

THE NORTHWEST SCOUTING SERVICE
1312 Public Service Building
Portland 4, Oregon

Drilled by Electric Bond & Share (K. D. Rodebaugh)
for the account of
Portland Gas & Coke Company

LOG OF STEIWER DOME WELL
1580' S of the NW corner, S14, T9S, R3W WM
Thence E 400' to location, Marion County, Oregon

FROM	TO	
0	8	Surface soil and clay
8	9	Coarse grained dark brown tuff - oxidized
9	16	Fine grained soft oxidized siltstone, buff colored ash
16	72	Fine grained slate gray siltstone - medium hard - few hard limy shells
72	185	Fine grained dark to slate gray ash - fossil bed at 130 feet
185	252	Dark gray ash - top of water sand at 252' - fossil bed at 215'
252	271	Fine grained dark gray water sand - sand calcareous
271	310	Soft dark gray ash, muddy - fossil bed at 310'
310	337	Soft dark gray ash, muddy - fossil bed at 336'
337	345	Fine white ash
345	365	Dark gray ash, soft, muddy - fossil bed at 335'
365	376	Dark gray ash, soft
376	385	Dark gray sandy ash - fossil bed at 385'
385	474	Gray to dark gray ash
474	495	White ash, fine grained
495	521	Light gray to white ash - sandy streaks
521	524	Hard shell, limy
524	527	Light gray ash, fine grained, hard shell
527	537	Dark blue ash, soft
537	547	Dark gray ash, soft
547	551	Hard shell fine gray ash
551	561	Dark brown soft ash, muddy
561	564	Hard shell, light gray, fine ash
564	566	Dark brown ash, soft
566	578	Sandy light gray ash, thin, muddy
578	584	Hard shell light gray fine ash, fossils - micro.
584	600	Sandy light gray ash, fine grained
600	611	Sandy light gray ash, turning very dark upon exposure
611	645	Light gray sandy ash, medium to fine grained
645	659	Dark gray muddy ash
659	670	Hard white ash
670	683	Light gray ash turning dark gray upon exposure
683	692	Very dark gray ash, muddy
692	707	Light gray ash, with shot pebbles, turns dark upon exposure
707	720	White ash
720	727	Dark gray shaly ash, cavy
727	735	Light gray ash, medium grained
735	778	Dark brown ashy shale, streaks white ash, fossils Acila Shumardi

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778	790	Brown streaks of shale and dark ash, shale caves
790	800	White ash
800	816	Gray to white ash
816	820	White ash
820	825	White coarse sand, ash matrix
825	840	White to light gray ash, sharp
840	850	Light gray ash, hard, muddy
850	885	Dark gray ash, muddy, fine grained
885	897	Hard light gray ash, to white ash, muddy
897	915	Soft light gray ash, muddy - changed from 15" to 12" bit
915	923	Dark gray soft muddy ash with small shot pebbles
923	930	Dark gray sandy ash, muddy - considerable calcite in seams, pebbles
937	940	Red bed of ash, brick red, like Scio Lacombe red bed
940	955	Soft coarse gray ash, turns from green to black upon exposure to air. A few fossils on top of bed
955	960	Hard slate gray ash, fine grained, grading into hard shell
960	970	Hard medium grained light blue gray ash, shell muddy, formation stated to cave at base of shell
970	1001	Soft cheese-like ash, fine grained, caving, greenish gray, hard shell 1' thick at 980'
1001	1004	Hard slate gray ash shell, fine grained, does not mud up on bit
1004	1009	Greenish gray hard ash, speckled, white and greenish gray, coarse
1009	1022	Soft dark greenish gray ash, caving
1022	1040	Soft blue ash
1040	1060	Mottled dark blue, green and pink ash, soft
1060	1088	Brick red ash, soft and cavy
1088	1091	Hard gray ash shell
1091	1108	Mottled red, gray, greenish gray, buff conglomerate some nearly purple
1108	1120	Hard gray ash shell, small shot pebbles slightly calcareous landed pipe 1121' change to 10" bit
1120	1140	Hard dark gray ash, sharp, not muddy
1140	1147	Hard dark gray ash, no mud, gritty
1147	1152	Red ash, soft and muddy
1152	1164	Dark gray greenish gray to black, soft and very muddy ash
1164	1170	Dark gray ash, mottled with red ash, fragments
1170	1178	Mottled red and dark gray ash, medium hard
1178	1182	Dark reddish brown ash, soft
1182	1185	Chocolate brown ash muddy and soft, looks like a shale
1185	1202	Blue gray ash, soft but very little mud
1202	1290	Light gray ash - medium hardness
1290	1410	Dark gray to black ash - hard
1410	1490	Light gray ash - soft
1490	1500	Dark gray ash, hard
1500	1515	Dark gray ash, medium hardness
1515	1525	Light gray ash, hard
1525	1535	Dark gray ash, hard
1535	1560	Light gray ash, hard
1560	1620	Light gray ash, medium hardness
1620	1650	Light gray ash, hard

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897	915	Soft light gray ash, muddy-Changed from 15 in. to 12 in. bit
915	923	Dark Gray soft muddy ash with small shot pebbles
923	930	Dark Gray sandy ash, muddy-Considerable calcite in seams, pebbles

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930	937	Soft sandy dark gray ash - Top of 3 ft. red bed
937	940	Red bed of ash, brick red, like Scio Lacombe red bed
940	955	Soft coarse gray ash, turns from green to black upon exposure to air. A few fossils on top of bed
955	960	Hard slate gray ash, fine grained, grading into hard shell
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1525	1535	Dark gray ash - hard
1535	1560	Light gray ash - hard
1560	1620	Light gray ash - medium hardness
1620	1650	Light gray ash - hard
1650	1805	Dark gray ash - medium hardness
1805	2120	Light gray ash - medium hardness
2120	2190	Dark gray shale - soft - some fossils
2190	2400	Light gray shale, soft
2400	2450	Dark gray shale, medium hardness
2450	2535	Dark gray ash, hard
2535	2680	Light gray sand - medium grained - medium hardness
2680	2845	Light gray sand - some brownish cast - fine grained - hard

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1650	1655	Light gray ash, medium hardness
1655	1805	Dark gray ash, medium hardness
1805	2120	Light gray ash, medium hardness
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