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Arizona Department of Mines and Mineral Resources Mining Collection

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07/30/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: QUIJOTOA URANIUM MINES

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 714

LOCATION: TOWNSHIP 15 S RANGE 2 E SECTION 12 QUARTER S2
LATITUDE: N 32DEG 07MIN 41SEC LONGITUDE: W 112DEG 07MIN 10SEC
TOPO MAP NAME: QUIJOTOA MTS - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

URANIUM
COPPER

BIBLIOGRAPHY:

ADMMR QUIJOTA URANIUM MINES FILE
GJBX 143 - P. 223, SEE LINDA LEE CLAIMS

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Quijotoa Uranium Mines

Date Sept. 2, 1955

District Quijotoa District ---- Pima Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report. Personal Visit and information from Ed Brooks, Manager.

Location South of Covered Wells. Drive south from Covered Wells (Quijotoa) for about 4 miles, or north from Sells about 18 miles on Highway 86. Turn west and drive about 2 miles to the mine.

Number of Claims 26 unpatented claims.

(1) Bought 9 claims from Joe Wilson and Milton Graff of the State Farm Employment Co., Tucson, Ariz.

(2) Have option on 12 claims owned by George Ballam, Sells, Ariz. to purchase same. This is a 90 day options, which will expire about Nov. 1.

(3) Have option to purchase 5 claims from James M. Richmond, Box 37, Sells, Ariz.

Owners O. & L. Uranium Co., 9317 Colina Road, Whittier, Calif.--Orin Swain, et. al.

Operators Same as above.

Officers Ed Brooks, Field Manager, Box 431, Ajo, Ariz. Cornelia Hotel.

Principal Minerals Uranium ore in the form of uraninite, with some autunite.

Number of Men Employed 4

Production Rate About 22 tons of Uranium ore has been stockpiled since work started. No shipments have been made to date.

Geology A vein about 40 inches wide, 24 inches of same containing Uranium values, has been found between a hanging wall of shale and a footwall of granite. This vein dips about 80 degrees to the southwest and has been traced to date for a length of about 60 ft. The vein material is highly complex, containing chiefly magnetite, hematite, limonite, calcite, pyrite, chalcopryrite, and copper oxides and appears to be highly siliceous. The Atomic Energy Commission has reported that the Uranium contained in this vein is chiefly Uraninite, together with a small amount of autunite. Other ore pockets are also reported.

Ore Values Mr. Brooks estimates that a 15 ton stockpile near the workings will average about 1.5 % Uranium, and that a small ore pile of about 7 tons will average about 0.9 % Uranium. He expects the ore mined will average close to 1.5 %. My estimates, judging from the geiger counter readings on same is somewhat less, but may approximate 1.0 %.

Ore in Sight and Probable Not enough information to base any estimates of "probable ore". No ore blocked out to date.

Present Mine Workings (1) 1 shaft (vertical)----18 ft. deep, now being driven. It is planned to sink this shaft to a depth of 120 ft. This shaft is a 4' x 6', 1 1/2 compt. shaft
(2) 3 open cuts, exposing the vein.

Present Operations Sinking the shaft described above.

QUIJOTOA URANIUM MINES

REFERENCES

PIMA COUNTY

Linda Lee Claims (green card)

Linda Lee Claims MILS Sheet sequence number 0040190293

MILS Sheet sequence number 0040190771

GJBX 143 1981 Radioactive Occurrences and Uranium Production in Arizona p. 233
ABG&MT Report

O. & L. URANIUM CO.
9317 Colina Road,
Whittier, Calif.

MINE: QUIJOTOA URANIUM MINES, ^{file)} Quijotoa Dist., PimaCo., - 4 Mi. S and
2 Mi. W of Covered Wells.

OWNER: Above named -

OPERATORS: Same.

9-2-55

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