

NAME: Buck Gulch Group Quartzburg District Grant County

OWNERS: Arthur E. O'Brien, Prairie City.

LOCATION: In the NW quarter of Sec. 11, T 12 S, R 33 E.

AREA: 2 unpatented lode claims and fraction on the North-south vein and 4 on the east-west cross vein.

HISTORY: Small \$50.00 pocket of leaf gold was taken out last fall. Considerable pocket hunting in small shallow pits was done many years ago on the east-west vein.

EQUIPMENT: Small cabins, cars and track.

GEOLOGY: The north-south vein which has been developed for about 500 ft. by a single drift, varies from 3 to 8 inches in width and shows relatively little mineralization. The vein is nearly vertical. It is said that it milled an average of \$15.00 a ton, that about \$350.00 has been taken out, and that it was very pockety. The ore shows large amounts of hematite in veinlets and cavity filled with limonite along fractures. There is some copper stain (chrysocolla?). There are many open cavities. The country rock is altered andesite, perhaps some argillite and with frequent brecciated patches. Just south of the entrance of the main tunnel there is an old shaft which is said to have been 70 ft. in depth and across the gulch 30 ft. further south a drift now caved has apparently been driven on the southward extension of the vein. 600 ft. north from the tunnel entrance, or about 50 to 100 ft. beyond the drift end, out crops on east-west vein show on the surface for at least 200 ft. It is said that numerous gold pockets have been taken out of this vertical east-west which is composed of bluish quartz.

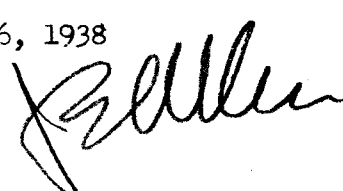
RECOMMENDATIONS: It was suggested that if further work on this property were to be done, the extension of the drift for a distance of 50 to 75 ft. might pick up the intersection of the 2 veins with a possible ore chute of economic size.

OMIT

MISCELLANEOUS: Timber abundant. No water. Road  $\frac{1}{2}$  mile from the Dixie Creek road.

INFORMANT: A.E. O'Brien. *via J. K. H.*

DATED: October 16, 1938



Buck Gulch Group			Gold	
NAME	OLD NAMES		PRINCIPAL ORE	MINOR MINERALS

T12S R35E NW1/4 Sec. 11  
T R S

PUBLISHED REFERENCES  
Oregon Metal Mines Handbook 14B:111

Grant COUNTY  
 Quartzburg AREA  
 ELEVATION  
 1/2 mi. Dixie Creek road ROAD OR HIGHWAY  
 DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) Arthur E. O'Brien  
 .....

Address Prairie City, Ore.  
 .....

OPERATOR .....

Name of claims	Area	Pat.	Unpat.
2 claims			1

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY  
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