

GUARANTEE OIL COMPANY  
 Eugene Well  
 SW $\frac{1}{4}$  SE $\frac{1}{4}$  Sec 5, T 18S, R 3W  
 Lane County

Shale	0 - 22'
Blue shale	22 - 32'
Shale rock	32 - 55'
Limestone	55 - 65'
Blue shale	65 - 69'
Blue limestone	69 - 84'
Blue shale	84 - 87'
Blue limestone	87 - 107'
Blue shale	107 - 115'
Blue limestone	115 - 130'
Water sand	130 - 135'
Sandstone	135 - 140'
Blue shale	140 - 145'
Limestone	145 - 160'
Blue shale	160 - 170'
Limestone	170 - 180'
Blue shale	180 - 183'
Limestone rock	183 - 280'
Red rock	280 - 420'
Oil shale and sandstone	420 - 435'
Dark red rock	435 - 630'
Sandstone	630 - 640'
Oily sandstone	640 - 650'
Red rock, water bearing	650 - 668'
Sandy limestone	668 - 669'
Red rock	669 - 673'
Sandy limestone	673 - 679'
Gas sand	679 - 691'
Conglomerate	691 - 694'
Red rock	694 - 696'
Sandy limestone	696 - 738'
Blue clay, temp 160 deg	738 - 746'
Sandstone	746 - 749'
Blue clay	749 - 758'
Sandstone	758 - 773'
Oil sand	773 - 776'
Blue shale	776 - 783'
Conglomerate	783 - 798'
Red rock	798 - 823'
Sandstone	823 - 843'
Red rock	843 - 848'
Sandstone	848 - 858'
Red rock	858 - 893'

Eugene Well

( 2 )

Sandstone	893 - 904'
Red rock	904 - 920'
Dark sandy limestone	920 - 955'
Red rock	955 - 982'
Sandy limestone	982 - 995'
Red beds	995 - 1057'
Slaty shale	1057 - 1085'
Sandstone	1085 - 1115'
Clay-shale, soft	1115 - 1125'
Oil sand	1125 - 1128'
Sandstone	1128 - 1133'
Dark blue shale	1133 - 1165'
Sandstone	1165 - 1188'
Hard sand	1188 - 1206'
Sandy limestone	1206 - 1312'
Red beds	1312 - 1384'
Sandstone	1384 - 1414'
Red beds	1414 - 1444'
Sandstone	1444 - 1486'
Red rock	1486 - 1496'
Sandstone	1496 - 1514'
Red rock and sandstone	1514 - 1629'
Slaty shale	1629 - 1769'
Shale and sandstone	1769 - 1844'
Dark rock and shale	1844 - 1889'
Slate and sandstone	1889 - 1916'
Red shale	1916 - 1936'
Sandstone	1936 - 1959'
Blue shale	1959 - 1996'
Sandstone	1996 - 2029'
Shale and sandstone	2029 - 2051'
Bright red rock	2051 - 2224'
Sandy shale	2224 - 2294'
Blue shale	2294 - 2351'
Sandstone	2351 - 3000' TD