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11/29/85

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: ESPANTO MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 583

LOCATION: TOWNSHIP 18 S RANGE 17 E SECTION 3 QTR. SE
LATITUDE:N 31DEG 53MIN 52SEC LONGITUDE:W 110DEG 35MIN 34SEC
TOPO MAP NAME: EMPIRE MTS - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

LEAD-PRIMARY

SILVER-PRIMARY

GOLD-(M) LODE-BYPRODUCT

BIBLIOGRAPHY:

ADMMR ESPANTO MINE FILE

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Espanto Mine

Date March 27, 1958

District Empire Mining District, Pima County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Personal visit & information from Paul F. Herberman.

Location Section 3 -- T 18 S -- R 17 E. Approximately 45 miles SE of Tucson. Starting from Tucson, take Highway # 80 SE for 25 miles to Mt. View. Turn right on the Mt. View-Sonoita Highway (#83), and drive south for 10 miles. Turn left (east) and drive about 9 miles on a mine road to the mine. Road is rough and steep.

Number of Claims 1 unpat. claim, located April 26, 1957. Claim is within 1/4 mile of the old Total Wreck Mine.

Owners Paul F. Herberman, 5406 East 18th Street, Tucson, Ariz.
 Ramon Morales, Tucson, Ariz.

Principal Minerals Lead, Silver, Gold.

Present Mining Activity None. Mine is idle.

Geology & Mineralization A 2 ft. fissure vein is reported in the 225 ft. vertical shaft, which is open, but inaccessible to entry. Engineer could look down about 20 ft., but could see only alluvial material in that distance. Two fair sized stockpiles were found, adjacent to the shaft. One stockpile contained waste rock, but the other stockpile contained mixed ore and waste. The ore was mostly cerussite, accompanied with hematite and limonite. Owner plans to handsort this stockpile, which is about 35 tons, in the hopes of obtaining about 10 tons of ore. Small open cut on the hillside in the limestone formation showed no ore, as it was filled with silt. However, the owners had about a 4 ton handsorted stockpile of ore next to the open cut. Schraders report (pages 141 to 152) classifies the limestone in the area as Carboniferous in age, stating the the limestone is underlain with an intrusive granite, and the deposits in this area owe their origin to circulating thermal solutions that accompanied or followed the intrusion of the granite.

Ore Values Mr. Herberman reported the following analysis of the 2 ft. vein in the 225 ft. shaft (sampled some time ago with the aid of a rope and windlass)-----
Lead -- 20 %; Silver -- 10 oz.; Gold -- \$1.70 values; Copper 2 %.
He reports the 4 ton handsorted stockpile with he following analysis:-----
Lead -- 12 %; Silver -- 10 oz.; Gold \$1.05 value; Copper -- 0.8 %.

Ore in Sight & Probable No ore in sight. Probable ore very little.

Milling & Marketing Facilities No mill. Ore will have to be shipped direct to smelter.

Mine Workings (1) A 225 ft. vertical shaft, as described above. Shaft is reported as being sunk in 1870 in search of Gold, and was financed by Eastern capital. Shaft in need of repairs and timbering. first 20 ft. from collar down is alluvial deposit.
(2) One drift, 20 to 30 ft. long extending south from bottom of shaft.
(3) One small open cut about 150 ft. up the hill from the shaft, with a 4 ton stockpile of handsorted ore, adjacent to same. Open cut is about 10' x 10' x 6', and bottom of same covered with silt.

Present Mining Operations None.

Proposed Plans Operators plan to handsort the old stockpile near the 225 ft. shaft, and ship this ore together with the 4 tons of ore at the open cut. No mine operation planned.