

Company

Farm Davidson

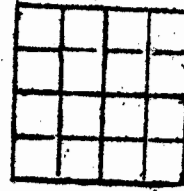
Sec. 16 T. 11 R. 24W
Loc.

No. 1

Total Depth 3505
Comm.
Shot or Treated
Contractor
Issued

Comp.

County Trego



Casing
20 in. 10 in.
15 1-2 8 1-4
12 1-2 6 5-8
13 3-8 5 3-16

By R. Roth

Elevation
Production

Figures Indicate Bottom of Formation

<u>Top</u>	<u>Bottom</u>	<u>Formation</u>
25	52	<u>Pierre Tertiary</u> Bentonitic Yellow Shale with some Conglomerate.
52	340	<u>Smoky Hill Chalk</u> Grey Shale, Chalky <u>Ft. Hays Limestone</u>
340	410	Chalky Lime <u>Carlile Shale</u> Bentonitic, Globigerina etc.
410	675	Grey Shale, some Limestone. <u>Ostrea Shells. Some Bentonite.</u>
At	750	<u>Greenhorn Limestone</u> <u>Graneros Shale</u> Lime <u>Ostrea Bed.</u>
815	830	<u>Dakota Group</u> Angular Sand, Fine.
At	840	Spheroidal Dolomite.
845	855	Angular Sand, Coarse.
855	865	Spheroidal Dolomite, Some Grey Shale, Angular Sand.
865	900	Grey Shale, Spheroidal Dolomite. Sand.
910	935	Chalky sand. Spheroidal Dolomite.
945	951	Carbonaceous Shale. Grits. Spheroidal Dolomite.
960	980	Angular Sand and Pyriti. Dolomite.
At	995	Spheroidal Dolomite.
1000	1025	Angular Sand, Fine Sand, and Pyrite.
1025	1030	Carbonaceous Shale.
1038	1075	Angular, Frosted Sand and Pyriti.
1155	1165	Brown and Grey Shale and Fine Sandstone.
1170	1175	Frosted Sand.
1193	1198	Frosted Sand
At	1220	<u>Greer Formation</u> Gray Shale.

Figures Below Indicate Bottom of Formation

<u>TOP</u>	<u>BOTTOM</u>	<u>FORMATION</u>
		<u>Day Creek Dolomite</u>
		<u>Whitehorse Sandstone</u> - 1238-1580
1238	1325	Frosted Sand, White <u>Bentoniti.</u>
1355	1360	Red Shale.
1360	1370	Angular Frosted Sand,, White Some Red Shale.
1480	1485	Red Shale and Frosted Sand.
At	1530	Frosted Angular Sand.
1550	1559	Sand. Some Red Shale.
At	1580	Frosted Angular Orange Sandstone.
		<u>Dog Creek Shale</u> - 1790-1881
1790	1795	Frosted Angular White Sand and Red Shale.
1875	1881	Red Grits.
		<u>Enid</u>
		<u>Blaine</u> - 1910-1983
1910	1915	Angular Sand, Red and Grey Shale. <u>Ostres.</u>
1978	1983	Red Grits.
		<u>Wellington Formation</u> - 2025-2540
2025	2030	Red Grits and Dolomite
2060	2070	Dolomite, Gypsum, Granular.
2080	2090	Gypsum, and Grit.
2146	2152	Red Shale.
2158	2169	Gypsum and Grey Shale.
2295	2305	Red and Grey Shale.
2310	2320	Grey Shale. Some Orange Selenite.
2358	2361	Red Shale.
2385	2390	Grey Shale.
2390	2450	Salt.
2479	2474	Grey Shale and Gypsum, some Salt.
At	2490	Grey Shale.
At	2540	Grey Shale and Gypsum.
		<u>Marion</u> - 2556-2721
2556	2591	Grey Shale, some Gypsum and Red Shale.
2605	2615	Dolomite, Gypsum.
At-	2680	Pine Grit and Grey Shale.
2690	2695	Dolomite and Red Shale.
2705	2710	Dark Grey Shale. Some Green Shale.
2718	2721	Grey Shale and Gypsum.
		<u>Ft. Riley--Florence Flint</u> - 2740-2790
At	2740	Fine Grit
At	2760	Lime, some Fossils.
At	2780	Speckled Dolomite.
		<u>Matfield</u> - 2879-2870
2829	2838	Grey and Red Shale.
2855	2860	Sand Grits.
2865	2870	Gritty Lime.
		<u>Wreford</u> - 2879-2900
2879	2888	Speckled Lime. Cherty Lime. Bryozoa, etc.
At	2900	Reddish Shale.

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<u>TOP</u>	<u>BOTTOM</u>	<u>FORMATION</u>
2918	2930	<u>Garrison</u> 2918-2921 Grey, Green Shale. Salt?
2978	2981	Grey Shale. Salt?
		<u>Cottonwood</u> 3000-3030
At	3000	Lime
At	3010	Dolomite, Fine.
3020	3030	Lime and Gypsum.