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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SHAMROCK MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 288

LOCATION: TOWNSHIP 21 S RANGE 10 E SECTION 32 QUARTER C

LATITUDE: N 31DEG 33MIN 25SEC LONGITUDE: W 111DEG 20MIN 30SEC

TOPO MAP NAME: ARIVACA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD

SILVER

ZINC

URANIUM

BIBLIOGRAPHY:

US AEC PRR PIMA CO. AZ., 1955, P. 643

GJBS 143, 1981, RADIOACTIVE OCCURRENCES

AND URANIUM PRODUCTION, P. 234

ADMMR SHAMROCK MINE FILE

SHAMROCK MINE

REFERENCES

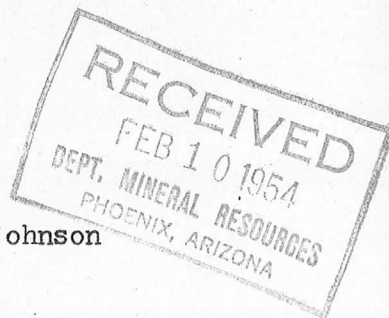
PIMA COUNTY

USAEC Preliminary Reconnaissance Report p. 643

MILS Sheet sequence number 0040190393

GJBX 143 1981 Radioactive Occurrences and Uranium Production in Arizona p. 234
ABG&MT Report

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



Mine Shamrock Mine

Date Feb. 2, 1954

District Arivaca District, Pima County

Engineer Axel L. Johnson

Subject: Field Engineers Report

Location 1 1/2 miles NW of Arivaca. Sec. 20-- T 21 S ---R 10 E

Number of Claims 2 unpatented claims. -----located Aug. 15, 1953

Owners Chas E. Bent, Arivaca, Ariz. ' doing business as M., B., & M. Mining Co.
C. V. Myers, Sr., Arivaca, Ariz. '
Courtney V. Myers, Arivaca, Ariz. '

Operstors Same as Above.

Principal Minerals Silver and Lead.

Number of Men Employed 4

Production Rate No definite production, as operators are doing exploration and development work, in order to develop ore reserves, and get ready for future production.

Topography Gentle rolling hills.

Geology Has a quartz vein from 2 to 3 ft. wide, dipping about 30 degrees NE, containing particles of galena, with relatively high silver values. Footwall and hanging wall is shale.

Ore Values Operators have made no statement as to ore values found in the vein. Operators reported one carload of ore was shipped to the Hayden smelter of the A.S. & R., and one of the operators intimated that the grade of the ore was really too low for shipping. Operators have an ore pile of a few tons of ore, which appears to be a little too low a grade for direct shipment to the smelter.

Ore in Sight and Probable Not determined as yet.

Milling and Marketing Facilities Operators are talking about constructing a mill to mill the ore. It is doubtful, however, if enough ore can be developed on the property to warrant the installation of a mill. It is furthermore very doubtful if such an operation would be profitable in view of the narrow width of the vein, unless the vein widens out with depth.

Present Mine Workings 1 Open Cut ---- 40 ft. long. ---- 2 to 12 ft. deep ---- in ore
1 Trench ----- 30 ft. long. ---- 2 to 10 ft. deep ---partly ore
1 Vertical shaft ----- 30 ft. deep ---- in the footwall.

Past History None. Claims located on Aug. 15, 1953.

Present Operations Operators are now engaged in sinking a vertical shaft in the footwall. Shaft cut across the vein at a depth of about 6 ft, and is now entirely in rock in the footwall. Operators intend to cross cut into the vein at a depth of 50 ft.