



## **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](mailto:inquiries@azgs.az.gov)

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: WHITE COW

ALTERNATE NAMES:  
QUARTZ LEDGE

GILA COUNTY MILS NUMBER: 256

LOCATION: TOWNSHIP 7 N RANGE 11 E SECTION 20 QUARTER NE  
LATITUDE: N 33DEG 56MIN 31SEC LONGITUDE: W 111DEG 14MIN 34SEC  
TOPO MAP NAME: PICTURE MOUNTAIN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
FLUORINE FLUORSPAR

BIBLIOGRAPHY:  
USGS PICTURE MOUNTAIN QUAD  
ADMMR WHITE COW MINE FILE  
ADMMR GRANT GO254012 MINERALS AVAILABILITY  
SYSTEM AZ FLOURSPAR 1976  
ADMMR GEOLOGY FILE TONTO BASIN FLUORSPAR  
DIST P 4

WHITE COW MINE

REFERENCES

GILA COUNTY

Tonto Mining and Milling (file) see evaluation of the area by John O Rud  
ADMR Grant Go254012 Mineral Availability System Arizona Flourspar 1976  
MILS Sheet sequence number 0040070687

He said they were opening an old Au mine 6 miles north of Cave Creek and that their White Cow Fluorspar mine had never come into production but that they had completed the 280 foot inclined shaft at the Red Bird. GW WR 5-2-73

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Vic and Bill examined both the White Cow and the Red Rock mines of the Tonto Mining and Milling Company. I got the production records of the fluorspar operation; 18,223.08 tons were milled from 10/12/71 to 6/15/73 which produced some 13,000 tons of +95% cons. GW WR 5/30/75

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RRB WR 10/1/82: John Roberts, Box 513, Miami, Arizona 473-2267, reports that he has filed claims on the White Cow Group, Red Rock Group, and the Blue Bird Group, (Tonto Mining & Milling) because the current "owner", Cimmeron Corporation failed to do any assessment work prior to noon, September 1, 1982. He filed his claims at 12:01 p.m. September 1, 1982 and is now monumenting them.

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WR RRB 10/3/82: John Roberts reports that the "previous" owners of the White Cow Group, Red Rock Group and Blue Bird Group in Gila County have threatened to blow in his tunnel or blow him away. Also that they are trying to get an injunction to remove him from the property. He says that they have reported sampling and assaying costs as assessment work.

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RRB WR 1/18/85: Visited the White Cow (file) Fluorspar Mine, Gila County. There is no evidence of recent activity. The decline is filled to the portal with water. Collected some fluorspar for teachers kits.

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CJH WR 2/8/85: Visitor: R. L. De la Zerde, 4550 E. Lutz Rd., Sahuarita, Arizona 85629; 648-0140. Is contemplating taking an interest in the White Cow Group (f) of fluorspar claims, Roosevelt district, Gila County with John Roberts.

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## WHITE COW MINE

Went down to the Tonto Mining Company fluor spar mill at Punkin Center where Jack Hamilton is installing another ball mill which he thinks will about double the capacity. The present mill has 9 flotation cells and recovers 55-60 tons of acid grade material from 75-80 tons of crude ore. There are 8 men working at the Blue Bird mine, from which all the production is coming. Soon they expect to begin development at the White Cow mine. There are 6-8 men working in the mill. Mr. Howe was in Phoenix, Jim Kennedy who was mill supt., has quit to work an oil project in New Mexico. GW WR 4/27/72

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Glen Walker - Weekly report for week ending June 16, 1972

Thursday, June 15 - Went to the fluor spar operation of Tonto Basin Mining & Milling Company at Punkin Center. The second ball mill was placed in operation June 12. It has increased the capacity to 125 tpd. Their Blue Bird mine about 5½ miles E. of mill is developed on two levels approximately 100' apart by adit drifts. In the lower adit there are 9 chutes, the first about 300' from the portal. They are approximately 30' apart. Beyond the last chute it is about 105' to the face, which is barricaded off. Although the stopes were not visited, the foreman, Mr. William McKenzie said they are about 300' long and broken thru to the surface for a length of about 25'. The trend of this adit varies from N65°W to N85°W. The vein dips steeply north and is 3-6 feet wide in red medium grained granite.

The upper adit trends S75°-80°W for about 150' then turns to about N80W. Here there are 2 raise & chutes about 100' apart; the first being 130' from the portal. Present work is stoping between the two levels as most of the minable ore above the upper level has been removed.

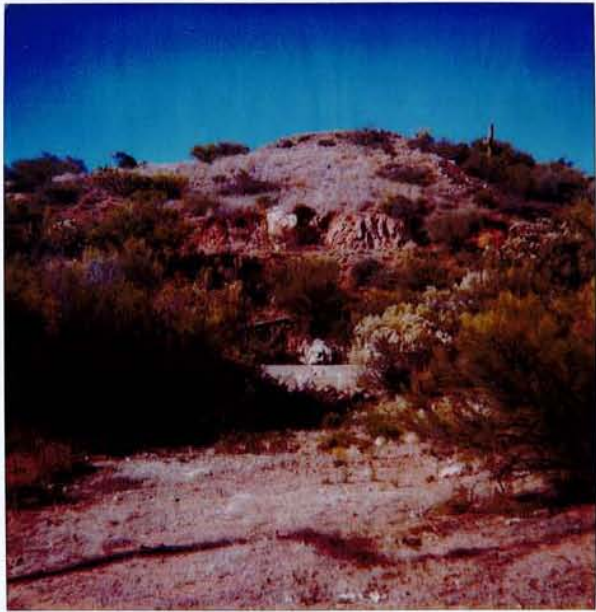
The equipment consists of a 250 cfm Le Roi portable compressor. Two 14 cu. ft. 18" gauge end dump cars, a 12B Eimco mucker, with an undetermined number of jack-legs and stopers, tungsten insert, solid 7/8" shank steel is used throughout. A Bobcat mucker and a 5 HP air slusher were outside the lower portal. At the upper adit is a 250 cfm G-D portable compressor.

The company is trying to get 22° inclined shaft sunk in a steep, narrow canyon 300 to 400 feet NW of the lower adit. It is 212 feet deep and they are wanting to contract the balance of it. No drill holes were put down therefore, the remaining depth is unknown.

As stated above, the mineralization occurs along a fault in red granite which can be traced at least 1500 feet. From 400-1000 feet east of the lower portal, the fault is in a wash from which about 1000 tons of spar has been mined.

The White Cow mine is 7½ miles NE of the mill and consists of two open cuts on roughly parallel veins in red granite. The southern vein is 5-10 feet wide, trends N45W and dips steeply to the SW. The excavation on it is perhaps 1000 feet long by 30 feet wide and 10-30 feet deep. The north vein is 3-4 feet wide, the surface of which has been uncovered for at least 1000 feet, to a depth of 2-4 feet. Between the veins, which are about 70 feet apart on the SE, is 20-40 feet thick diabase dike. Presently an adit is being faced-off on the narrow vein on the SE side of the hill.

Equipment here is a D-9 Cat dozer with a hydraulic ripper, a Bobcat mucker, a John Deere front-end loader and a 100 cfm portable Atlas compressor. A building for changeroom and warehouse is being put up on the hill above the diggings. Considerable production is anticipated from here in the near future.

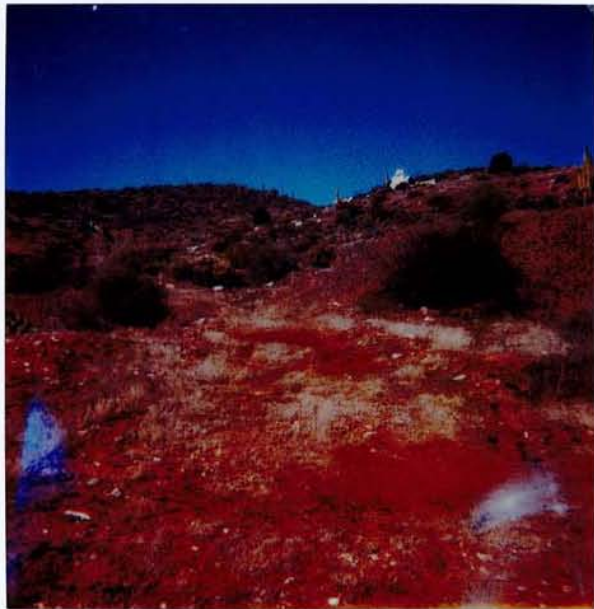


White Cow  
Open Cut

1/17/85



White Cow 1/17/85  
Water filled Decline Portal



White Cow 1/17/85  
The namesake?