

PORTLAND GAS & Coke Co.

CONDENSED LOG OF WIEDERKEHR WELL  
Marion County, Oregon

24-D

<u>FROM</u>	<u>TO</u>	
0	43	Sand and gravel - fresh water
43	45	Sandy shale
45	110	Fine grained gray sand - 16 in. casing landed at 104 ft.
110	125	Medium hard gray shale
125	135	Fine grained gray sand - fresh water
135	160	Sandy shale
160	255	Fine grained gray sand - fresh water
255	285	Soft sandy shale
285	310	Fine grained gray sand
310	465	Soft sandy shale
465	467	Fine grained gray sand
467	468	Hard light gray lime shell
468	474	Fine grained soft gray sand - fresh water
474	475	Hard light gray lime shell
475	575	Medium grained sand with salt water at 510 - Gas showing.
575	600	Soft sandy shale
600	645	Medium grained gray sand - show of gas at 605
645	800	Dark gray organic shale - cemented 13 in. casing at 785'-7"
800	802	Hard light gray lime shell
802	805	Soft sandy shale
805	810	Soft gray shale
810	1590	Medium grained light gray sand - carrying salt water and gas
1590	1605	Hard sandy gray shale - cemented 8-5/8 in. casing at 1605 ft.
1605	1680	Fine grained gray sand carrying salt water.
1680	1695	Medium hard gray sandy shale.
1695	1720	Medium hard gray shale
1720	1791	Medium hard gray sandy shale
1791	1795	Medium hard gray shale
1795	1810	Medium hard grayish blue sandy shale
1810	1825	Medium hard light gray to green shale
1825	1890	Medium hard gray to green sandy shale
1890	1910	Soft gray sand
1910	1915	Medium hard gray shaly sand
1915	1980	Soft gray sand carrying salt water and some gas
1980	2000	Soft gray sandy shale
2000	2060	Soft gray sand carrying salt water
2060	2070	Soft gray sandy shale
2070	2080	Soft gray muddy sand
2080	2120	Medium hard gray sandy shale
2120	2155	Medium hard gray shale
2155	2270	Medium hard gray sandy shale
2270	2340	Medium hard gray to green sandy shale
2340	2500	Medium hard gray sandy shale
2500	3511	Soft gray shale interbedded with limy shells
3511	3520	Soft brown shale
3520	3596	Soft gray shale interbedded with limy shells
3596	3617	Black basalt