

GUARANTEE OIL COMPANY
Cottage Grove Well
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 28, T 20S, R 3W
Lane County

(No water 200 - 1000')

Yellow sandy shale	0 - 105'
Gray limestone	105 - 173'
Shale	173 - 202'
Red shale	202 - 218'
Blue shale	218 - 226'
Red shale	226 - 302'
Dark red shale	302 - 346'
Coarse sand w/d water	346 - 380'
Green and gray shale	380 - 405'
Light green shale	405 - 449'
Conglomerate	449 - 471'
Sand w/ water	471 - 486'
Gray shale	486 - 546'
Light gray shale	546 - 561'
Dark sandy shale	561 - 586'
Red shale	586 - 634'
Light red shale	634 - 646'
Light gray shale	646 - 674'
Gray conglomerate	674 - 714'
Black shale	714 - 727'
Green shale	727 - 811'
Fine sand w/ water	811 - 814'
Greenstone	814 - 833'
Dark brown shale	833 - 877'
Dark gray shale	877 - 909'
Gritty blue shale	909 - 959'
Dark blue shale	959 - 977'
Gritty blue shale	977 - 992'
Light blue shale	992 - 999'
Dark blue shale	999 - 1029'
Blue shale	1029 - 1035'
Light blue shale	1035 - 1065'
Brown shale	1065 - 1096'
Red shale	1096 - 1119'
Dark brown shale	1119 - 1141'
Black sand	1141 - 1143'
Red shale	1143 - 1148'
Red beds	1148 - 1173'
Blue shale	1173 - 1194'
Sandy gray shale	1194 - 1205'
Gritty gray shale	1205 - 1230'
Gray sandy shale	1230 - 1263'

Cottage Grove Well

(2)

Blue slate	1263 - 1288'
Blue slate	1288 - 1303'
Slaty shale	1303 - 1328'
Red shale	1328 - 1373'
Black limestone	1373 - 1403' TD

Drilling of this well and the Eugene well was supervised by Rev. W.A. Elkins a teacher at the Eugene Bible University, an institution of the Campbellite Church. The wells were located with a "doodle bug".