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District	Property	Location	Owners & Operators	Date Visited	Notes
Salome & Wenden, Arizona, (Cont'd)	Critic Mine	Cunningham Pass 11 m. North Wenden.	Layton of Boston, owner. George E. Easton, Manager for Stent, Les- see, of San Fran- cisco. Sub-lease to Joe Nohlehek and B. L. Walcott, who are operating with Mrs. Rhoda G. Hatch. Small producer.	1917 Jan.30th.	Small fissure vein cutting across schist. Shaft 400' deep. Ore now being taken out comes from 300' level, where there is a winze 50' and a raise 50'. Vein 6" to 4' wide but probably does not average over 1'. In the raise now going up it is 4" wide. Quartz, specularite, chalcopyrite, bornite, glance, and some copper carbonates. Shipments to Copper Queen smelter have been running 17 to 19% Cu with \$15.00 to \$19.00 Au. Informed the Copper Queen Company has notified lessees that they now require more silicious ores. Sub-lessees pay Easton 25% Royalty, \$2.50 a day for air for one machine, and \$2.50 a day for hoisting. Hired labor paid \$5.00 a day. Sub-lessees expect to ship one car a month.

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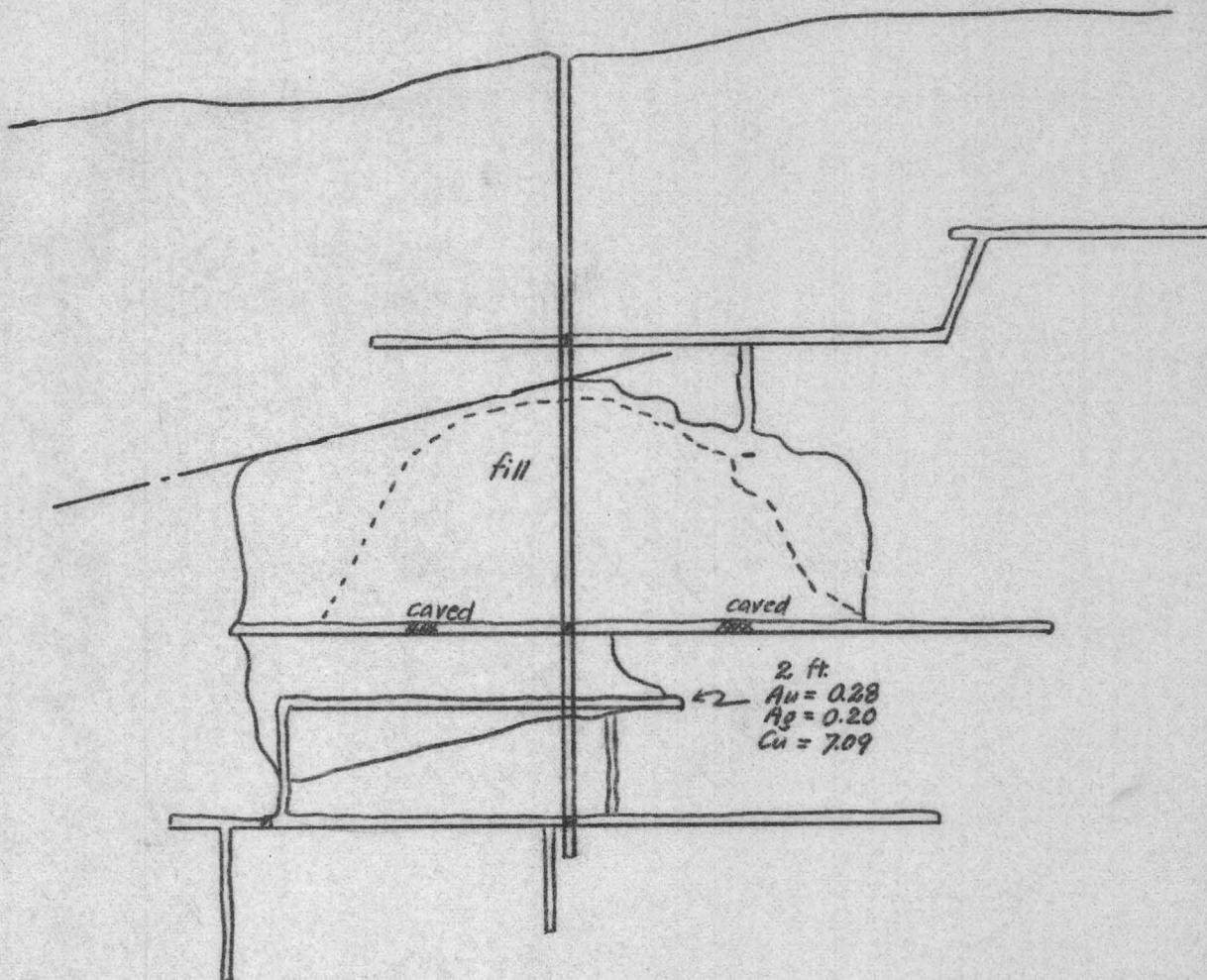
NAME: Critic Mine
DISTRICT: Harcuvar, Arizona
LOCATION: Eleven miles North of Wenden, Arizona, in the
Cunningham Pass.
OWNERS: Mrs. Rhoda, G. Hatch and Joe Nohelcheck,
Wenden, Arizona.
DATE VISITED: April 27, 1923. H. S. McKnight.

NOTES: The property consists of two full sized claims having a common side line, one patented and the other held by location.

The Geology consists of an acid schist made up of metamorphosed igneous rocks. The veins are mineralized fissures striking approximately East and West and having a dip of 90 degrees. There are two parallel veins approximately 25 ft. apart but the North vein is not well mineralized and no commercial ore has been developed on this vein.

The ores consist of chalcopyrite, chalcocite, Cuprite, carbonates of copper and hematite. The vein filling is made up of metamorphosed schist containing quartz and calcite, and varies in thickness from a few inches to several feet. The average width of the vein is about two feet. The ore contains considerable gold and some silver, the precious metal content varying directly with the copper content.

Development Considerable drifting and shallow sinking was done toward the East end of the property by the original owners, but the principal workings consist of a 400 ft. vertical ²₁ compartment shaft with levels at 150 ft., 300 ft., and 400 ft. as shown in the following sketch:



The shaft was sunk North of the veins and cross cuts driven on each level to cut the veins. The North vein is of no importance and very little development has been done on it. The South vein is approximately 100 ft. from the shaft. On the 150 ft. level no ore was found. At the breast of the drift East a raise connects these workings with the old workings above.

On the 300 ft. level considerable ore was encountered and a narrow stope about 300 ft. long was carried up to a flat fault which cut off the ore as shown. Neither the East nor West faces of this stope could be examined at time of visit because of open and caved ground. The 300 ft. level was blocked by caves at points shown in sketch. Sorted ore shipped from this stope ran as high as 19% Cu and from \$15.00 to \$19.00 gold.

On the 400 ft. level considerable drifting was done East and West of the shaft but no commercial ore was found. 175 ft. West of the shaft on the South or main vein an eighty ft. winze was sunk in soft vein

material which is said to average less than 1% Cu. A fifty ft. winze sunk on the North vein is said to have passed through material carrying 3% Copper. These winzes could not be examined because of the water which stood in this level as high as three ft. above the track. The backs of the drifts however showed no ore.

The ground between the 400 and the 300 ft. levels has been stoped as shown, the ore having extended at one point to within 30 ft. of the lower level.

A sample cut 2ft. across the vein in the East face of a sub-drift 40 ft. below the 300 ft. level ran: Au= 0.28, Ag= 0.20, Cu= 7.09%. No estimate could be made as to the continuance of this ore because the level above is blocked by a cave and the ore does not appear on the level below.

There is approximately 4,000 tons of filling in the stopes which is said to average between 3 and 4 per cent copper and \$3.00 in gold.

Machinery on the property consists of a 40 H.P. Fairbanks Morse gas engine, a 12 x 7½ x 14 in. Sullivan compressor, and a 12 H.P. gasoline hoist which is worn out.

Conclusions

A considerable tonnage of good grade shipping ore has been mined on the property and there is reason to believe that more commercial ore might be developed, especially toward the West, but at the present time there is no ore developed and in only one place could commercial ore of importance be seen.

The shaft is in very good condition and apparently the mine makes no water at all inasmuch as the present level of the water in the 400 ft. level is about the same as it was some months past. This water is probably surface water.

H. S. Wright

CRITIC MINE

DISTRICT: Wenden, Arizona.

LOCATION: Cunningham Pass, 11 Miles North of Wenden.

Owners: Layton of Boston Owner. Geo. E. Easton, Mgr. for Stent, lessee, of San Francisco, Sub-lease to Nohlecek and B. L. Walcott, who are operating with Mrs. Rhoda G. Hatch. Small Producer.

Visited Jan. 30th, 1917, by L. F. S. Holland.

Small fissure vein cutting across schist. Shaft 400' deep. Ore now being taken out comes from 300' level, where^{there} is a 50' winze and a raise 50'. Vein 6" to 4' wide but probably does not average over 1'. In the raise now going up it is 4" wide. Quartz, specularite, chalcopyrite, bornite, glance and some copper carbonates. Shipments to Copper Queen smelter have been running 17 to 19% copper with \$15 to \$19 Au. Informed the Copper Queen Co. has notified lessees that they now require more silicious ores. Sub-lessees pay Easton 25% royalty, \$2.50 a day for air for one machine, and \$2.50 a day for hoisting. Hired labor paid \$5 a day. Sub-lessees expect to ship one car a month.

June 7, 1918. No change in mine since Holland's prior visit. Nohelcek and Hatch now hold first lease and are shipping about 200 tons a month to Humboldt and Douglas.

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	Desert Mine	Cunningham Pass 8 miles North Wenden.	Desert Copper Min. Co. R. W. Hollis, of Ray, Consulting Engineer. Tom Nagle, Superintendent. Jerome people interested in Co. Developing.	Feb. 1st. 1917	June 7, 1918, with L. F. S. Holland. No change in mine since Holland's prior visit. Hohelchek and Hatch now hold first lease and are shipping about 200 tons a month to Humboldt and Douglas. Shaft 325' in schist. For a length of 30' along drift at bottom is exposed body of specularite with chalcopryrite. Appearance of selected ore similar to Swansea but without lime boulders. Drifting towards a large iron "blowout" exposed on surface, which may make a large ore-body in depth. A possible producer of basic ore similar to Swansea.
				June 7, 1918	With L. F. Holland. Nagle still on ground but property idle. Practically no work has been done since Holland's previous visit. Drift to prospect under the "large iron blowout" was never completed. In one or two smaller bodies of specularite encountered, however, the ore (chalcopryrite) does not occur (judging from the dump) splashed thru the entire specularite body as at Swansea but only close to the contact of

CRITIC MINE.

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LOCATION: Eleven miles north of Wenden, Arizona, in the Cunningham pass.

OWNERS: Mrs. Rhoda G. Hatch and Joe Nohelcheck, Wenden, Arizona.

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NOTES: The property consists of two full sized claims having a common side line, one patented and the other held by location.

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