



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LUCKY BOY

ALTERNATE NAMES:

PHELPS DODGE CORP LEASE
PINAL PROPERTIES

GILA COUNTY MILS NUMBER: 59A

LOCATION: TOWNSHIP 2 S RANGE 15 E SECTION 31 QUARTER NE
LATITUDE: N 33DEG 13MIN 07SEC LONGITUDE: W 110DEG 50MIN 36SEC
TOPO MAP NAME: EL CAPITAN MTN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

URANIUM

BIBLIOGRAPHY:

ADMMR LUCKY BOY MINE FILE
GRANGER & RAUP GEO U DEP DRIPPING SPRNGS
QUARTSZITE, USGS PP 595, PP 2-3
SUPP USGS PP 595 PP 78-82

LUCKY BOY MINE

GILA COUNTY

USGS Bull. 1046 p. 417

USGS P.P. 595 p. 64

Open file report on P.P. 595 p. 78
In AEC files



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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

Gila Co.
South of Globe
Lucky Boy Mine

T3S R 15E Sec 31
2

MILS # 59A
2-AKA
Lucky Boy (yep)

MM-4900 Torbernite
4901 Torbernite
4902 Torbernite
4903 Torbernite
K418 Uranium Yellow Cake

Information from MINE INSPECTOR'S OFFICE - August 15, 1957

✓ LUCKY BOY MINE, Workman Cr., Sierra Anchas Dist., GILA CO. 5-8-57

SHUT DOWN ✓ TULSA MINERALS CORP., P.O.Box 5216, Tulsa, Okla.
✓ Pres. J. S. Burden - Tulsa
✓ Supt. Kenneth Castle - Globe, Ariz.

✓ URANIUM - 600 - 900 tons 22 men

L.A.S.

3 S 15 E Re: KAP

✓ TULSA MINERALS CORP. 9-1957
FPK

- ✓ J. S. Burden, Pres.
- ✓ P. T. Thibodaux, V. P.
- ✓ W. C. Eastman, Sec-Treas.

1-22-59
FPK

- ✓ Everett L. Costle, Supt. Ariz. Dist.
Tulsa Minerals Corp. - visited office.
(BURDEN CONST. CO.)

GW 7-27-77 - Tom Clary, Pinal Ranch, is presently exploring this deposit and anticipates an open-pit mining operation.

LUCKY BOY MINE

GILA COUNTY

WR KP 11-4-77 - Met with Mike Greeley, Tom Clary and John Jett at Mr. Clary's home to review plans and progress to date of development of Clary's et. al. Lucky Boy uranium mine. The operation will recover U_3O_8 by acid heap leaching.
12-8-77 bh

WR KAP 5/18/78 - Met with Tom Clary at the Lucky Boy Mine in Gila County. The operation is experiencing typical startup problems particularly in producing a clean concentrate. The final precipitate (yellow cake) has been plagued with high iron content. Clary has developed a laboratory method of precipitating the iron and filtering the iron precipitate prior to precipitating yellow cake. They were in the process of modifying the plant to try the method at the time of the visit. 6/6/78 sef

KP WR 2/23/79 - Met with Tom Clary & Richard Mayberry, their Lucky Boy Mine is in full production. No uranium concentrate had been shipped, but much is stockpiled and ready. Land use, wilderness, and federal regulations problems were discussed. 4/18/79 a.p.

MG/WR 5/15/79 - Mr. John Mayberry of Pinal Properties reported the company has made first shipment of uranium yellowcake; no details were given. 6/20/79 a.p.

CJH WR 4/3/80: Phone Call from Fred Smith, Consultant, 10305 W. 34th Avenue, Wheat Ridge, CO 80033. Interested in Tom Clary's Lucky Boy, south of Globe.

KAP WR 11/21/80: A report was received that as of six weeks ago, the Lucky Boy Mine, Pinal Mountain District, Gila County, was not operating.

Pena Mining

No. 80-74
Contact: Frank Ingram
Tel. 301/492-7715

FOR IMMEDIATE RELEASE
(Mailed - April 11, 1980)

NRC REASSERTS AUTHORITY OVER URANIUM MILLING IN ARIZONA

The Nuclear Regulatory Commission is reasserting regulatory authority over uranium milling operations and uranium mill tailings in the state of Arizona.

Effective April 15, persons seeking licenses within the state involving uranium milling and the mill tailings produced by it should file their applications with the NRC.

The action by the NRC is being taken in response to a February 8 letter from Governor Bruce Babbitt. He stated that Arizona had reexamined its program and plans concerning uranium regulation and did not wish to retain authority, at this time, over uranium milling activities and the resultant waste products. In May 1967, the former Atomic Energy Commission entered into an agreement with Arizona that relinquished such authority to the state.

There is only one existing milling license in the state--issued to Pinal Minerals and Mining--and there are no applications in process.

A notice of the transfer of the regulatory authority was published in the Federal Register on April 11, 1980.

No. 80-75
Contact: Frank Ingram
Tel. 301/492-7715

FOR IMMEDIATE RELEASE
(Mailed - April 11, 1980)

NRC AUTHORIZES FUEL LOADING AND TESTING OF UNIT 2 OF NORTH ANNA POWER STATION IN VIRGINIA

The Nuclear Regulatory Commission has authorized the Virginia Electric and Power Company to load fuel into Unit 2 of the North Anna Power Station located in Louisa County, Virginia. The station is about 30 miles northwest of Richmond and 40 miles east of Charlottesville.

VEPCO is authorized now to load the fuel, proceed to initial criticality and to perform testing at zero power. Subsequent testing at five percent of full power requires further NRC approval.

In its Action Plan stemming from the Three Mile Island accident, the NRC staff has identified a number of near term operating license requirements. Those which are applicable to fuel loading and zero power testing must be carried out before the fuel is loaded.

Unit 2 uses a pressurized water reactor and at full power would have an electrical output of about 906 megawatts. Unit 1, of similar size and design, was licensed for fuel loading in November of 1977 and for full power operation in April of 1978.



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185007020027 1 CW
ARIZONA DEPT OF MINERAL RESRCS
JOHN H JETT
DIRECTOR
MINERAL BUILDING, FAIRGROUNDS
PHOENIX AZ 85007



STATE OF ARIZONA
DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA 85007

602/271-3791

12 P

MEMORANDUM:

To: Staff
From: John H. Jett, Director
Subject: John H. Jett Memo File - UOCO
Date: April 28, 1978

I had a telephone conversation with John Wright, UOCO, April 28, 1978

Mr. Wright visited with Pinal Minerals April 26 and 27. He was trying to negotiate a sales contract for their yellow cake or slurry. He stated the operation is running smooth. They will start Monday with a full crew and have hired a metallurgist. Yellow cake goes to Allied Chemical or Kerr-McGee to convert to Hexa-fluoride. If Pinal Minerals cannot clean up their slurry (yellow cake) for direct shipment then UOCO will market. If it is a slurry they will ship to Texas or Wyoming.

Mr. Wright discussed possibilities of Pinal Minerals heap leach on a total basis for some of UOCO's Wickenburg areas. Pinal Minerals is planning on doing this. They have purchased a portable Ion exchange plant from Mobil Oil (in Texas). Pinal Minerals have set up a new office. It is located on the East side of the big hill between Globe and Miami.

John Wright hopes to get several mines working in the Wickenburg area.

JHJ/ap