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06/08/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: EVENING STAR MINE

ALTERNATE NAMES:

YUMA COUNTY MILS NUMBER: 93

LOCATION: TOWNSHIP 2 S RANGE 17 W SECTION 2 QUARTER NE
LATITUDE: N 33DEG 17MIN 16SEC LONGITUDE: W 113DEG 58MIN 47SEC
TOPO MAP NAME: KOFA BUTTE - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD LODE
SILVER
TUNGSTEN

BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 155
ADMMR EVENING STAR FILE
ADMMR "U" FILE, W11

EVENING STAR MINE

Kofa Mining Dist., Yuma County

Lindner and Findlay own the Evening Star claims next to the King of Arizona on the west. They leased this to Wally Stevens of Yuma and Charlie Palmer of Blythe, California. Lindner and Findlay are currently dry washing the Rob Roy gold placers.

LEWIS A. SMITH - Yuma Conf. Meeting - 9-6-61

USBm RI 5516, 1959, p. 26, 28, 29

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Arising Star Mine
Mine LINDNER-FINDLEY MINE

Date January 7, 1960

District Kofa District, Yuma County

Engineer Lewis A. Smith

Subject: Interview with Carl Lindner at Yuma

Property: 2 claims

Location: Adjoins the King of Arizona to west. (T2S R17W S, 11-12 (Line))

Owners: (Carl) H.E. Lindner and Wm. Findley (Lindner's address is Box 1257, Yuma)

Access: Turn right (east) 1/4 mile north of the Rock House Service Station (28 miles south of Quartzsite on the Yuma-Quartzsite Hwy.) thence 19 miles east to a fork (marked) and thence 9 miles over an ungraded road.

Work: Two inclined shafts dipping flatly to the southwest. One shaft is 75' deep on the incline and the second is shallower. The two are connected by two levels. Some stoping of the better ore occurred near the older shaft and near the surface. The exposure shows about 300' of length and 3-6' of width. Samples indicate \$30.00 per ton in gold, but local pockets are of higher grade. Some placer lies below. A small gravity concentration mill is periodically operated.

Geology: The vein lies in ~~andesite~~ ^{Schists} and has a quartz gangue. This ~~andesite~~, to the north, underlies later rhyolite dacite and agglomerates, which fill the lower relief areas of the andesite, such as valleys etc. The flows are flat lying and have been faulted locally. The King of Arizona, Rob Roy and Arizona Star are in the andesite ^{& Schists} also, but in places, it was found that andesite lies on pre-Cambrian (?) granite (or monzonite) and schist. The top of the Kofa nearby, appears to be capped by basalt of Late (?) Tertiary Age.

Future: The partners hope to gradually deepen the main shaft to see how far the ore goes below its present bottom. Water for the operation is furnished by a good well, nearby.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine **Evening Star**

Date **1-7-59**

District **Kofa Mining District, Yuma County**

Engineer **Lewis A. Smith**

Subject: **(Reported by W.E. Lindner)**

Location: **Sec. 10, T. 2 S., R. 18 W. (unsurveyed)**

Access: By road (dirt) the mine is 45 miles to Roll and 59 miles to Quartzsite. The road to Quartzsite is paved from the Rock House Service Station to Quartzsite.

Owners: **W. E. Lindner and Walter Parker**

Address: **W. E. Lindner, Box 1257, Yuma, Arizona**

Claims: **5 (unpatented)**

Topography: Dissected rolling foothills at west base of the Kofa Mountains (1½ miles west of the King of Arizona Mine). A steep ridge separates the two mines.

Workings: The mine is developed by a 200' tunnel connected to a 100' vertical shaft. Stope raises are being driven to connect 4 small stopes with the tunnel, one of these raises is connected and two others are near to connections. Equipment consists of a 100# Compressor and two jackhammers. It is hoped that the partners may acquire a hoist for the shaft and rails to place a track in the tunnel.

Mill: The mill is, according to Lindner, a home-made affair which treats about 2 tons per 8 hours. It is composed of a small crushing unit and an amalgamation table driven by gasoline motors. No production has been made to date.

Geology: The general geology of that end of the Kofa Mountains consists of a granite and schist basement capped by a series of volcanic flows of probable Tertiary Age. This series in order from bottom to top consists of Andesites, Rhyolites and Basalts, each group having been separated by erosional epochs of long duration. The bulk of the gold ore has been located in the andesites, but may extend downward into the basement (as found in the King of Arizona). The gangue is generally spongy, vuggy and iron stained quartz. The veins trend in a N-S direction and vary from flat (35°- 40°) dips to steep ones. The Evening Star vein, as exposed, is flat, dipping (35-40°) to the west and trends N-S. It has been prospected over a length of more than 100 feet and averages about 8' wide. 4 samples at intervals over the length showed \$33.60 in gold and \$0.70 in silver. The country rocks consist of andesite and underlying granite, the schist being locally absent. The claims have another narrow vein which shows some copper oxides (mainly chrysocolla). No work has been done on this. Most of the vugs are empty (indicating little copper and much iron in the primary sulphides). (This is characteristic of the area.)

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date 1 - 7 - 59

1. Mine: Evening Star (1/4 sw. of North Star Coffet Quartzite - Yuma Hwy)
2. Location: Sec. Sec 10 Twp. T25 Range. 18 W. Nearest Town Quartzsite Distance 59
Direction 5 Nearest R.R. Roll Distance 45
Road Conditions 9 miles country road + 22 miles of county road (graded to Rwy 95)
3. Mining District and County: Kofa District, Yuma Co.
4. Former Name of Mine: Old Ironwood.
5. Owner: H. E. Lindner and Walter Parker
Address: P.O. Box 1257, Yuma (Lindner)
6. Operator: ✓
Address: ✓
7. Principal Minerals: Gold, scheelite (some)
8. Number of Claims: Lode 5 Patented _____ Unpatented ✓
Placer _____ Patented _____ Unpatented _____
9. Type of Surrounding Terrain: Rolling hills at base of Kofas west of the North Star Mine and extending part of the way up the ridge between this mine and the North Star.
10. Geology and Mineralization: Spongy quartz with vugs stained by iron oxides. N-S Trend and Flat W. dip (at about 35 to 40°) vein is 8' wide, 100' exposed. Country rock is Andesite overlying granite (schist negligible) ^{or composite subvolcanic rhyolite} 33.60 in gold and 70% of Ag. across the face in 4 different locations. Generally, in the area flow dips are flat as they overlie the schist-granite basement. 1 - small copper vein. Vugs ^{are} empty (Pyrite originally). Apparently the granite-schist basement had been peniplanated prior to volcanism.
11. Dimension and Value of Ore Body: Unknown in depth or lateral extent.

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

(over)

12. Ore "Blocked Out" or "In Sight": 800 tons in dump Several hundred tons in place as indicated by the shaft and tunnel.

Ore Probable: Unknown without further development.

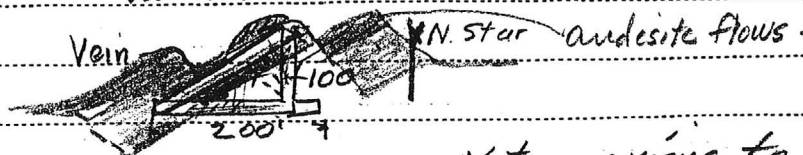
13. Mine Workings—Amount and Condition: Good

No.	Feet	Condition
Shafts. <u>1</u>	<u>100</u>	<u>vertical ✓</u>
Raises.		
Tunnels. <u>1</u>	<u>200'</u>	<u>Haulage tunnel—connects with shaft (see drawing below)</u>
Crosscuts.		
Stopes. <u>4</u>	<u>3- 20' deep on incline</u> <u>1- 35' "</u>	<u>Not connected to shaft but are positioned for connection. One is connected</u>

14. Water Supply: Domestic Water on a nearby claim which is not contingent to the mining claims.

15. Brief History: Owen by North Star who bought the claims from Charlie Sam. Dropped at some time afterwards.

16. Remarks: "Jack Leg" Mill (2-ton capacity per 8 Hours).
Rented Jack hammers. Feeder shoots to shaft.
No track in tunnel now.



17. If Property for Sale, List Approximate Price and Terms: Not anxious to sell (but would under some conditions)

18. Signature: H.C. Linder