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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BLUE ROCK MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 440

LOCATION: TOWNSHIP 13 S RANGE 17 E SECTION 27 QUARTER --  
LATITUDE: N 32DEG 16MIN 36SEC LONGITUDE: W 110DEG 35MIN 40SEC  
TOPO MAP NAME: BELLOTA RANCH - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
URANIUM

BIBLIOGRAPHY:

US MSHA METAL-NONMETAL MINE FILE REF., 1978  
GEORGE TWEEDY, US MSHA, PHOENIX, ARIZ.  
PERSONAL COMM., 1979  
FRANK TUNE, US MSHA, TUCSON ARIZ.,  
PERSONAL COMM., 1979  
ADMMR BLUE ROCK MINE FILE  
AEC RME-2077, RME-2075 (81)  
ADMMR BELLOTA RANCH KINNISON FILE

BLUE ROCK MINE

PIMA

Trans World Mineral, Russel Twifford, et al, has the Blue Rock 1 & 2 State leases in Pima County optioned from the Hill family. They (Trans World) have a small stockpile of  $U_3O_8$  ore (200-300 tons) and will contact UOCO. They also feel they have a potential for a large, low-grade deposit.  
KAP WR 8/18/76

A planner with State Land Department stated Aries Corp. is going to erect a mill on this property--they are a Salt Lake City firm. JHJ 1/6/78

UOCO did make one shipment from the Blue Rock Mine (south of Tucson, on Redington road). Part of it is on State Lease, Oklahoma Power Company is on one side, and Utah International on the other. They trucked 100 tons in four months to Benson. Aries Mining Company, out of Salt Lake City took over in November and is going underground. Al Selos, Manager, (or Seelos), will ship two trucks per week. They can haul concentrates to Grants economically because it is a back-haul rate for the trucker hauling Idarado concentrates to San Manuel. Aries is operating as Blue Rock Ventures. Have 40 ppm in their water that they are going to recover. Grants recovers 10 ppm at a profit UOCO has 10-12 properties developing. Properties near Carefree and on Lime Creek area ready for production.

*J.H. J's Memo 4/14/78 a-p.*

3-7-78

Blue Rock Ventures: joint venture between Arics Uranium Inc (Salt Lake City?) and El Portal Mining Co. (Wichita Falls).

Exploration centered on Blue Rock mine (somewhere in Sec 10-15, T135, R18E); drilling and underground drifting being carried out

Project Manager: Mr. Alan Seelos  
346 East Second South  
SLC, Utah 84111  
phone (801) 328-3505

Another address: El Portal Mining Co.  
1336 South 1100 East  
SLC, Utah  
phone (801) 487-3952



BLUE ROCK MINE

REFERENCES

PIMA COUNTY

USGS Bull. 1147-A p. A934

ADMR Fluorspar p. 34

ABM Bull. 180, p. 354

USAEC Preliminary Reconnaissance Report p. 636

MILS Sheet sequence number 0040190435

GJBX 143 1981 Radioactive Occurrences and Uranium Production in Arizona p. 229  
ABG&MT Report

RME 2077 - Reconnaissance Geology of the Blue Rock Area, Pima, Cochise Counties, Arizona  
DOE Microfiche

TUCSON URANIUM COMPANY (OWNER)  
540 W. Price Road,  
Tucson, Arizona

Feb. 23, 1955

Subsidiary of -  
Uranium Enterprises  
330 E. Camelback Rd,  
Phoenix, Arizona

MINE: BLUE ROCK MINE <sup>WU</sup> Rincon Dist., Pima County - 36 Mi E of Tucson

TUCSON URANIUM COMPANY (OWNER)

Feb. 23, 1955

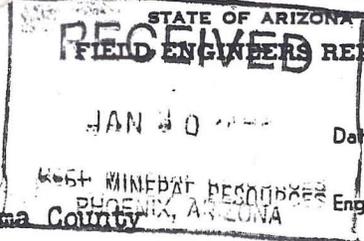
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DEPARTMENT OF MINERAL RESOURCES



Date Feb. 23, 1955.

Mine Blue Rock Mine

District Rincon District --- Pima County

Engineer Axel L. Johnson

Subject: Field Engineers Report ----- Personal Visit and Information from Mr. Roddell.

Location 36 miles east of Tucson. Go out the Reddington Road for 33 miles. Turn right at gate, locked and marked "Private--No trespassing." Call Tucson Uranium Co., Carl Amsbury, Supt., 540 W. Prince Road, Tucson, Ariz. -- Tel. 4-4321 and make arrangements to go out and visit the property.

Number of Claims About 110 claims -----some owned outright---others leased.

Owners Tucson Uranium Co., a subsidiary of Uranium Enterprises, 330 E. Camelback Road, Phoenix, Ariz. Address of Tucson Uranium Co. -----540 W. Price Road, Tucson, Arizona. Tel. 4-4321

Operators Same as above.

Officers Carl Amsbury, Superintendent, 540 W. Prince Road, Tucson, Ariz. Tel. 4-4321

Principal Minerals Uranium ore. Ore is Uraninite. It has not been determined whether it is primary or secondary.

Number of Men Employed 4 ----2 men driving tunnel----2 men starting a second tunnel.

Production Rate Very small and variable. Ore is stockpiled. Company is engaged in exploration work, and the ore extracted in this work is stockpiled pending future arrangements for shipping same. Operators report stockpiles in the amount of about 500 tons, extracted in the past 6 months.

Topography Moderately rough terrain in the Rincon Mts. Steep grade on road from mine to the Reddington Road.

Geology Vein containing layers of quartz and highly altered schist. This vein is about a foot wide and dipping about 45 degrees. Uranium ore found in the schist just above the vein. Both hanging wall and footwall of the vein is schist. The ore is uraninite, and the Arizona Bureau of Mines reports that it has not been determined yet, whether it is primary or secondary.

Ore Values We determined by means of calibrated geiger counters that the ore would average about 0.2 % Uranium. Mr. Jackson L. Clark of the Arizona Bureau of Mines states that, from his observations on the samples brought in, he believes they will have difficulty keeping the grade of the ore up to 0.2 %.

Ore in Sight and Probable Not determined as yet. Exploration being continued on the ore body to determine this. Ore in sight in the breast and the back of a drift about ft. long.

Present Mine Workings 1 vertical shaft ----50 ft. deep.  
1 inclined shaft (incl 20 deg) ----40 ft. deep, and about 175 of drift at the bottom of same.

General Remarks As this is an underground operation, the ore is marginal---Value at \$30 per ton, including the bonus on the first 10,000 lbs.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA

FIELD ENGINEERS REPORT  
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Mine Blue Rock Mine

Date Feb. 23, 1955

District Rincon District -----Pima Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report (continued)

Diamond Drill Hole Exploration

The Minerals Engineering Co. of Grand Junction, Colorado is doing diamond drilling on the property with one diamond drill rig and using a BX core. They have drilled 7 diamond drill holes to date, each from 150 to 200 ft. in depth. They are now drilling their 8th hole, and is down about 75 ft. in same.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
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