

NAME	OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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T9S R33E E¹/₂ Sec.36
 T R S

PUBLISHED REFERENCES

14B:80 Oregon Metal Mines Handbook

..... Grant..... COUNTY
 Greenhorn..... AREA
 ELEVATION
 ROAD OR HIGHWAY
 DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) ... W.M. Rakestraw.....
 ... John Bradburn.....
 ... F.T. Hughes.....

Address ... Pendleton, Ore.....
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 " ".....

OPERATOR

Name of claims	Area	Pat.	Unpat.
6 claims			x

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

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Owners: W. M. Rakestraw, John Bradburn, and F. T. Hughes, of Pendleton; Pat and Hattie Glenn of Granite.

Location: E $\frac{1}{2}$ sec.36, T.9 S., R.33 E., in the NW $\frac{1}{4}$ sec.31, T.9 S., R.34 E.

Area: 6 unpatented lode claims.

History: No production except from about 1400 tons of float which netted \$647 in 1893, according to old-timers.

Development: 2 short tunnels, totaling not over 250 feet, 1 ditch and a large amount of ground sluicing totaling perhaps a thousand feet which cut through the deep soil cover to bedrock while prospecting for the vein. North-south vein 200 feet west of the old tunnels has been developed by 4 shafts, from 10 to 30 feet in depth, along a distance of 500 feet.

Geology: Bedrock is argillite cut at the old tunnel by a vein 3 to 5 feet wide, composed of sheared argillite recemented with quartz and calcite. This vein strikes N.80° E. and dips 85° S. Sulphides occur occasionally; an assay sample of the pure pyrite gave a trace of gold and no silver. 200 feet west of the old tunnel the vein appears in the sluice cut and an assay gave \$2.80 in gold. Shaft no.1 (the northernmost) shows quartz at least 1 foot in width standing vertical and trending north and south. Shaft no.2 shows a vein striking N.10° E., dipping 85° W., in which the vein pinches out 30 feet from the surface. Shaft no.3 shows ore consisting of glassy second generation quartz which has formed around fragments and crystals of an earlier first generation quartz. Assay from this vein at this point gave \$47.25 in gold and \$35.40 in silver mostly contained in black tetrahedrite. In the NE corner of shaft no.4 at 35 feet, there is a small exposure of quartz containing tetrahedrite.

Informant: W. K. Rakestraw; J.E.A. (9/30/38).