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06/12/91

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: A 1 GROUP

ALTERNATE NAMES:
MULLER MANGANESE

GRAHAM COUNTY MILS NUMBER: 209

LOCATION: TOWNSHIP 8 S RANGE 30 E SECTION 14 QUARTER E2
LATITUDE: N 32DEG 44MIN 10SEC LONGITUDE: W 109DEG 14MIN 31SEC
TOPO MAP NAME: DUNCAN - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
MANGANESE

BIBLIOGRAPHY:
ADMMR A 1 GROUP FILE
FARNHAM, STEWART & DELONG, MANGANESE DEPOSITS
OF EASTERN AZ., USBM IC 7990, 1961, P. 106

MULLER MANGANESE

10/84

GRAHAM COUNTY
Ash Peak District
T8S R30E Sec. 13, 14

GRAHAM MILS Index # 209

AKA: A - 1 Claim

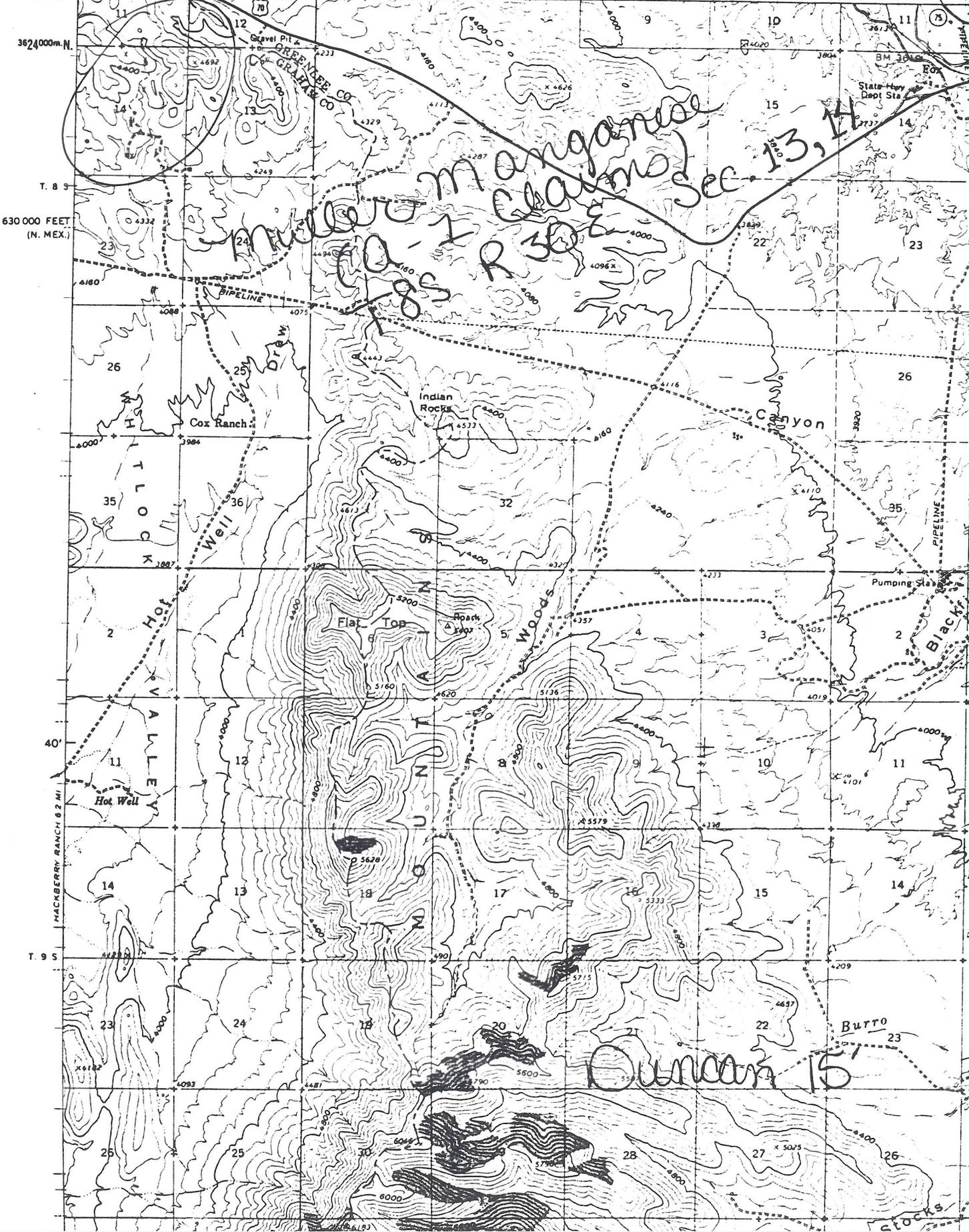
See: Map I-1310-B; Mineral Deposit Map of the Silver City 1⁰ x 2⁰ Quad., NM & AZ--page 5
Duncan 15' (included in file)--A-1 Claims

See: IC 7990 p. 106 Chris G. Muller, Lessee

(OUTLINE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

109° 15' 32' 45" R. 30 E SAFFORD 32 MI 27 MI TO U.S. 866 668000m E. 80000 FEET (N. MEX.) 10° R 31 E CLIFTON 26 MI 16 MI TO U.S. 866



Handwritten: manganese clay no. sec. 13, 14
Miller Co. T. 8 S. R. 30 E

Handwritten: Duncan 15

Handwritten: clocks

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Miller Manganese

Date March 3, 1954

District Ash Peak District, P Greenlee Co.

Engineer Axel L. Johnson

Subject: Report of Mining Operations

Location About 10 1/2 miles west of Duncan. Go west on Highway # 70 for 6 1/2 miles west of Duncan. Turn left (south) and go 4 miles south-west on mine road.

Number of Claims One unpatented claim.

Owners John Pospahala, Safford, Arizona, and Mr. Dankworth and Mr. Stolp of Safford, Ariz.

Lessees and Operators Chris Muller, Box 705, Willcox, Arizona.
Frank Tillotson, Box 656, Willcox, Arizona.
Lease made on Sept. 1, 1953. 5 year lease with 10 % royalty.

Principal Minerals Manganese Ores.

Number of Men Employed 2 men part time. 3 men part time. Started work in Dec. 1953.

Production Rate No production yet. Operators engaged in mill construction.

Geology Geology appears to be very similar to that of the Denton mine, which is described in the University of Arizona Bulletin "Manganese Ore Deposits in Arizona" by Eldred D. Wilson and G. M. Butler---pages 63 & 64. The 10 ft. vertical shaft on the property is sunk in a soft, decomposed material of gray basalt. This material contains narrow veinlets of manganese ore, varying in width from a fraction of an inch to 2 or 3 inches. The material would probably assay from 5 to 10 % in manganese content.

Ore Values Probably from 5 to 10 % of manganese content, with a maximum of 15 %.

Ore in Sight and Probable Very little ore in Sight. Very little probable ore. Only workings on the property is a 10 ft. vertical shaft, showing manganese ore as shown above. Certainly not enough of an ore showing to warrant the construction of a mill.

Milling and Marketing Facilities Operators are now engaged in the construction of a mill for milling the ore. Mill will consist of 17 ton ore bin, jaw crusher, and 4 cell jig. Ore will be crushed to 1/4 inches and then jigged. Operators expect to obtain a product assaying 42 % Mn. Middlings from the jig will be stockpiled for additional treatment later. Capacity of mill to be 35 tons of ore every 10 hours. Mill is expected to be completed in about 2 weeks, after which mining and milling operations will begin. Operators will haul the water for the milling from Duncan about 10 miles away, by use of 500 gal. tank mounted on a truck, making 7 trips per day, or a total of 3500 gal. per day.

Present Mine Workings 1 vertical shaft---10 ft. deep.

Past History None.

Present Operations Construction of a mill.

Proposed Plans Finish the mill in about 2 weeks. Mine and mill manganese ore, and truck the concentrated to the manganese government depot at Deming, N. Mex.