Hughes Group Limestone Gold Hill Dist.
J. W. Lively Gold Hill Dist.
See 2 7 375 P 3 W. about 3 1/2 miles south of Gold Hill in Kane Co. on east side and near head of Kane Co. about 1 1/2 mile above junction of highways.

Mr. Lively is also interested in coal and has a lot of information on it. Gus Mickelson was draftsman for Mr. Lively.

Mr. Lively operated the Limestone of the Oregon Pulp & Paper Co. for them. South 1/2 N 84 R 2 7375 P 3 W.
HUGHES GROUP (limestone)  
see Lively Limestone  
Gold Hill area


Location: sec. 2, T. 37 S., R. 3 W., on Kane Creek.

"This property, formerly owned by the Lively Lime Company, of Gold Hill, is now owned by Mr. Hughes, of the Oregon Portland Cement Company. It is situated in sec. 11, T. 37 S., R. 3 W., on the east side of the south or principal fork of Kane Creek, 5 miles southeast of Gold Hill. The limestone is quite pure, especially on the southeast side of the quarry, but grades into a less pure variety on the northwest side. The quarry floor is connected to bunkers 350 feet away by well-graded track passing through a 200-foot tunnel. Overburden is less than 3 feet thick and forest cover is light.

"It is said that much of the limestone was shipped to Salem and Lebanon where it was used for paper manufacture at a price of $1.50 per ton, f. o. b. Gold Hill, Oregon. Reserves appear to be large. Equipment includes track, two large bunkers adjacent to the county road, a 15 h. p. 220-volt electric motor, and a 6 by 6 inch compressor for drilling. Detachable drill bits were used in the quarry.

"A quarter of a mile down the road the company has installed a vertical, wood-fired kiln having a capacity of 12 to 15 tons per 24 hours. The operators also supplied agricultural limestone. The whole plant has been shut down for several months.

"Analysis of a large chip sample (U.S.E.D. No. 89) gave:

\[
\begin{array}{ccc}
\text{SiO}_2 & 6.27 & \text{CaO} \\
\text{Al}_2\text{O}_3 & 0.59 & \text{MgO} \\
\text{Fe}_2\text{O}_3 & 0.36 & \text{Ignition loss} \\
\text{FeO} & 0.12 & \text{Total} \\
& & \text{CaCO}_3 - 92.67% \\
\end{array}
\]

Reference: Hodge, 38:311 (quoted).