

LOG OF WELL

Company **Carter Oil Co.** Farm **J. S. Hays** Well No. **1**
 State **Kansas** County **Butler** S. **15** T. **27** R. **3E**
 Commenced Drilling **4-1-18** Completed **7-22-18** Elev. _____
 Shot _____ Qts. from _____ to _____ I. P. _____ R. P. _____
 Casing: **20' 90"** Casing: **405' 15 1/2"** Casing: **1068' 9" 1 1/2"**
 Casing: **1071' 10"** Casing: **2516' 8"** Casing: **2988' 6" 6-5/8"**
 Tubing _____ Caged at _____ Packer at _____

lime	25		lime	1150
rock	90		slate	1198
mud	114		lime	1198
lime	137		slate	1218
lime rock	163		lime	1230
lime	163	gas	lime	1245
rock	205	gas	rock	1250
lime	230		lime	1255
mud	255		slate	1290
lime	300		lime	1300
rock	340		slate	1345
lime	500		lime	1360
slate	505		sand	1400
lime	510		slate	1410
slate	535		sand	1436
lime	550		slate	1440
slate	560		lime	1450
lime	603		slate	1505
slate	600		lime	1510
lime	610		slate	1525
slate	630		lime	1545
lime	640		slate	1625
slate	695		lime	1630
lime	710		slate	1650
lime	780		sand	1655
slate	800		lime	1660
lime	835		sand	1680
slate	850		slate	1685
lime	880		sand	1694
slate	890		lime	1735
lime	900		sand	1770
slate	910		lime	1775
lime	945		slate	1780
slate	950		shale	1810
lime	955		lime	1815
slate	980		sand	1835
rock	988		shale	1900
slate	977		lime	1908
sand	982		slate	1998
slate	1005		sand	1930
sand	1020		shale	1985
slate	1062	water	slate	2060
sand	1115		lime	2060
slate	1143			

1285

water

1920

J. S. Hays Well No. 1.
Butler County, Kansas

Pl.

lime	25	sand	1770
rock	90	lime	1775
mud	114	slate	1780
lime	137	shale	1810
rock	163	lime	1815
lime gas	183	sand	1835
rock gas	205	shale	1900
lime	230	lime	1908
mud	255	slate	1920
lime	280	sand	1930
rock	340	shale	1995
lime	500	slate	2060
slate	505	lime	2080
lime	510	sand	2130
slate	535	lime	2145
lime	550	sand	2155
slate	560	shale	2185
lime	563	sand	2235
slate	600	shale	2245
lime	610	slate	2255
slate	630	shale	2265
lime	640	slate	2275
slate	695	shale	2285
lime	710	slate	2295
lime	780	shale	2305
slate	800	slate	2310
lime	835	sand	2438
slate	850	lime	2453
lime	880	sand	2459
slate	890	slate	2463
lime	900	sand	2468
slate	910	slate	water @ 2453'
lime	945	shale	2480
slate	950	lime	2510
lime	955	slate	2520
slate	960	shell	2550
rock	968	shale	2553
slate	977	shale	2570
sand	982	slate	2600
slate	1005	shale	2644
sand	1020	lime	2660
slate	1062	slate	2675
sand	1115	lime	2775
slate	1143	slate	2815
lime	1150	lime	2822
slate	1193	lime	2825
lime	1196	slate	2850
slate	1215	lime	2868
lime	1230	slate	2872
lime	1245	lime	2880
rock	2150	slate	2880
lime	1285	slate	2890
slate	1290	lime	2912
lime	1300	slate	2920
slate	1345	slate	2925
lime	1360	lime	2932
sand	1400	slate	2945
slate	1410	lime	2960
sand	1436	slate	2965
slate	1440	lime	2970
lime	1450	slate	2970
slate	1505	slate	2988
lime	1510	lime	2993
slate	1525	slate	2993
lime	1545	shell	3036
slate	1625	lime	3037
lime	1630	gas & oil	3073
slate	1650	sand	3076
sand	1655		3082
lime	1660		3085
sand	1680		3085
slate	1685		
sand	1694		
lime	1735		

Carter Oil Co.

Drilling commenced 4-1-18
Drilling completed 7-22-18

Casing Record	20"	20"		
15 1/2"	405'	12 1/2"	1068' 9"	
10"	1071'	8"	2515'	

6 5/8" 2988' 6"