

# WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

719-720 Union National Bank Bldg., Wichita, Kansas

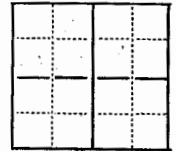
CASING RECORD

LOCATION NW NW NW

SEC 14 T 12 R 16W.

10" 1685 FARM Smith NO. 1 COUNTY Ellis  
 20" 40 8 1-4 2660 COMPANY Davis and Aylward.  
 15 1-2 385 6 5-8 3175 CONTRACTOR  
 12 1-2 1046 5 3-16 3370 COMMENCED 8-22-24

COMPLETED



TOTAL DEPTH SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

FIGURES INDICATE BOTTOM OF FORMATIONS

ELEVATION

INITIAL PRODUCTION

REMARKS

formation	Depth	Formation	Depth	Formation	Depth.
sand	20	slate	1092	lime and slate	2208
slate	155	red rock	1210	red rock	2125? <del>2125</del>
slate and shells	240	slate	1250	lime and slate	2208
slate	255	red rock	1350	red rock	2225
water sand	265	slate	1395	lime and slate	2385
slate	300	red rock	1400	lime	2410
red rock	345	slate	1415	lime and slate	2595
slate	373	slate	1642	water sand 4BW	2600
water sand HFW	385	slate	1652	lime and slate	2619
red rock	395	lime shells	1454??	lime 2BW 2640	2675
slate	410	slate	1670	lime and slate	2770
red rock	425	lime shells	1673	sand 13BW 2680	2785
slate	430	slate&shells	1685	lime and slate	2800
water sand HFW 430	440	slate	1695	show og oil	2800
slate	458	lime	1703	sdv limestone	2920
sand stone	498	slate	1709	sdv limestone	2920
iron	519	lime	1714	lime show oil	2925
slate	524	slate	1725	lime	2968
rion	529	lime	1728	slate	2980
lime	539	slate	1737	brkn lime	2990
sand	541	lime	1842	sand	3015
slate	560	slate	1760	slate and lime	3111
lime	564	lime	1770	brown shale	3116
sand	597	slate	1780	slate	3131
iron	605	red rock	1795	sand HFW 3143	3134
slate	615	slate	1805	lime and slate	3215
sand	625	sand	1825	lime	3245
slate	670	slate	1840	slate	3250
lime	675	lime	1880	lime	3289
iron	694	red rock	1925	slate	3296
red rock	709	lime	1930	lime	3305
<del>red</del> lime	714	slate	1958	slate	3310
red rock	725	lime	1995	lime	3389
lime	724 <sup>9</sup>	slate	2005	slate	3391
red rock 2BW 880	885	lime	2035	sand	3393
white sand 15BW	920	red rock	2045	lime	3400
red rock	940	lime	2067	sand show oil	3405
white sand	955	slate	2080	lime	3410
red rock	984	lime	2090	sdv lime HFW pulled	
lime	1009	slate	2094	pipe and abd and plugged	
red rock	1052	lime and slate	2117		3455
lime	1089	red rock	2125		

Elevation 1899' P.L. Med: L.R.

Printed

14-12-16

*new run*

Wm. E. Smith Lease Commenced 8-22-1924 Drilling completed 3-3-1925  
 Log of Well Number one, 14-12-16, Ellis County, Kansas  
 Operators: Davis-Hazlett, et. al. **Davis & Aylward**  
 Contractors: Davis & Aylward

Soil		20	Salt	227	1642
Slate	135	155	Slate	10	1652
Slate and shells	20	175	Lime shell	2	1654
Slate	65	240	Slate	16	1670
Water sand	5	245	Lime shell	4	1674
Slate	10	255	Slate and shells	11	1685
Water sand	10	265	Slate	10	1695
Slate	35	300	Lime	8	1703
Red rock	45	345	Slate	6	1709
Slate	28	373	Lime	5	1714
Hole full water at 375'.			Slate	11	1725
Water sand	12	385	Lime	3	1728
Red rock	10	395	Slate	9	1732
Slate	15	410	Lime	5	1742
Red rock	15	425	Slate	18	1760
Slate	5	430	Lime	10	1770
Water sand	10	440	Slate	10	1780
Hole full water at 430'.			Red rock	15	1795
Slate	18	458	Slate	10	1805
Sand	40	498	Lime	20	1825
Iron	21	519	Slate	15	1840
Slate	5	524	Lime	40	1860
Iron	5	529	Red rock	35	1915
Sand	10	539	Lime	15	1930
Lime	2	541	Slate	28	1958
Slate	19	560	Lime	37	1995
Lime	4	564	Slate	10	2005
Slate	33	597	Lime	30	2035
Iron	8	605	Red rock	10	2045
Slate	10	615	Lime	22	2067
Sand	10	625	Slate	13	2080
Slate	45	670	Lime	10	2090
Lime	5	675	Slate	4	2094
Iron	19	694	Lime	16	2110
Red rock	15	709	Slate	7	2117
Lime	5	714	Red rock	8	2125
Red rock	11	725	Lime	10	2135
Lime	4	729	Slate	3	2138
Red rock	156	885	Lime	5	2143
2 bailers water at 850'.			Slate	4	2147
Water sand	35	920	Lime	10	2157
Red rock	20	940	Slate	3	2160
Water sand	10	950	Lime	5	2165
Red rock	34	984	Slate	4	2169
Lime	25	1009	Lime	3	2172
Red rock	43	1052	Slate	5	2177
Lime	37	1089	Lime	4	2181
Slate	3	1092	Slate	5	2186
Red rock	118	1210	Lime	6	2192
Slate	40	1250	Slate	4	2196
Red rock	100	1350	Lime	4	2200
Slate	45	1395	Slate	8	2208
Red rock	5	1400	Red rock	57	2265
Slate	15	1415	Lime	31	2296

Wm. E. Smith #1, 14-12-16 Ellis County, Ks.

Slate	74	2370
Lime	10	2380
Slate	5	2385
Lime	25	2410
Slate	5	2415
Lime	5	2420
Slate	30	2450
Lime	5	2455
Slate	45	2500
Lime	20	2520
Slate	25	2545
Lime	4	2549
Slate	46	2595
Water sand	5	2600
4 bailers water at 2595'		
Slate	10	2610
Lime	4	2614
Slate	5	2619
Lime	56	2675
2 bailers water at 2640'		
Slate	10	2685
Lime	13	2698
Slate	7	2705
Lime	10	2715
Slate	3	2718
Lime	3	2721
Slate	5	2726
Lime	5	2731
Slate	6	2737
Lime	13	2750
Slate	20	2770
Water sand	15	2785
13 bailers water at 2780'		
Slate	19	2804
Hole full water at 2785'		
Lime	5	2809
Slate	10	2819
Lime	6	2825
Slate	5	2830
Lime	22	2852
Show of oil at 2850'		
Slate	12	2864
Lime	21	2885
Sandy lime	15	2900
Lime	20	2920
Sand	3	2923
Lime	45	2958
Slate	12	2980
Broken lime	10	2990
Lime	25	3015
Slate	10	3025
Lime	45	3070
Slate	25	3095
Lime	7	3102
Slate	5	3107
Lime shell	4	3111
Shale	5	3116
Water sand	18	3134

Lime	41	3175
Slate	3	3178
Lime	17	3195
Slate	10	3205
Lime	40	3245
Slate	5	3250
Lime	39	3289
Ten barrel show of oil at 3285'		
Slate	7	3296
Lime	9	3305
Slate	5	3310
Lime	79	3389
Slate	2	3391
Show of oil - small - at 3391'		
Sand	2	3393
Lime	7	3400
Ten barrel show of oil at 3400'		
Sand	3405	
Lime	3	3408
Sand	4	3412
Fifteen barrel show of oil at 3410'		
Lime	17	3429
Sand	12	3441
Hole full water at 3437'		
Lime	14	3455

Casing record

20"	40'
15 $\frac{1}{2}$ "	385
12 $\frac{1}{2}$ "	1040
10"	1685
8 $\frac{1}{4}$ "	2660
6 5/8"	3144
5 3/16"	3385

Show of oil

Hole full water.