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PRINTED: 12/11/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BUENA VISTA

ALTERNATE NAMES:

FOURR
HORSE FALL MINES

COCHISE COUNTY MILS NUMBER: 89

LOCATION: TOWNSHIP 17 S RANGE 23 E SECTION 8 QUARTER SE
LATITUDE: N 31DEG 58MIN 06SEC LONGITUDE: W 110DEG 01MIN 13SEC
TOPO MAP NAME: KNOB HILL - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD
ZINC
COPPER

BIBLIOGRAPHY:

KEITH, S.B., 1973, AZBM BULL. 187, P. 63
ADMMR BUENA VISTA AND HORSE FALL MINES FILE
KREIDLER, TERRY J., "MINERAL -RESOURCE POTENTIAL OF THE DRAGOON MOUNTAINS RARE II
FURTHER PLANNING AREA, COCHISE CO, AZ" U S
BUR OF MINES, MLA 35-82, 1981 ADMMR GEO FILE

LIBRARY
EAGLE-PICHER M. & S. CO.

Tombstone, Arizona, December 7, 1937.

To
Eagle-Picher Mining & Smelting Co.,
Tucson, Arizona.

Fourr Copper Mine
Now known as
Buena Vista Mine
Dragoon Mountains in
Cochise County, Arizona.

The old "Fourr Copper Mine" is reached from Dragoon by good "C.C.C" highway 4.7 miles to the Fourr Ranch house, 2 miles wagon road following canyon to base of high mountains, and a stiff climb of about $1\frac{1}{2}$ miles from an altitude of 5320 feet above sea level at the base of the mountain to an altitude of 6350 feet at the mine. Ore from the mine is packed by burro to the base of the mountain, - and end of the road.

Ores consist of carbonates and oxides of copper, and very little, occasional, sulphides, with garnet-quartz-calcite gangue, in gash veins in limestone. The limestone is intruded by andesite and diorite. The gash veins have a general trend, or strike, N 20° W-S 20° E and dip from 60° to 70° westerly.

Property opened up by surface cuts along strike of veins, and shaft about 100 feet deep, with short drifts from the bottom of the shaft, and a winze about 40-ft deep sunk from the level of the bottom of the shaft. A 100-ft cross cut adit was driven to cut the bottom of the shaft. Ore has been stoped from the level at the bottom of the shaft (which is also the adit level) to the surface. The ore shoot was less than 50 feet in length -- along strike -- and had a width of about 1 foot at the bottom of the shaft to about 10 feet at the surface, collar of shaft. Recently about 65 tons of ore was mined from the surface, starting near the collar of the shaft, and packed by burros to the base of the mountain, from which about 45 tons were shipped to the smelter. The returns from the shipment are not available, but apparently the ore was of too low grade for profitable mining, judging from the appearance of the 25 tons still remaining.

While the surface, along the outcrop of the gash veins, shows a few copper stains, open cuts have failed to disclose other ore shoots.

The gash veins show very sparse mineralization on the crosscut adit level, at bottom of the shaft, and in the 40-ft winze workings.

The mine has apparently been exhausted of ore, and indications are not favorable for finding other deposits of commercial value.

Two samples were taken:

Buena Vista #1.	Mineralized streaks in winze workings.
Buena Vista #2.	Selected chip sample of 25 tons (more or less) of ore remaining at base of mountain -- loading platform -- similar to ore recently shipped to the smelter.

The Buena Vista mine was visited December 4, 1937.

Yours truly,

F. H. Lerchen.

Ramphel
ASSAYER.