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08/04/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: RAINBOW CLAIMS

ALTERNATE NAMES:

CLARK CLAIMS
CLARK PROSPECT
RAINBOW GROUP

PINAL COUNTY MILS NUMBER: 120

LOCATION: TOWNSHIP 1 S RANGE 13 E SECTION 12 QUARTER SE
LATITUDE: N 33DEG 21MIN 24SEC LONGITUDE: W 110DEG 59MIN 22SEC
TOPO MAP NAME: PINAL RANCH - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

TUNGSTEN
COPPER SULFIDE
MOLYBDENUM
FLUORINE FLUORSPAR
COPPER
LEAD
SILVER
GOLD

BIBLIOGRAPHY:

DALE, V.D., USBM RI 5516, 1959, P. 45-47, 68
ADMMR RAINBOW CLAIMS FILE
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HICKS, CLIFFORD J., MO OCCURENCES IN AZ, 1979
P. 22
PETERSON, N.P., GEOLOGY OF THE PINAL RANCH
QUAD, USGS BULL. 1141-H, 1963, P. H-16
ADMMR RALPH HOLTON ESTATE FILE
ADMMR MAPS-ADOT HIGHWAY MAP-PINAL CO. 1949

RAINBOW CLAIMS

REFERENCES

PINAL COUNTY

USBM RI 5516, p. 45-47, 68

USBM "U" File

Mo occurrences in Arizona, 1979, p. 22

USGS Bul. 1141-H, p. H-16

MILS Sheet sequence number 0040210999

Falcon Mine file

See also Sam Sharp Mining Group

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine RAINBOW CLAIMS (Clark Claims)

Date 6/16/65

District Pinal Ranch Area Pinal Co.

Engineer Lewis A. Smith

Subject: Interview with E. O. Ryden, Rt. 1, Box 532, Miami (at Superior 6/16/65)

LOCATION: S12, T1S, R13E (100 yards N of Clark Ranch House).

PROPERTY: 12 unpatented claims.

OWNER: Yulee S. Clark

MINERALS: Molybdenite, Chalcopyrite, Wolframite, Scheelite.

DESCRIPTION: U. S. Bur. Mines, RI 5516, (1959 pp46-47). also pp 45, 68

Superior Meeting; E. O. Ryden stated that the Forest Service had contested some of the claims because they did not have commercial ore on them. He said that big companies had many claims in the area, part of which were covered by dacite flows, generally post-mineral, therefore, until drilled could not have discovery, whereas Clark did have discovery even though not now commercial. According to RI 5516, three samples were taken that showed 0.06 to 0.25 percent WO_3 and 0.08 to 0.16 percent copper, 2 of which were from the mine dumps and represented about 110 tons of "ore" and the other being from 3-4 tons of "ore" reputedly from the south drift on the 100 ft level. This would not now constitute ore. A small production (float) was made in World War I by Faulkner and Messer and this was shipped. No recorded production has since been made, even during the tungsten program. Ryden had conferred with Lois Pare and her advice to him adequately covered the situation, so I could make no further comments other than to have a consultant, sample the ore in place and submit a report on his findings as to any potential (the Bureau had already sampled the ore piles and dumps). Since the quartz veins only range from a few inches to 2 feet wide at the surface, they would have to show much better assay results than the Bureau samples 12864 and 12866 seem to indicate. The quartz monzonite also carries ore minerals. Wolframite and scheelite are present in about a 1:1 ratio. Chalcopyrite, bornite and molybdenite are minor according to the Bureau. In 1958 the 100 foot shaft held 25 to 35 feet of water that would submerge the 100-foot level drift. Clark reported that the "ore" zone on the 100-foot level is 6 feet wide and 3-4 tons of "ore" reputedly from this zone assayed 0.25 percent WO_3 and 0.08 percent copper (U. S. Bur Mines Sample No. 12865). The shaft lies close to the intersection of two quartz filled fissures that strike N 45 degrees E and N 70 degrees E, respectively, and dip steeply NW.

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