

LOG AND CORE RECORD OF OIL OR GAS WELL
(Submit in duplicate)

In compliance with rules and regulations pursuant to ORS 520.095 (Chapter 667 OL 1953).

Operator I. W. Love Drilling Company Field Burns area
Well No. H. C. Voglar No. 1 Sec. 25 T. 24 S R. 31 E W. B. & M.

FORMATIONS PENETRATED BY WELL

Depth to Top of Formation	Bottom of Formation	Thickness	Drilled or Cored	Recovery	DRILLER'S LOG Description
0	885	885	Drilled		Sand interbedded with shale. Penetration 45 feet per hour.
885	1105	220	Drilled		Limy shale.
1105	1475	370	Drilled		Shale interbedded with streaks of sand. Penetration 35 feet per hour.
1475	1480	5	Drilled		White limy sand and shale.
1480	1607	127	Drilled		Shale with streaks of sand. (Loss circulation zone.)
1607	1630	23	Drilled		Sandy shale.
1630	1691	61	Drilled		Hard lime.
1691	1808	117	Drilled		Hard lime and chert.
1808	1894	86	Drilled		Pebble conglomerate and lime.
1894	1950	56	Drilled		Hard sand and lime.
1910	2089	179	Drilled		Lime with streaks of lava? (chert!). Penetration 10 feet per hour.
2089	2139	50	Drilled		Lime and shale. Penetration 10 feet per hour.
2139	2186	47	Drilled		Lime and shale with streaks of sand. Penetration about 10 feet per hour.
2186	2220	34	Drilled		Lime and shale.
2220	2225	5	Cored		Sand.
2225	2404	179	Drilled		Hard sand. Penetration about 10 feet per hour.
2404	2461	57	Drilled		Hard sand and lime.

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1069 State Office Building Portland 1, OregonLOG AND CORE RECORD OF OIL OR GAS WELL
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Depth to Top of Formation	Bottom of Formation	Thickness	Drilled or Cored	Recovery	Description
2461	2518	57	Drilled		Hard sand, lime and streaks of volcanic ash.
2518	2618	100	Drilled		Hard sand and lime.
2618	2826	208	Drilled		Firm sand. Penetration 20 feet per hour.
2826	2878	52	Drilled		Firm sand with streaks of shale.
2878	2949	71	Drilled		Shale with streaks of sand.
2949	3009	60	Drilled		Sand.
3009	3011	2	Drilled		Sticky shale.
3011	3095	84	Drilled		Hard sand and shale. Penetration about 11 feet per hour.
3095	3138	43	Drilled		Shale with streaks of hard lime.
3138	3140	2	Drilled		Hard lime.
3140	3260	120	Drilled		Shale with streaks of lime. Penetration 8 feet per hour.
3260	3296	36	Drilled		Hard sand and shale.
3296	3486	190	Drilled		Hard sand and shale with streaks of lime. Penetration 6 feet per hour.
3486	3542	56	Drilled		Hard sand and lime.
3542	3710	168	Drilled		Hard sand and shale with streaks of lime.
3710	3839	129	Drilled		Hard sand and shale.
3839	3902	63	Drilled		Hard sand and shale with streaks of lime. Penetration 10 feet per hour.
3902	3992	90	Drilled		Shale with streaks of sand.

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3992	4007	15	Cored		Hard sand with streaks of lime.
4007	4120	113	Drilled		Hard sand and shale with streaks of lime.
4120	4255	135	Drilled		Hard sand with streaks of lime.
4255	4392	137	Drilled		Basalt(?) and sand. Penetration 18 feet per hour.
4392	4550 T.D.	158	Drilled		Hard sand and shale.