

Log of Morrison Well No. 1, Sec. 28, T. 28 S., R. 14 W., Coos County, Oregon.

Pacific Petroleum Corporation

Marine sand	0 - 130	
Surface conglomerate	130 - 220	
Water strata	220 - 240	
Conglomerate	240 - 366	10" cemented at 366 feet.
Hard shell	366 - 380	14 feet thick.
Hard shale	380 - 440	
Hard black rock	440 - 500	62 feet thick.
Hard shale	500 - 560	
Hard sand	560 - 600	Some gas at 570, trace oil at 580 feet.
Gumbo	600 - 630	Hard shell 2 feet thick at 600 feet.
Hard Shell	630 - 632	
Gumbo	632 - 658	
Hard shell	658 - 660	
Limy shale	660 - 715	
Hard shell	715 - 720	
Gas sand	720 - 780	Cored 48 feet.
Sandy shale	780 - 800	
Gas sand	800 - 811	
Hard shell	811 - 821	
Hard shale	821 - 1010	
Hard shell	1010 - 1014	
Hard shale	1014 - 1050	
Sand	1050 - 1060	Show oil and gas.
Cap rock hard	1060 - 1070	
Hard shale	1070 - 1100	
Sticky blue mud	1100 - 1118	
Hard shale	1118 - 1160	
Gas sand	1160 - 1206	Cored 46 feet.
Hard shell	1206 - 1210	
Hard shale	1210 - 1240	
Sticky mud	1240 - 1250	
Hard shale	1250 - 1460	
Hard shell	1460 - 1462	
Gas sand	1462 - 1518	8 $\frac{1}{4}$ " set at 1516 feet - 10".
Hard shale	1518 - 1600	
Gas sand	1600 - 1640	Cored 40 feet.
Sandy shale	1640 - 1790	Cored.
Soft shale	1790 - 1880	
Hard gas sand	1880 - 1920	
Shale	1920 - 1930	
Gas sand	1930 - 2038	
Hard rock	2038 - 2040	
Hard sand	2040 - 2100	
Hard cap rock	2100 - 2105	
Soft gas sand	2105 - 2189	Showing oil.
Sand	2189 - 2209	Good oil show.
Sandy shale	2209 - 2235	
Hard shell	2235 - 2236	
Gas sand	2236 - 2282	Total depth.