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06/05/89

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: RATTAN

ALTERNATE NAMES:

RUTH

MOHAVE COUNTY MILS NUMBER: 56E

LOCATION: TOWNSHIP 20 N RANGE 20 W SECTION 30 QUARTER NE  
LATITUDE: N 35DEG 05MIN 53SEC LONGITUDE: W 114DEG 26MIN 34SEC  
TOPO MAP NAME: OATMAN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD LODE  
SILVER

BIBLIOGRAPHY:

ADMMR RATTAN FILE  
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SCHRADER, F.C., "MIN. DPSTS OF CRBT RNG, BLCK  
MTN, GRND WSH CLFS, AZ" USGS BUL 397, P 172-3  
WILSON, E.D. "AZ LODE GOLD MINES" AZBM BULL  
137, P. 98; 1967  
GARDNER, E.D. "GOLD MNG & MLLNG IN BLCK MTNS,  
AZ" USBM IC 6901, P. 32-33; 1936  
FOSTER, T.C., 23RD ANNUAL RPT. OF AZ STATE  
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BM 1793

BM 1948

BM 2028

Cathedral Rock

Hardy Mtn

Silver Creek Spring

Cathman 7.5

Rattan

T20N R20W Sec. 30 NE

Mossy

Wash

TRAIL

Mossy Miper

32

34

36

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5

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2301

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USLM 2670

USMM M2

3235

3138

2427

2689

3048

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RUTH-RATTAN

MOHAVE

KAP WR 6/29/84: Provided information on the underground workings of Ruth Mine (Ruth-Rattan file) Oatman District, Mohave County to the State Mine Inspector's Office. A body was recently found/reported in the mine.

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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Ruth-Rattan

Date July 31, 1953

District San Francisco (Oatman)

Engineer Geo. F. Reed

Subject: General Description & Current News

Location & General Conditions:

This property is located 7 miles NW of Oatman via the Silver Creek Road from Oatman to Bullhead. It adjoins the Moss Mine and is reached by the same road. The property is now being pumped out through the Ruth Shaft, and was last dewatered in 1940.

It is in Northern edge of (Sec. 30, Twp. 22N, R20W.) A good graded road reaches within a mile, then a poor road turns right to the mine.

Ownership:

The property consists of two patented claims, the Ruth & Rattan. They are owned by R. A. Boyle, c/o Oscar Buder, 25 Lennox Place, St. Louis, Mo. Operating now is Lead King Mines under direction of James H. McCarthy, Oatman, 6 men employed.

Geology & Topography:-

The mine is in rolling to rugged country at about 2500 feet elev. Hot, desert country with sparse brush and cactus. The principal country rock is called Moss Porphyry by U.S.G.S. and classified as an intrusive rock, quartz monzonite porphyry. The Western end of the vein may extend into Alcyone Trachyte, a flow rock. The vein generally strikes about East and dips North about 60 degrees. The vein is quartz with a small amount of pyrite and a little green and blue fluorite. Some calcite.

Ore: ore

The was all mined prior to my stay on the property in 1940. (I worked there for Tonapah Mining Co.) An ore shoot came to surface 100 to 200 feet West of the inclined shaft and raked East so that on the 300, it is 150 to 250 feet East of the shaft. (Ruth Shaft) Hearsay says that this ore ran from half ounce to an ounce of gold per ton and a little silver. Sampling across four or five feet in the East face on the 300 level about 200 feet beyond the ore-shoot, ran about \$8.00 in gold. (\$35.00 gold) A small underhand stope on the 300 level is apparently the deepest mining. Our cross-cut on the 400 cut the Moss Vein about 400 feet North of the Ruth Vein. At this point the Moss Vein (which we had previously cut with three drill holes) was about 20-30 feet wide and ran around \$2.00 to \$3.00 in gold and silver. The cross-cut was run to check the center hole of three horizontal holes which cut the vein at intervals of about 100 feet horizontally. About 1000 feet West of this area on the Moss Vein, we had a block of ore 60 feet wide and 150 feet long that ran about \$5.00 in gold and silver on the Moss Shaft 300 level. Vein widths in the Ruth Vein are much narrower than the Moss, running from 2 to 8 feet, roughly.

Water & Power:-

Water in the mine may be about 10-20 gallons a minute. Power must be made unless a line was strung in several miles.

Workings:-

The Ruth shaft inclined about with the vein and 400 feet deep is the main entrance now. Levels at 100, 300 & 400 total roughly 1500 feet. About 400 feet west of Ruth Shaft, the 100 connects to an old shaft, sunk near an old cyanide mill, now gone.

*George F. Reed*



DEPARTMENT OF MINERAL RESOURCES

News Items

Date July 31, 1953

Mine Ruth-Rattan

Location 7 mi. NW of Oatman

Owner Boyle, R.A., in care of

Address Oscar Buder, 25 Lennox Pl., St. Louis  
Mo.

Operating Co. Lead King Mines

Address Oatman, Ariz.

Pres.

Genl. Mgr. James H. McCarthy

Mine Supt.

Mill Supt.

Principal Metals Gold-Silver

Men Employed 6

Production Rate Exploration Only

Mill, Type & Capacity

Power, Amt. & Type Diesel & gas engines

Signed

(Over)

*George F. Reed*

Present Operations

Unwatering Ruth Shaft, 400 foot  
incline, and sampling and  
examination of old workings.

New Work Planned Possibly a development  
program.

Misc. Notes Mine was last unwatered in  
1940 when Tonapah Min. Co.  
& Ventures of Canada had the  
adjoining Moss Mone and worked  
through Ruth Shaft in a cross-  
cut to Moss Vein on 400 level.

July 31st mine was  
pumped out & sampling  
commenced.