

LOG OF TAYLOR NO. 1.
Ford County, Kansas.

Center of NW $\frac{1}{4}$ of Section 21, Twp. 25, Range 24 West.

Surface	-----	12	feet
Gyp Rock	-----	12 to 50	feet
Shale	-----	50 to 63	feet
Water Sand	-----	63 to 66	feet (Water)
Shale	-----	66 to 85	feet
Water Sand & Gravel	-----	85 to 90	feet (Water)
Shale	-----	90 to 100	feet
Water Sand	-----	100 to 102	feet (Water)
Black Shale	-----	102 to 120	feet
Blue Shale	-----	120 to 153	feet
Brown Shale	-----	153 to 179	feet
Blue Shale	-----	179 to 185	feet
White Shale	-----	185 to 215	feet
Brown Shale	-----	215 to 227	feet
Grey Lime	-----	227 to 232	feet
White Shale	-----	232 to 254	feet
Grey Lime	-----	254 to 275	feet
White Shale	-----	275 to 285	feet
Grey Lime	-----	285 to 292	feet
Water Sand	-----	292 to 298	feet (Water)
Grey Lime	-----	298 to 312	feet
White Shale	-----	312 to 315	feet
Grey Lime	-----	315 to 334	feet
Red Rock	-----	334 to 366	feet
Blue Shale	-----	366 to 400	feet (Gas)
Red Rock	-----	400 to 415	feet
Blue Gumbo	-----	415 to 520	feet
Sand	-----	520 to 522	feet (Showing of Gas)
Blue Shale	-----	522 to 560	feet
Sand	-----	560 to 578	feet (Hole full of Water)
Sandy Shale	-----	578 to 617	feet
Suit Case Sand (white)	-----	617 to 725	feet (Carrying Rainbow of Oil)
Blue Shale	-----	725 to 740	feet
Soft Sand	-----	740 to 750	feet (Water)
Sandy Lime (hard)	-----	750 to 760	feet
Blue Shale	-----	760 to 775	feet
White Shale	-----	775 to 777	feet (Set 12 $\frac{1}{2}$ inch pipe)
White Shale	-----	777 to 780	feet
Grey Shale	-----	780 to 850	feet
Water Sand	-----	850 to 865	feet
Red Shale	-----	865 to 875	feet
Sand	-----	875 to 890	feet
Red Shale	-----	890 to 895	feet
Sand	-----	895 to 920	feet (Showing of Oil)
Red Shale	-----	920 to 945	feet
Sandy Lime	-----	945 to 960	feet
Red Shale	-----	960 to 965	feet
Sand	-----	965 to 980	feet (Showing of Oil)
Red Shale	-----	980 to 994	feet
Sand	-----	994 to 1000	feet (Showing of Oil)
Lime	-----	1000 to 1004	feet
Brown Shale	-----	1004 to 1020	feet
Lime	-----	1020 to 1030	feet
Red Shale	-----	1030 to 1080	feet
Brown Shale	-----	1080 to 1110	feet
Red Sand	-----	1110 to 1190	feet (Water)
Red Sand	-----	1190 to 1260	feet
Red Shale	-----	1260 to 1275	feet
Sandy Shale	-----	1275 to 1300	feet
Sandy Shale	-----	1300 to 1350	feet
Sandy Shale	-----	1350 to 1370	feet
Sandy Lime	-----	1370 to 1380	feet
Broken Lime & Shale	-----	1380 to 1400	feet
Hard Sand (red)	-----	1400 to 1430	feet
Red Shale	-----	1430 to 1450	feet
Red Sand	-----	1450 to 1470	feet
Red Shale	-----	1470 to 1475	feet
Hard Sand	-----	1475 to 1490	feet
Lime Shells & Shale	-----	1490 to 1510	feet
Broken Sand & Shale	-----	1510 to 1560	feet
Red Shale	-----	1560 to 1590	feet
Red Shale	-----	1590 to 1610	feet
Sandy Shale	-----	1610 to 1620	feet
Red Shale	-----	1620 to 1630	feet
Red Shale	-----	1630 to 1660	feet
Lime	-----	1660 to 1680	feet (Set 10 inch pipe)
Rock Salt	-----	1680 to 1685	feet
Blue Shale	-----	1685 to 1690	feet
Blue Shale	-----	1690 to 1692	feet
Blue Shale	-----	1692 to 1700	feet
Brown Shale	-----	1700 to 1845	feet
Brown Shale & Shells	-----	1845 to 1890	feet (Gas)
Rock Salt	-----	1890 to 1900	feet
Brown Shale & Shells	-----	1900 to 1950	feet
Brown Shale & Shells	-----	1950 to 1975	feet (Gas & Oil)
Red Shale	-----	1975 to 2002	feet
Red Shale	-----	2002 to 2005	feet (Gas & Oil)
White Shale	-----	2005 to 2025	feet
Brown Shale	-----	2025 to 2050	feet (Gas)
Grey Slate	-----	2050 to 2080	feet
Blue Slate	-----	2080 to 2105	feet
Rock Salt	-----	2105 to 2120	feet
Lime	-----	2120 to 2130	feet (Showing of Oil)
Rock Salt	-----	2130 to 2140	feet
Red Shale	-----	2140 to 2180	feet
Blue Shale	-----	2180 to 2220	feet
Rock Salt	-----	2220 to 2280	feet
Lime	-----	2280 to 2310	feet
Lime (hard)	-----	2310 to 2330	feet (Showing of Gas & Oil)
Rock Salt	-----	2330 to 2370	feet
Lime	-----	2370 to 2380	feet
Blue Slate	-----	2380 to 2390	feet
Lime	-----	2390 to 2415	feet
Broken Lime & Shale	-----	2415 to 2470	feet
Lime & Shale	-----	2470 to 2510	feet (Oil)
Lime	-----	2510 to 2525	feet
Broken Lime & Shale	-----	2525 to 2560	feet
Lime	-----	2560 to 2570	feet
Lime	-----	2570 to 2605	feet
Sandy Lime	-----	2605 to 2615	feet
Shale	-----	2615 to 2620	feet (Showing Gas & Oil)
Lime	-----	2620 to 2645	feet (Two B. water per hour)
Shale	-----	2645 to 2665	feet
Lime	-----	2665 to 2668	feet
Lime	-----	2668 to 2690	feet
Sandy Shale	-----	2690 to 2715	feet
Lime	-----	2715 to 2725	feet
Blue Shale	-----	2725 to 2730	feet
Lime	-----	2730 to 2745	feet
Lime	-----	2745 to 2810	feet
Lime	-----	2810 to 2845	feet
Lime	-----	2845 to 2855	feet
Sandy Shale	-----	2855 to 2890	feet (Showing Gas & Oil)
Lime (hard)	-----	2890 to 2920	feet
Sandy Shale	-----	2920 to 2930	feet
Sandy Lime	-----	2930 to 2950	feet (Gas)
Shale	-----	2950 to 2955	feet
Lime	-----	2955 to 2965	feet
Lime	-----	2965 to 2990	feet
Shale & Shells	-----	2990 to 3020	feet (Some gas & Rainbow of oil)
Shale & Shells	-----	3020 to 3065	feet (Set 8 $\frac{1}{2}$ inch pipe)
Lime	-----	3065 to 3070	feet
Broken Lime & Shale	-----	3070 to 3100	feet (Helium Gas)
Lime	-----	3100 to 3140	feet
Lime & Shale	-----	3140 to 3160	feet
Lime	-----	3160 to 3170	feet
Shale	-----	3170 to 3180	feet
Lime	-----	3180 to 3210	feet
Brown Shale	-----	3210 to 3220	feet (Gas)
Lime	-----	3220 to 3250	feet (Two B. water per hour)
Lime	-----	3250 to 3260	feet
Shale	-----	3260 to 3270	feet
Broken Lime & Shale	-----	3270 to 3300	feet
Broken Lime & Shale	-----	3300 to 3360	feet
Broken Lime	-----	3360 to 3400	feet
Broken Lime	-----	3400 to 3405	feet
Shale Red	-----	3405 to 3415	feet
Broken Lime	-----	3415 to 3435	feet (Gas)
Slate Blue	-----	3435 to 3475	feet

I, C. M. Hatch, the drilling contractor, who is now drilling the well in the center of Northwest one-fourth of Section 21, Township 25 S., Range 24 W. of 6th P. M. in Ford County, Kansas, known as Taylor well No. 1, do hereby certify that I am now, and have at all times since the commencement of said well, been in full charge of said drilling operation and have full knowledge concerning all the facts connected therewith, and that the foregoing log of said well is a true and correct statement of the matters therein set forth.

Dated this the 6th day of June, 1930.

C. M. Hatch
Drilling Contractor.