STATE DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
Head Office: 702 Woodlark Bldg., Portland 5, Oregon
1069 State Office Bldg., Portland 1
Field Offices:
2033 First Street, Baker, Oregon
714 East "H" Street, Grants Pass, Oregon

WELL LOG
Date ? 19 Number 1
Recorded by ? Source
County Wheeler Area Mitchell
Quadrangle Mitchell ¼ NE¼ sec. 23 T. 11 S. W/S., R 21E. E/W.

Northwest Petroleum Company
(Drilling Company and Address)
Method of Drilling Date 19 1934-35

"Mitchell Dome Well"
(Property Owner and Address)
Land surface, datum ? ft. above below

Material	Thickness (feet)	Depth (feet)	Remarks
CASING RECORD:			
236' of 15½" surface casing			
73' of 12" casing, bottom at 265'			
598' of 10" casing			
940' of 8½" casing			
CORE RECORD:			
Shale, black	50	50	
Sand ?	4	54	Small flow of water
Shale, brown, sandy	36	90	Water bearing
Shale, brown	125	215	
Shale, brown, sandy	5	220	Water bearing
Shale, black	51	271	
Shale, brownish	86	357	
Shale, sandy w/ shells	10	367	
Shale, limy	15	382	Small amount of water

WL-28

Material	Thickness (feet)	Depth (feet)	Remarks
Shale, brown	15	397	
Limestone, hard	28	425	Some water
Shale, black	57	482	
Shale, gray, sandy	14	496	Trace of oil and gas*
Shale, black	36	532	
Sandy lime	11	543	Trace of oil and gas*
Shale, black	28	571	
Limestone, black, hard	27	598	
Shale, black	66	664	
Limestone, hard, black	17	681	
Sand, gray	½	681½	Oil and gas show*
Limestone, hard, black	3½	684	
Shale, black, sandy	86	770	
Sand, black	5	775	Water bearing
Shale, black	20	795	
Shale, gray	5	800	
Lime	5	805	
Lime, blue, sandy	130	935	Oil shows at 845 & 855
Broken shale and sand	15	950	
Lime, sandy	10	960	
Shale, blue, sandy	10	970	
Lime, sandy	10	980	
Shale, blue	23	1003	
Lime	12	1015	
Shale, blue	20	1035	
Lime, sandy	10	1045	Oil show *
Lime, blue, sandy	22	1067	

WL-28 (2)

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WELL LOG
Date 19 Number
Recorded by Source
County Area
Quadrangle ¼ ¼ sec. T. N/S., R. E/W.

(Drilling Company and Address)
Method of Drilling Date 19

MITCHELL DOME WELL (Continued)
(Property Owner and Address)
Land surface, datum ft. above below

Material	Thickness (feet)	Depth (feet)	Remarks
White colored formation ?	6	1073	
Shale, purple	15	1088	
Lime, green	3	1091	
Shale, broken, light color	7	1098	
Lime, gray	6	1104	
Shale, purple	37	1141	
Shale, gray	12	1153	
Limestone, black, hard	5	1158	
Shale, gray	2	1160	
Limestone	8	1168	
Shale, black, sandy	16	1184	
Shale, black	28	1212	
Shale, gray, sandy	61	1273	
Limestone, sandy	29	1302	
Shale, gray, sandy	5	1307	
Limestone, sandy	11	1318	

WL-28

Material	Thickness (feet)	Depth (feet)	Remarks
Shale, broken, limy	12	1330	
Lime	40	1370	
Sandy lime	2	1372	Heavy oil show *
Limestone, sandy	2	1374	
Formation not recorded	526	1900	± T. D.

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