

CHRISTINE-DOBBINS PLACER

Upper Applegate area

Owner: Jack Horner; leased by F. W. Christine and W. C. Dobbins, Jacksonville, Oregon.

Location: sec. 10 (?), T. 38 S., R. 3 W., on west side of Forest Creek, near Sturgis Mine.

Development: About 1000 lineal feet of bedrock tunnels.

Geology: The setting is similar to that of the Sturgis Placer. Bedrock varies in depth from 28 to 34 feet. The ground is said to carry values up to \$3.00 per cubic yard.

Equipment: A home-made plant consists of a bucket line with 80 feet of chain with 2-foot spacing between the 240-cubic inch buckets. The buckets empty at the rate of about 7 per minute into a 24-inch trommel, consisting of 5 feet of scrubber with 6 rails and 30 inches of screen with 1-inch holes. The trommel is driven at a speed of about 25 r.p.m. by a Montgomery Ward 7-hp. air-cooled engine. A Sterling 12-inch pump supplies water at the rate of 20 g.p.m.

Report by: J.E.M., 1938.