

STATE **OREGON** COUNTY **Harney** BLOCK **9** SEC. **9** T. **23S** R. **36E** S. **4** SW **1/4** S. **1** NW **1/4**

COMPANY **United Company of Oregon** FARM **Weed & Potcut** WELL NO. **1**

SURVEY

CONTRACTOR **Aimoretto**

COMMENCED **Aug 28 1911**

COMPLETED

REMARKS

ALTITUDE **2150.84** **Grain**

PRODUCTION **1.5671** **water table**

CASING RECORD

28 48' N. of SW corner	10"
217 East of SW 1/4	8 1/2"
20' Sec. 9	6 1/2"
15 1/4"	5 1/2"
12 1/4"	

SHOT QUARTS BETWEEN

FORM 394 - In stock and for sale by Mid-West Prtg. Co., Tulsa

0	surface Gravel
100	surface Gravel
200	Gravel
300	Gravel
400	Soft white tuffaceous clay with gravel embedded in clay. gravel derived from volcanic material. Soft white and brown to coffee colored clay.
500	Hard light tan material derived from volcanic material (ash) and changed chemically. Little lime in white clay. Few pieces light green shale.
600	Salmon colored clay
650	Vari-colored clay (red shale) 80% 10% Lava (grayish-black) hard green glassy lava.
700	99% Gray-tan Lava, green spots and very fine black specks in Lava. 10-15% Hard gray-tan lava. Also gray-green lava. 60-65% red to brick colored lava with vari-colored crystals.
750	60-700-Brick red sandy shale. gray-tan lava.
800	Vari-colored altered Ash deposits.
850	Clear-transparent quartz grains fairly hard and brittle. 5 minutes per 1 ft. Drilling time. Vari-colored material derived from volcanic Ash.
900	Vari-colored altered Ash. Soft gray-green.
950	gray Conglomerate rounded grains. gray white clay (v. Ash)
1000	Hard fine grained gray-black lava contains high % iron pyrite
1100	" " "
1150	Gray tuffaceous sandy shale. Hard gray-black lava.
1200	Soft gray-green tuffaceous shale. Plus 10% black lava. Vari-colored tuffaceous shale large quartz crystals.
1250	White, cream colored & green tuff. shale. gray & white tuff. clay. gray & white tuff. shale with tan.
1300	Soft gray-green tuff. sandy shale.
1350	gray and vari-colored sandy conglomerate. Little cream colored soft lime.
1400	Vari-colored sandy tuff. conglomerate. gray lava with black specks.
1450	quartz, sand and vari-colored lava in streaks. Some gray-black lava. Sandy red tuff. Iron pyrite. Light green glassy lava. Vari-colored sand.
1500	Vari-colored sand. 187 Last circulation. Little lime. Show of
1550	Vari-colored volcanic sand. Fair fluorescence. Slight show of calc. Max. depth 1560-1585. Last circulation. No samples. No samples. Slight large cavities. Advised on bottom hole. Run search for gas.
1600	Hard gray-green. White tuff. Thermally altered sedimental (volcanic Ash possibly)
1700	Same as above. All-Very hard.
1750	" " " " "
1800	No Samples - last circulation. gray-white volcanic Agglomerate.
1850	30 Samples.
1900	Fine grained. Angular gray-white volcanic Agglomerate sandy. Some vari-colored.
1950	Last circulation. No Returns.
2000	Vari-colored volcanic Agglomerate. black speckled material resembling coke. May be remains of volcanic pipe. Little green shale and lime. Last circulation - NO Returns.
2050	2065-2150 Vari-colored volcanic Agglomerate. brown & white limy Ash. Also green shale. red and green volcanic agglomerate. green and brown shale. Little lime. white limy Ash. gray-green and black shale. Agglomerate
2200	Same as above.
2225	2270-75 No samples. Core. gray-green tuffaceous brick shale.
2300	light green & tan shale. Vari-colored Agglomerate - gray & black speckled vol. Material (possibly some carbon). White and tan Ash.
2400	Same as above.
2500	Same as above.
2600	Same as above.
2700	black altered sediments. tan & green tuffaceous shale.
2800	Same as above.
2900	Tan tuffaceous shale & vari-colored altered sediments.
3000	Same as above.
3100	Dark brown oil shale. Tan tuffaceous shale & black altered sediments.
3200	Same as above.
3300	Tan tuffaceous shale and grayish shale altered sediments.
3400	Same as above.
3500	red black altered sediments.
3600	green & tan shale with streaks of hydrocarbons. Little lime.
3700	Same as above.
3800	Tan and green tuffaceous shale. black altered sediments.
3900	Same as above.
4000	grayish black altered material. light green shale. gray & tan shale. Little lime.
4100	grayish black altered material. light green shale. gray & tan shale. Little lime.
4200	grayish black altered material. light green shale. gray & tan shale. Little lime.
4300	grayish black altered material. light green shale. gray & tan shale. Little lime.
4400	grayish black altered material. light green shale. gray & tan shale. Little lime.
4500	grayish black altered material. light green shale. gray & tan shale. Little lime.
4600	grayish black altered material. light green shale. gray & tan shale. Little lime.
4700	grayish black altered material. light green shale. gray & tan shale. Little lime.
4800	grayish black altered material. light green shale. gray & tan shale. Little lime.
4900	grayish black altered material. light green shale. gray & tan shale. Little lime.
5000	grayish black altered material. light green shale. gray & tan shale. Little lime.
5100	grayish black altered material. light green shale. gray & tan shale. Little lime.
5200	grayish black altered material. light green shale. gray & tan shale. Little lime.
5300	grayish black altered material. light green shale. gray & tan shale. Little lime.
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5700	grayish black altered material. light green shale. gray & tan shale. Little lime.
5800	grayish black altered material. light green shale. gray & tan shale. Little lime.
5900	grayish black altered material. light green shale. gray & tan shale. Little lime.
6000	grayish black altered material. light green shale. gray & tan shale. Little lime.
6100	grayish black altered material. light green shale. gray & tan shale. Little lime.
6200	grayish black altered material. light green shale. gray & tan shale. Little lime.
6300	grayish black altered material. light green shale. gray & tan shale. Little lime.
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6500	grayish black altered material. light green shale. gray & tan shale. Little lime.
6600	grayish black altered material. light green shale. gray & tan shale. Little lime.
6700	grayish black altered material. light green shale. gray & tan shale. Little lime.
6800	grayish black altered material. light green shale. gray & tan shale. Little lime.
6900	grayish black altered material. light green shale. gray & tan shale. Little lime.
7000	grayish black altered material. light green shale. gray & tan shale. Little lime.
7100	grayish black altered material. light green shale. gray & tan shale. Little lime.
7200	grayish black altered material. light green shale. gray & tan shale. Little lime.
7300	grayish black altered material. light green shale. gray & tan shale. Little lime.
7400	grayish black altered material. light green shale. gray & tan shale. Little lime.
7500	grayish black altered material. light green shale. gray & tan shale. Little lime.
7600	grayish black altered material. light green shale. gray & tan shale. Little lime.
7700	grayish black altered material. light green shale. gray & tan shale. Little lime.
7800	grayish black altered material. light green shale. gray & tan shale. Little lime.
7900	grayish black altered material. light green shale. gray & tan shale. Little lime.
8000	grayish black altered material. light green shale. gray & tan shale. Little lime.
8100	grayish black altered material. light green shale. gray & tan shale. Little lime.
8200	grayish black altered material. light green shale. gray & tan shale. Little lime.
8300	grayish black altered material. light green shale. gray & tan shale. Little lime.
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8600	grayish black altered material. light green shale. gray & tan shale. Little lime.
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8900	grayish black altered material. light green shale. gray & tan shale. Little lime.
9000	grayish black altered material. light green shale. gray & tan shale. Little lime.
9100	grayish black altered material. light green shale. gray & tan shale. Little lime.
9200	grayish black altered material. light green shale. gray & tan shale. Little lime.
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9700	grayish black altered material. light green shale. gray & tan shale. Little lime.
9800	grayish black altered material. light green shale. gray & tan shale. Little lime.
9900	grayish black altered material. light green shale. gray & tan shale. Little lime.