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Arizona Department of Mines and Mineral Resources Mining Collection

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08/14/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: CARA VACA MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 254

LOCATION: TOWNSHIP 14 S RANGE 2 E SECTION 28 QUARTER NW
LATITUDE: N 32DEG 10MIN 47SEC LONGITUDE: W 112DEG 11MIN 51SEC
TOPO MAP NAME: QUIJOTOA MTS - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD LODE
SILVER

BIBLIOGRAPHY:

S.B. KEITH, AZBM BULL. 189, P. 140
ADMMR CARA VACA FILE

CARA VACA

Cu, Ag

Pima

10 - 2

14 ?
T 15 S, R 1 E

Keith Knight, Box 7, Sells

'45

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 3/21/45

Name of Mine..... Cari Vaca

Owner or Operator..... Keith Knight

Address..... Covered Wells Ira Seels

Mine Location..... Poso Blanco Ind

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development ; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month <i>etc</i>
Personal Cars
Light or Service Trucks	<u>30 Ford Stake</u>	<u>200</u>
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper Silver

REMARKS:

* Mr Knight is preparing this property for production. He has been allotted 2000 gpa. for hauling hay but will need the additional gas for mineral purposes.

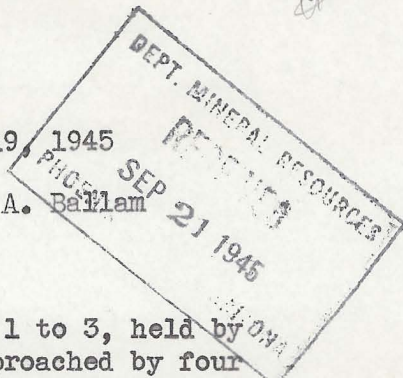
ARIZONA DEPARTMENT OF MINERAL RESOURCES

By Wm A. Dill

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Cara Vaca Date Sept. 19, 1945
District Poso Blanco (Quijotoa) Engineer George A. Ballam
Subject: Mine examination



This property consists of three claims, Cara Vaca Nos. 1 to 3, held by location by Keith Knight, Box. 7, Sells, Arizona. It is approached by four miles of fair desert road which takes off the Tucson-Ajo highway 5 miles west of Covered Wells or Quijotoa.

Development work has been done on Cara Vaca No. 1. Here a north-south ridge of quartzsite dominates the surrounding country. Some few yards below it to the east is a bold outcropping of limestone. About 150 feet farther east is a parallel gabbro dyke, dipping at about 30° toward the lime. The area between lime and gabbro is a highly leached porphyry, soft and spongy, and full of residual iron as limonite together with occasional copper stains. This mass carries values up to \$3.50 in gold, silver and copper.

Lying on the basic footwall and dipping at 30° toward the lime is a five foot vein of a somewhat different rock, more acid and not so highly leached as far as gold is concerned. Numerous samples on the outcrop assay about 0.35 oz. gold. However, some manganese is apparent as dendrites in the outcrop which does not indicate that ~~some~~ gold values have been retained in their entirety. An inclined shaft was started from this outcrop, following opening up for about 50 feet along the strike to establish values. The leached porphyritic mass however is extremely difficult to hold owing to its soft condition. Sinking was difficult and was abandoned at about 60 feet. Mining would have been more of a problem.

It is the owners intention to sink a vertical shaft on the lime where walls are good. He should cut the above mentioned vein at 110 feet. Owing to all conditions being favorable to an enrichment at this depth which is also about water level, this plan appears feasible and the best to be followed under the circumstances.

Indian miners, developed by operator during the past several years, are available in nearby villages. A well, some 500 yards east of workings has furnished water sufficient for mining and camp needs. Surrounding country has not been prospected since no evidence of location monuments or old workings is apparent. Country for miles around is timbered with ironwood and other desert woods. This is all on Papago Indian Reservation.

* Good highways lead to Ajo and Casa Grande, both possible shipping points, about 50 and 60 miles distant respectively. Established hauling rate on former shipments is \$4 per ton.

George A. Ballam

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