

UNITED COMPANY OF OREGON FAY #1
SEC. 9, T24S, R33E HARNEY COUNTY, OREGON

<u>Well Depth</u>	<u>Ditch Sample Descriptions KFD</u>
500-510	White silt-sized glass and pumaceous fragments.
630-650	Grey bentonitic glass-shard rich siltstone.
800-810	Glassy light colored silts and clays.
850-860	As Above.
900-910	Glass shard silts with some pumaceous fragments; light grey to white.
950-960	Same as above with larger and more numerous glass fragments in a silty glass shard matrix.
1,040-1,050	Dark grey glassy silt.
1,250-1,260	Volcanic quartz and pumaceous sand fragments in a glassy silt matrix; light grey.
1,350-1,360	Brown basaltic sand mixed with light colored glass-rich silt.
1,530-1,535	White to dark grey glass ranging from obsidian and colorless euhedral quartz to grey silt-sized water lain (?) glass fragments.
2,915-3,000	Dark grey glass rich silts mixed with occasional pumice fragments, colorless euhedral volcanic quartz and plagioclase, and light grey water lain glassy silts. Carbonaceous fragments are present in some of the silts; iron staining apparent on some fragments.
3,000-3,100	As Above.
3,100-3,200	As Above.
3,200-3,300	As Above.
3,300-3,400	As Above.
3,400-3,500	As above; slightly higher % of light-colored water lain silt.
3,500-3,570	As Above.
3,570-3,660	Waterlain light grey silts with some carbonaceous shales and lignites; minor % of bentonitic clays and glass rich silts.

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<u>Well Depth</u>	<u>Ditch Sample Descriptions KFD</u>
3,660-3,700	Dark-colored flow rock (?); grey-brown vitrophyre and obsidian mixed with grey to white bentonitic claystone.
3,700-3,800	Bentonitic cream to light grey waterlain siltstones and claystones with some lignitic shales and coal (?).
3,800-3,835	Dominantly cream to greenish grey bentonitic clays; some glassy pyroclastic material similar to upper part of the well.