

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08/22/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: HIGH HILL MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 224

LOCATION: TOWNSHIP 18 S RANGE 12 E SECTION 20 QUARTER NW
LATITUDE: N 31DEG 50MIN 56SEC LONGITUDE: W 111DEG 08MIN 47SEC
TOPO MAP NAME: TWIN BUTTES - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD OXIDE
ZINC OXIDE
COPPER OXIDE
SILVER
GOLD LODE

BIBLIOGRAPHY:

AZBM BULL. 189, P. 135, 1974
ADMMR HIGH HILL MINE FILE

Phoenix, Arizona
October 4, 1957

TO: ARIZONA LEAD-ZINC PRODUCERS

The Emergency Lead-Zinc Committee filed a formal petition with the Tariff Commission on September 27th and it needs the support of all producers of these metals.

Mr. C. E. Schwab, Chairman of this industry committee has requested the information listed on the questionnaire below, which we ask you to fill in and return to us as soon as possible. Your very prompt answer is urged because the information must be assembled and forwarded for use within the next few weeks.

We thank you for your immediate attention.

Yours very truly,

Frank P. Knight

FRANK P. KNIGHT, Director

LEAD-ZINC QUESTIONNAIRE

2239 La Merada
Tucson
October _____ 1957.

Do you approve of the Emergency Lead-Zinc Committee's seeking relief for the lead-zinc industry and has it your authorization to speak for you? _____

What Arizona Mines and Mills in the lead-zinc class do you control?

(1) _____

(2) _____

Which ones are operating? (1) _____ (2) _____

If not operating, when shut down? (1) _____ (2) _____

Number employed, prior to shut-down, in mine, mill or sections thereof producing lead or zinc ores? (1) _____ (2) _____

Number so employed on January 1, 1957? (1) _____ (2) _____

Number so employed on October 1, 1957? (1) _____ (2) _____

Remarks *I don't operate either mine or mill in lead-zinc at present shipping 30 car per month crude copper ore.*

Advisory Mining
Company

By: *Advisory Mining*
Signature

Please fill in NOW, tear off, and mail to:

Arizona Department of Mineral Resources
Mineral Building, Fairgrounds
Phoenix, Arizona

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine High Hill Mine

Date June 1, 1953

District Pima (Twin Buttes) Dist., Pima County

Engineer Axel L. Johnson

Subject: Mine Report----- Personal Visit, and Information from J. C. Anglin

Location Approximately ?Sec. 24 -- T 18 S -- R 11 E
Drive 6 miles west from Twin Buttes. Turn left (south) and drive 5 miles south on mine road.

Number of Claims 31 unpatented claims leased from R. H. McGee. (Lease made March 1, 1953)
36 unpatented claims located by C. D. Wilson. (March, April, 1953)

Owners Mr. R. H. McGee, Ruby Star Route, Tucson, Ariz. owns original 31 claims.
Mr. C. D. Wilson, Box 102, Sahuarita, Ariz. located 36 more in his own name.

Lessees and Operators Mr. C. D. Wilson has lease of the 31 claims owned by R. H. McGee, with an option to buy. He is operating on the leased portion of the property.
Mr. J. Anglin, Box 102, Sahuarita, Ariz. is the Foreman in charge of operations.

Principal Minerals Lead, Gold and Silver. (small amount of Copper, and Zinc in places).

Number of Men Employed 8 men (day shift only). 5 men at the mine, and 3 men doing location and assessment work.

Production Rate No production yet. Operators are sinking incline shaft.

Geology Fissure vein, 10 to 18 ft. wide. Strike of vein NW-SE. Dip of Vein from 45 to 60 degrees to SW. Vein filling material resembles Rhyolite. Both footwall and hanging wall is Diabase. Vein material contains scattered particles, lenses and stringers of lead ores. Above a depth of 60 ft., the ore is Cerussite (lead carbonate). Below a depth of 60 ft., the ore is mostly Galena, with a small amount of Chalcopyrite. The 4 ft. of the vein next to the hanging wall appears to be the richest.

Ore Values The incline shaft, now down to a depth of 77 ft. on the incline has shown a steady improvement in ore values with increase in depth, and is now in the silphide zone. Operators expect to find ore averaging about 12 % Lead, 8 oz. in Silver, and 1/4 oz. in Gold. Deposit contains ~~no zinc, and~~ very little Copper. Zinc found in scattered areas.

Ore in Sight Will be determined by subsequent exploration.

Present Operations Shaft sinking. Shaft was started the latter part of March, 1953. Shaft is a 2 compartment, 4' x 7' inclined shaft (inclined 45 deg. for first 25 ft., and inclined 62 deg. from 25 to 77 ft.), and is now down to a depth of 77 ft. on the incline. Shaft is timbered all the way. Operators say they average 10 ft. per week in shaft sinking/ Operators will replace their present wooden head frame, with a steel head frame, and install a steel frame ore bin, and a larger mine hoist (now a 1 ton hoist is used)/ The shaft is sunk next to the footwall of the vein.

Mine Workings Old workings consist of 3 shafts from 40 to 45 ft. deep, now mostly caved, and one shaft, 110 ft. deep (open for 40 ft.)

Past History Robert McGee operated property in a small way, mining from open cuts near the surface, and selling the ore in 4 and 5 ton lots. Previous to that, several leasers operated the mine, and small shipments have been made from all of the four shafts.

Arthur Jacobs worked mine about 1932, & shipped 2 carloads of ore.

1945

HIGH HILL MINE

PIMA COUNTY

Adjoining Esperanza mine, southwest of Twin Buttes, Pima County, Arizona.

Paul Daly and once a Mr. Valentine interested in property.

Mr E. A. Stone visited the LEAD ZINC property sometime in March 1945.

"No large tonnage may be expected from this area, but if frequency of ore shoots in the site encountered occur both vertically and horizontally as often as has been determined from the present amount of work, then a small profitable operation may be developed. In most part the heavy gouge fault zone is not favorable for ore deposition.

1. High Hill Mine
2. Adjoining Esperan Mine, southwest of Twin Buttes Pima County, Arizona
3. Paul Daly and one Mr. Valentin
4. E. A. Stone
5. Examined sometime in March, 1945
6. Lead-zinc
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8. _____

* * * * *

THE EAGLE-PICHER MINING & SMELTING COMPANY
MIAMI, OKLAHOMA



INTRA-COMPANY
CORRESPONDENCE

TO Grover Duff - Tucson Office
FROM John W. Chandler - Miami Office
SUBJECT: Exploration Work

DATE April 6, 1951

Dear Grover:

We are presently compiling a record of all the mines and prospects which we have examined for the Company during the past 10 years.

Starting with 1940, and listing the work done by years, such as 1940, 1941, 1942, etc., we would like to have the following information tabulated:

1. Name of property
2. Location - (State and County)
3. Who it was submitted by
4. Who made the examination
5. Time spent on the examination
6. Metals involved
7. General conclusions drawn from examination
8. Remarks - Under this heading could be shown whether we have done drilling or any other work in addition to the examination. Give brief outline. If the property subsequently became a mine unit and was operated so state.

We do not have a complete file in this office on all properties examined by the Company and we will combine your report with the one being made up from our files to make the final report complete. I would appreciate it if you could put someone on this work until it is completed, sending me three copies of your tabulation.

Best regards,

Jack.
John W. Chandler.

JWC/jm

4-25-51 - Mr. Chandler will send us a list of the properties on which they have reports in their files, and we will then send him the information on the others.

GJD

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

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