



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: CINDERRA MILL

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 571

LOCATION: TOWNSHIP 17 S RANGE 6 E SECTION 15 QUARTER SW
LATITUDE: N 31DEG 58MIN 06SEC LONGITUDE: W 111DEG 45MIN 43SEC
TOPO MAP NAME: SELLS - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
MILL TUNGSTEN

BIBLIOGRAPHY:
USBM REPORT FILE NO. 4678 TUNGSTEN, SUMMARY
REPORTS, ARIZONA
USBM SUMMARY REPORT NO. 97 BY STEWART
ADMMR CINDERRA MILL FILE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Cinderra Mill

Date Sept. 18 and Oct. 30, 1956

District Pima County

Engineer Axel L. Johnson

Subject: Present Status. Personal Visit and Information from M. F. McKnight, Manager.

Locations About 5 1/2 miles east of Sells, & about 1/8 mi. N. of highway # 86.

Owners Cinderra Mining and Engineering Co., 208 Main St., Dallas, Texas.

Operators Same as above.

Officers Kenneth Gordon, Pres., 208 Main St., Dallas, Texas.
M. F. McKnight, Manager, Box 36, Sells Star Route, Tucson, Ariz.

Ores Milled Tungsten ores.

Number of Men employed 6 --- 2 on each of 3 shifts.

Mill Capacity 24 tons in 24 hrs.

Mill Equipment Jaw crusher, Herman Ball mill, 2 tables, and magnetic separator. concentrates are upgraded to specifications and shipped directly to the GSA.

Present Operations Company is now milling about 16 tons per day from the Big Banana mine, and expects to mill about 100 tons per month from the Jezebel mine, and also the ore from the San Juan Mine when this mine gets into production. (estimated production of San Juan estimated as 10 tons per day max.) Mill is operating 3 shifts-5 days per week. To date, they have been in operation only part time on account of numerous breakdowns to equipment, generally to the jaw crusher and the Herman ball mill. Mr. McKnight estimates that they have averaged 80 to 85 tons per week.

Future Plans Company is in the process of making arrangements for new crushing equipment to take the place of the worn out jaw crusher and ball mill. This new primary and secondary crushing equipment, together with the 2 tables now in use, is expected to increase the mill capacity to about 200 tons per week.

Custom Milling The company is hauling the ore from the above mentioned properties, a distance of 8 miles, and milling same at a rate of \$10.00 per ton. The company will mill ore from other producers, within the 8 mile area at \$10.00 per tons; or will mill the ore from any tungsten producer, ore delivered by producer to the mill, at a price of \$ 9.00 per ton.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Cinderra Mill

Date May 29, 1956 & April 13, 1956

District Pima County

Engineer Axel L. Johnson

Subject: Field Engineer's Report -----Information from M. F. McKnight & J. L. Mercer.

Location About 5 1/2 miles east of Sells, and about 1/8 mile north of Highway # 86

Owners Cinderra Mining and Engineering Co., 208 Main St., Dallas, Texas.
(bought mill on direct sale from J. L. Mercer)

Operators Same as above.

Officers ✓ Kenneth Gordon, President, 208 Main St., Dallas, Texas.
✓ M. F. McKnight, Engineer in Charge, Box 36, Sells Star Route, Tucson, Ariz.

Ores Milled ✓ Tungsten ore in the form of scheelite.

Number of Men Employed 2

Mill Capacity 24 tons in 24 hours. Mill operated about 16 hours, milling from 16 to 17 tons per day of the Big Banana ore.

Mill Equipment Mill consists principally of a jaw crusher, a Herman Ball mill, and one table. The mill was built by J. L. Mercer, former owner, in May to July, 1955. It has not been operated to any great extent until quite recently.

Present Operations Milling from 16 to 17 tons a day of scheelite ore from the Big Banana mine. This ore averages slightly less than 1/2 %. Operators estimate that they are getting about 70 % recovery.

Future Plans (1) Operators plan on installing magnetic separators and other equipment for upgrading the tungsten concentrates to government specifications.

(2) Operators expect to mill ~~the same~~ tungsten ore from the Little Giant Mine (their own property) at the mill, as soon as they find out that the tungst GSA purchase program has been extended.