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12/13/96

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: APEX MINE

ALTERNATE NAMES:
LAVELL

GILA COUNTY MILS NUMBER: 9

LOCATION: TOWNSHIP 4 S RANGE 15 E SECTION 15 QUARTER S2
LATITUDE: N 33DEG 04MIN 37SEC LONGITUDE: W 110DEG 48MIN 03SEC
TOPO MAP NAME: HAYDEN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
GOLD
SILVER
LEAD

BIBLIOGRAPHY:

USGS HAYDEN QUAD
ADMMR APEX MINE FILE
ROSS C P ORE DEPTS OF SADDLE MT & BANNER MGN.
DIST. USGS 771 1925 P 63-64
ELSING M J & R HEINEMAN AZ METAL PROD. AZBM
BULL 140 1936 P 92
AZ. MGN. JR. MAR. 1918 P20, JUNE 1919 P83
CLAIMS EXTEND INTO SEC 22 AND 23

APEX MINE

REFERENCES

GILA COUNTY
BANNER DIST
T4S R15E Sec. 15

Gila County MILS Index #9

AKA: Lavell

AZ Mining Journal March 1918, p. 20

AZ Mining Journal April 1918, p. 13, June 1919, p. 83

USGS Bull. 771, p. 63

ABM Bull. 140, p. 92

Mines Handbook 1918, p. 389

USBM card (gold)

Hayden 7.5' Topo (included in file)

aerial tram, connecting the mines with the Arizona Eastern Railroad, and production began early in 1916.

Production for 6 months ending June 30, 1917, 357,736 lbs. copper, netting \$245,231. Employs 175 men.

*LAVELL GOLD MINING CO.

ARIZONA

Office: Woodbury & Co., fiscal agents, 44 Pine St., New York.

Officers: G. B. Leighton, pres.; C. P. Woodbury, v. p.; St. John Smith, sec.-treas., 66 Broadway, N. Y.; E. C. Jacobs, supt., Winkelman, Ariz.

Cap., \$2,000,000; shares \$1 par; 400,000 offered at par, Oct., 1917.

Property: the Apex group, 19 claims, 386 acres, elevation 4,300', in the Banner district, 6 miles N. of Hayden Junction and 21 miles S. of Globe, Gila Co., Ariz. South of the property is the London & Arizona, S. W. is the Gila Canyon Copper and N. E. is the Copper Belt group of mines, all adjoining.

Examined in 1917 by J. M. Boutwell, C. H. James, E. H. Dawson and E. C. Brown.

Geology: the claims show diabase overlain by pre-Cambrian quartzite, capped by limestone. The diabase in places intrudes the upper formations. The sedimentary series has been distorted, faulted and intruded by a series of quartz porphyry and rhyolite porphyry dikes. Ore is gold and copper bearing and occurs as flat lenses or beds, replacing limestone and shale mainly along a bedding plane, but also as veins along contacts of quartz porphyry dikes and in places along fissures in limestone near dikes. The usual ore is gold-bearing, next in importance being copper-lead-silver ore.

Development: by 12 tunnels, from 40 to 320' long, and 6 shafts from 10 to 25' deep, on the Apex claims. No. 3 is in 320', and is said to have opened ore 250' long and 60' at the widest point. Forty samples ranged from 0.25 to 0 oz. gold, 2 to 10 oz. silver, and 7 to 35% lead. Above No. 3 tunnel is a 100' raise and below it a 200' winze. Shipments to El Paso totaled 365 tons, valued at \$10,004.

Property seems to have merit and the promotion to be conservatively handled.

LONDON ARIZONA CONSOLIDATED COPPER CO. ARIZONA

Office: 723 Title Insurance Bldg., Los Angeles, Calif. Mine office: Chilito, Gila Co., Ariz.

Officers: Chas. E. Finney, pres.; Herbert L. McNair, v. p.; Edw. W. Brooks, v. p.; Robert J. Simpson, sec.-treas., with F. B. Pugh, B. P. Cheney, D. Karl Kurtz, John E. Coffin and E. L. Finney, directors. Edward W. Brooks, cons. engr. and geologist. Harry Scott, supt.

Inc. Sept. 18, 1913, in Maine, as a merger of the London Arizona, London Range, London Shamrock and Ball Copper companies. Cap., \$12,000,000; shares \$5 par, fully paid and non-assessable; 920,500 shares outstanding. Bonds: \$303,000 6% outstanding. Commercial Trust & Savings Bank, Los Angeles, trustee. Citizens' Trust & Savings Bank, Los Angeles, registrar. Annual meeting, first Tuesday in Oct. Company started out with a treasury fund of \$500,000.

Property: 132 claims, 2,300 acres, in the Banner mining district (Ray quadrangle), 5 miles N. of Hayden. Claims form a compact group covering an extensive, well-mineralized area.

Geology: the tract shows a series of 1,500' of well-bedded limestone, quartzite and shales resting on a laccolithic mass of diabase; these rocks are broken, faulted and later intruded by dikes and sheets of diorite porphyry, presumably the offshoots of an underlying batholithic mass of granite material. The ore occurs in contact metamorphic deposits and replacements, especially in the limestone. Much of the ore consists of garnet (andradite, the lime and iron species) intergrown with specular hematite copper sulphides

1918
Prine & Anderson

The Late Discovery Near Winkelman

The recent gold strike seven miles north of Winkelman is finally attracting considerable attention in mining circles. There has been closed six different leases on the Apex group and adjoining claims belonging to the London Arizona company. The parties on the north claim are F. A. Myers and Tanner, Sullivan, Whitaker and Sanford, Muerry and A. R. Myers, Johnson and Shepard.

On the Apex group: Geo. M. Adams, who now has his first car of gold ore at the Hayden smelter and Fisher Berry and Faulkner who begin work July 1. 7-1915

Several other parties have indicated to Stewart and Lowell, owners of the Apex property, that they would take leases. The owners of this property now have another car of ore ready to ship to the smelter. This will make the fifth car shipped by these owners since March last.

Outside of the second gold hole which lessee G. M. Adams is working, they are opening up a third hole on another outcrops under the same hill which is now producing pay ore. The incline at this point is now down to a depth of 85 feet and dips at an angle of 35 degrees. The owners are now encountering a sand carbonate ore which they are assorting with the intention of shipping to some lead smelter. This ore runs 40 per cent lead, \$13.50 gold and seven ounces silver. It will be seen by the above that development work is certainly proving very satisfactory.



Spring

Tam O'Shanter Peak

Canyon

Apex mine
THIS RISE SEE 15

Water Tank
Mine

TRAIL

Chirito Mine

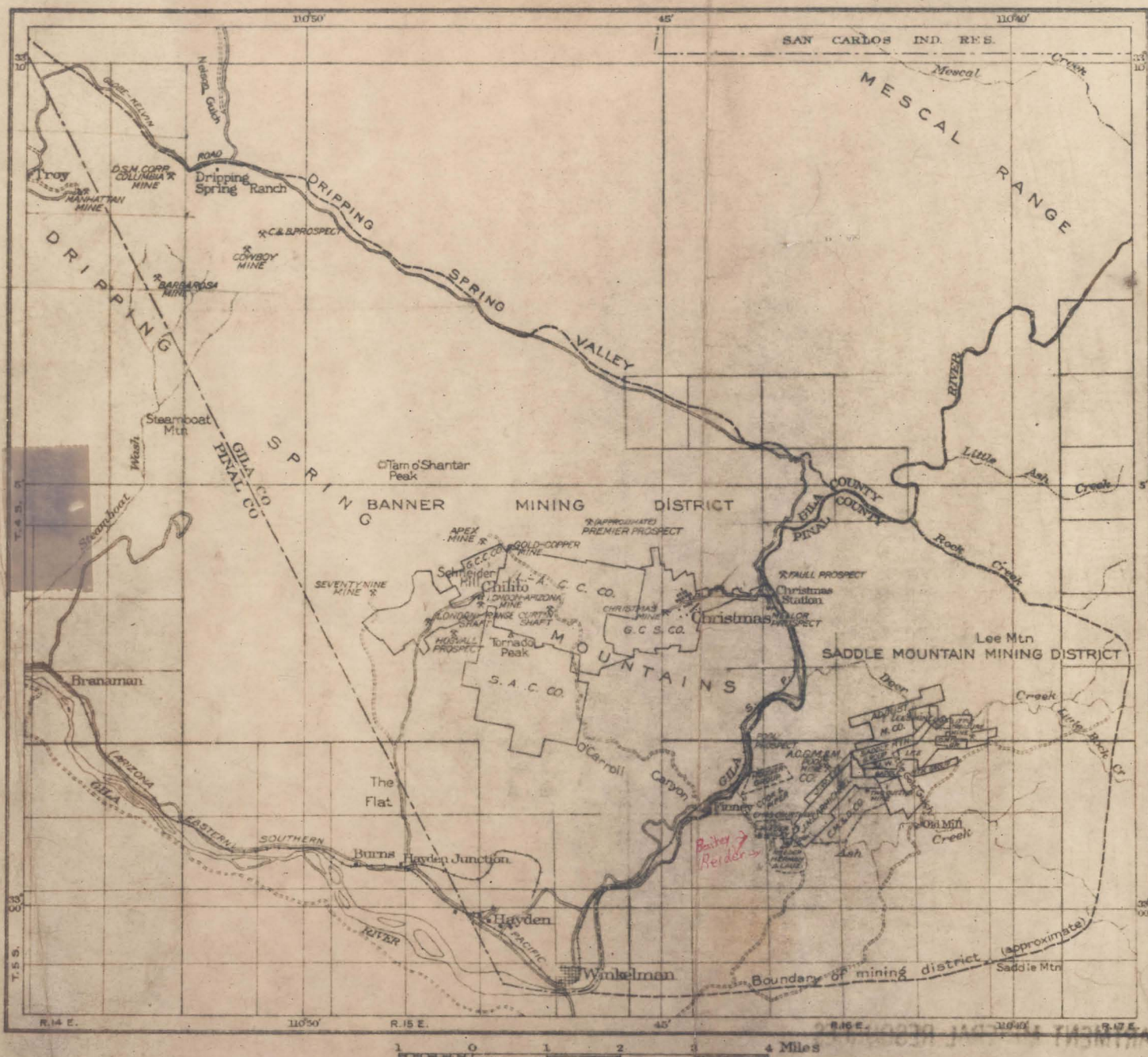
Velasco Pit

Well

Tornado Peak

Hayden, Az 15

Overland Mine



PROPERTY MAP OF THE SADDLE MOUNTAIN AND BANNER MINING DISTRICTS

