

STATE DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
 Head Office: 702 Woodlark Bldg., Portland 5, Oregon

Field Offices:
 2033 First Street, Baker, Oregon
 714 East "H" Street, Grants Pass, Oregon

WELL LOG
 Date August 2 19 29 Number 18S 3W 5 Q 1

Recorded by TWR Source Piper Bull. 890
USGS Water Supply
 County Lane Area Paper 726, p. 128

Quadrangle Eugene SW 1/4 SE 1/4 sec. 5 T 18 N/S., R 3 E/W.

Guarantee Oil Company, Eugene, Oregon

(Drilling Company and Address)

Method of Drilling _____ Date _____ 19____

(Property Owner and Address)

Land surface, datum _____ ft. above _____
 below _____

Material	Thickness (feet)	Depth (feet)	Remarks
Shale	22	22	0 - 22
Blue shale	10	32	22 - 32
Shale rock	23	55	32 - 55
Limestone	10	65	55 - 65
Blue shale	4	69	65 - 69
Blue limestone	15	84	69 - 84
Blue shale	3	87	84 - 87
Blue limestone	20	107	87 - 107
Blue shale	8	115	107 - 115
Blue limestone	15	130	115 - 130
Sand-water	5	135	130 - 135
Sandstone	5	140	135 - 140
Blue shale	5	145	140 - 145
Limestone	15	160	145 - 160
Blue shale	10	170	160 - 170
Limestone	10	180	170 - 180

Material	Thickness (feet)	Depth (feet)	Remarks
Blue shale	3	183	180-183
Limestone rock	97	280	183-280
Red rock	140	420	280-420
Oil shale and sandstone	15	435	420-435
Dark red rock	195	630	435-630
Sandstone	10	640	630-640
Oily sandstone	10	650	640-650
Red rock (water cased out)	18	668	650-668
Sandy limestone	1	669	668-669
Red rock	4	673	669-673
Sandy limestone	6	679	673-679
Sand, gas	12	691	679-691
Conglomerate	3	694	691-694
Red rock	2	696	694-696
Sandy limestone	42	738	696-738
Blue clay, hot, temp. ^{71°C} 160°	8	746	738-746
Sandstone	3	749	746-749
Blue clay	9	758	749-758
Sandstone	15	773	758-773
Oil sand	3	776	773-776
Blue shale	7	783	776-783
Conglomerate	15	798	783-798
Red rock	25	823	798-823
Sandstone	20	843	823-843
Red rock	5	848	843-848
Sandstone	10	858	848-858
Red rock	35	893	858-893

SCANNED

STATE DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
 Head Office: 702 Woodlark Bldg., Portland 5, Oregon

Field Offices:
 2033 First Street, Baker, Oregon
 714 East "H" Street, Grants Pass, Oregon

WELL LOG

Date _____ 19____ Number 18S 3W 5 Q 1

Recorded by _____ Source _____

County Lane Area _____

Quadrangle _____ $\frac{1}{4}$ $\frac{1}{4}$ sec. T _____ N/S., R _____ E/W.

Guarantee Oil Company, Eugene, Oregon
 (Drilling Company and Address)

Method of Drilling _____ Date _____ 19____

(Property Owner and Address)

Land surface, datum _____ ft. above _____
 below _____

Material	Thickness (feet)	Depth (feet)	Remarks
Sandstone	11	904	893 - 904
Red rock	16	920	904 - 920
Dark sandy limestone	35	955	920 - 955
Red rock	27	982	955 - 982
Sandy limestone	13	995	982 - 995
Red beds	62	1057	995 - 1057
Slate shale	28	1085	1057 - 1085
Sandstone	30	1115	1085 - 1115
Clay, shale, soft (hot)	10	1125	1115 - 1125
Oil sand	3	1128	1125 - 1128
Sandstone	5	1133	1128 - 1133
Dark blue shale	32	1165	1133 - 1165
Sandstone	23	1188	1165 - 1188
Hard sand	18	1206	1188 - 1206
Sandy limestone	106	1312	1206 - 1312
Red beds	72	1384	1312 - 1384

SCANNED

Material	Thickness (feet)	Depth (feet)	Remarks
Sandstone	30	1414	1384-1414
Red beds	30	1444	1414
Sandstone	42	1486	1444
Red rock	10	1496	1486
Sandstone	18	1514	1496
Red rock and sandstone?	115	1629	1514
Slaty shale	140	1769	1629
Shale and sandstone	75	1844	1769
Dark rock and shale	45	1889	1844
Slate and sandstone	27	1916	1889
Red shale	20	1936	1916
Sandstone	23	1959	1936
Blue shale	37	1996	1959
Sandstone	33	2029	1996
Shale and sandstone	22	2051	2029
Bright red rock	173	2224	2051
Sand shale	70	2294	2224
Blue shale	57	2351	2294
Sandstone		3000 T.D.	2351

SCANNED