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Arizona Department of Mines and Mineral Resources Mining Collection

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: VIVIENNE NO. 1 AND 2

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 522

LOCATION: TOWNSHIP 17 S RANGE 12 E SECTION 15 QUARTER NW
LATITUDE: N 31DEG 57MIN 06SEC LONGITUDE: W 111DEG 06MIN 21SEC
TOPO MAP NAME: TWIN BUTTES - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
- SILVER
- COPPER
- LEAD

BIBLIOGRAPHY:
- AZBM FILE DATA
- ADMMR VIVIEN MINE FILE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Vivienne Mine Date Sept. 28, 1960

District Pima Mining District, Pima County Engineer Axel L. Johnson

Subject: Present Status. Personal visit by field engineer.

References: Report of June 7, 1960

Present Status Engineer visited the property and found it closed down. It appeared that the mine had been closed permanently.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Vivienne Mine Date June 7, 1960

District Pima Mining District, Pima County Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Don Baines, and personal visit.

Location About Sec. 16 - T 16 S - R 12 E., about 3 miles SW of the San Xavier Mine, and near the Paymaster Mine. From the San Xavier Mine, drive about 1/2 mile south to road intersection marked "Dogtown Mine". Turn right (west) and drive about 2 1/2 miles on this road to the mine.

Number of Claims 2 unpatented claims.

Owner Jesus Ortiz, Tucson, Ariz.

Lessee & Operator Don Baines, 3488 Via Golondrino, Tucson, Ariz. (to move soon)
former address -- Kansas City, Mo.
Lease with 10 % royalty with option to purchase.

Principal Minerals Lead, Zinc, Silver, with a small amount of gold.

Present Mining Activity Repairing and retimbering old shaft. 7 men working.

Geology & Mineralization Narrow fissure veins, striking NE-SW, and dipping 50 to 60 degrees to the NW. Country rock appears to be andesite and quartzite. Veins a short distance east of the San Xavier Thrust. (SeeSouthern Arizona Guide Book II, Arizona Geological Society, 1959 - pages 209 & 210, and Figure 44). Vein being explored is from 12" to 36" wide (aver. 18"),strikes NE-SW, and dips 54 deg. to NW., and contains Pb, Zn, Ag.

Ore Values

Mr. Baines reports that, in examining A. S. & R. records, he found shipments had been made from this mine, which ran about $ 100.00 per ton in ore values, with the silver running 66 oz. He did not know the tonnage shipped. Shipments made in 1938.

Mr. Baines also reports taking samples of two of the waste dumps on the property, with the following results: (1) Dump at the shaft being repaired ran $ 46.00 per ton in ore values, running 27.8 % lead, 21.0 % Zinc, and $ 2.20 per ton in gold.
(2) Dump about 800 ft. away ran $ 56.00 to $ 74.00 per ton in ore values, assaying 38 oz. in silver.

Milling & Marketing No plans for mill installation. Direct shipments to smelter planned.

Old Mine Workings (1) Inclined shaft (incl. 54deg) --- 115 ft. deep ---now repaired and retimbered to a depth of 48 ft. A drift 133 ft. to the N. and one 130 ft. to the S. is reported on the 115 ft. level of this shaft. Shaft was sunk on the vein.
(2) Vertical shaft -- 50 ft. deep in good condition. Not on the vein.
(3) Inclined shaft -- 90 ft. deep -- sunk on a different vein.
(4) 4 Vertical shafts -- inaccessible and depth unknown.

Review of Mining Operations Mining operations to date are as follows:
A temporary headframe and hoist were installed.
The shaft has been repaired and retimbered to a depth of 48', which is now the water level. Shaft below this depth is caved in.

Proposed Plans Mr. Baines states that he plans on erecting a permanent headframe and hoist at the vertical shaft, now 50 ft. deep and in good condition (see item (2), and then sinking this shaft to a depth of 115 ft. or more, and drifting over to the vein.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date September 23, 1939

Mine Vivien [illegible]

District Pima Mining

Location 21 miles south on Mission Rd. 1½ miles off hard surfaced road In Twonship 17 S. Range 12 East.

Former name Aunt Hills

Owner George Wissmach

Address Ruby Star Route

Operator Jesus Certiz

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Silver & Lead

Men Employed Two at present

Production Rate Limited at present

Mill: Type & Cap.

Power: Amt. & Type 6 H.P. Fairbank's Moris Hoist

Operations: Present Drifting North at 105 ft. level

Operations Planned To sink shaft another 150 feet and then cut back to vein and also cut to paralell vein

Number Claims, Title, etc. Two claims. Clear title in name of George Wissmach Unpatented lodes--public domain

Description: Topog. & Geog. The country about the Viviens is not generally rough, except in the Buttes or hills which cover but a small part of the area east of the main range of the Serrita Mountains.

Mine Workings: Amt. & Condition Shaft at present workings 105 feet deep. Drifted South 100 feet and drifting North 75 feet.

(over)

Geology & Mineralization of this district carrying galenite, sphalerite and chalcoperites with gold and silver in both the paleozoic and andasite breccia. The Geology of this district can be found in bulletin 125 of the Arizona Bureau of Mines, University of Arizona

Ore: Positive & Probable, Ore Dumps, Tailings at present workings around 800 to 1000 tons on dump will average around $8.00 per ton. Have shipped ores that had net returns from $54.00 to as high as $120.44. The vein is a well defined vein from 4 to 6 ft. wide with a grade, streak from 8 inches to 27 inches wide.

Mine, ~~Mill~~ Equipment ~~& Flow Sheet~~ consist of 6 H.P. Fairbanks' Moris Hoist. Blower attachment installed, glass frame, bucket slide and ladder. Ore car all in good shape ready to operate.

Road Conditions, Route Mission Road paved around 12 miles and then balance hard surfaced road until Olive Camp for turn off. Can drive with car or truck right up to the workings.

Water Supply The north shaft has plenty of water for mining use, but drinking water must be hauled in.

Brief History This district is very much mineralized and up to the last World War all of those properties where operating this district is stak work, of veins. All properties worked. The veins have been continous.

Special Problems, Reports Filed The plan is to sink deeper on present incline and then cut back to vein, to go another 125 or 150 feet. The ore widens out in depth and increases in value.

Remarks We are in hopes the high grade will widen to 3 feet and Silver value Go around 2 to 3 hundred oz. per ton. This district is noted for this in former workings.

If property for sale: Price, terms and address to negotiate. We wish to raise money for this purpose, on two different plans. To pay a big bonus for the use of this money. Second, If wanting in as pardner will pay back amount at 75% rate until loan be paid off. After that we keep 75% and retain you as a pardner, at 25%, above operating expenses.

Signed George Wissmach

Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA

OWNERS MINE REPORT

Date September 23, 1939

Mine: Vivien

District: Pima Mining

Location: 21 miles south on Mission Rd. 1½ miles off hard surfaced road - in Township 17 S., Range 12 East.

Former name: Aunt Hills

Owner: George Wissmach

Address: Ruby Star Route

Operator: Jesus Certiz

Address:

President:

Gen. Mgr.:

Mine Supt.:

Mill Supt.:

Principal Metals: Silver and lead

Men Employed: Two at present

Production Rate: Limited at present

Mill: Type & Cap.

Power: Amt. & Type: 6 H.P. Fairbanks-Morse Hoist

Operations: Present: Drifting north at 105 ft. level

Operations Planned: To sink shaft another 150 feet and then cut back to vein and also cut to parallel vein

Number Claims, Title, etc.: Two claims. Clear title in name of George Wissmach Unpatented lodes - public domain

Description: Topog. & Geog.: The country about the Viviens is not generally rough, except in the Buttes or hills which cover but a small part of the area east of the main range of the Serrita Mountains.

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