

Location - NW Cor. SW 1/4 Sec. 15-31-19N
Rock County, Kansas.

Company - A. E. Sealey, J. H. Bruney &
Twin Drilling Company.

Comm. - May 31, 1934

Completed Aug. 23rd, 1934

Total Depth - 3227'

Contractor - Twin Drilling Company

casing record - 15" - 748'
12" - 1442'
10" - 2026'

8 1/2" - 2735'
6 1/2" - 3165'
70' of 5 3/16" liner set at 3227'

Formation	Depth	Formation	Depth
Clay	35	Shale	1080
Slate	90	Sand	1095
Slate	140	Lime	1087
Slate	195	(also little iron with it)	
	235		
Slate	275	Shale	1100
Slate	335	Shale	1105
Slate	370	Sand	1115
Slate	440	Quick Sand	1115
Slate	460	Shale	1127
Slate	505	Shale	1140
Slate	525	Shale	1155
Shale, sandy	540	Shale	1165
Slate	555	Red Rock	1175
Shale, sandy	560	Shale	1200
Shale, sandy	610	Shale	1215
Slate	630	Shale	1224
Slate	645	Red Rock	1242
Slate	660	Shale	1257
Sand	670	Red Rock	1275
Sand	710	Red Rock	1285
Slate	720	Shale	1300
Lime, hard	730	Shale	1320
Slate	740	Shale	1340
Lime	755	Red Rock	1365
Sand	750	Red Rock	1392
Sand	775	Shale	1412
Slate	800	Red Rock	1425
Iron	805	Lime	1442
Lime, hard	815	Red Rock	1445
Slate	825	Lime	1451
Slate	835	Lime, hard	1473
Slate	845	Lime, hard	1485
Slate	850	Shale	1495
Lime & Iron	855	Shale	1542
Lime & Iron	865	Shale	1550
Slate & Iron	866	Shale	1560
Slate & Iron	875	Shale	1597
Slate	880	Shale	1605
Lime & Iron	882	Shale	1630
Shale	895	Shale, sandy	1705
Lime & Iron	900	Sand shale	1725
Lime, hard	905	Salt	1745
Lime, hard	912	Shale	1752
Slate	930	Slate	1772
Sand	935	Slate	1780
Shale, dark	945	Slate & salt	1800
Sand	945	Blue slate & salt	1815
Sand	990	Slate	1824
Sand	1020	Slate	1844
Sand	1015	Lime shells	1845
Sand	1020	Slate	1850
Quick Sand	1025	Slate	1864
Sand	1040	Slate	1885
Sand	1045	Slate & Gyp. shells	1895
Sand	1075	Slate	1910
Shale	1075		

PLUGGING
15 8 1934
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15-163-19146-00-00

DAUGHTY #1 WELL - 34 Cor. NW 34 Sec. 15-8-19W
Reeder County, Kansas.

Formation		Depth	Formation		Depth
Slate	Blue	1945	Shale & Shells		2690
Slate	Blue	1948	Slate	Blue	2700
Slate	Blue	1949	Lime		2712
Lime		1945			(2710 RFW)
Slate	Blue	1950	Lime, broken		2718
Lime, hard		1957	Shale	Blue	2730
Lime, hard		1959	Lime		2755
Lime, hard		1964	Lime		2730
Shale		1968	Shale	Blue	2758
Slate	Blue	1979	Lime shells		2773
Lime	Brown	1987	Lime		2787
Shale	Blue	1994	Shale	Blue	2800
Lime	Brown	2000	Lime		2810
Red Rock & Shells		2012	Lime		2828
Lime, soft		2015	Lime		2830
Lime, hard		2019	Lime, hard		2855
Shale	Blue	2023	Red Rock		2842
Lime, hard		2026	Lime, hard		2847
Lime, hard		2035	Lime		2854
Lime, soft		2038	Shale, sandy		2858
Lime, broken		2045	Slate		2861
Lime, hard	White	2050	Lime, sandy		2874
Red Rock		2053	Lime, hard	White	2876
Red Rock		2061	Lime		2879
Shale	Red	2085	Shale		2894
Shale & Shells		2102	Shale	Blue	2908
Lime		2130	Lime, broken		2940
Lime		2150	Lime shells		2950
Slate	Blue	2155	Lime, broken		2980
Lime	Blue	2168	Lime, broken		3002
Lime	Blue	2170	Lime		3020
Shale	Red	2195	Lime		3041
Lime		2208	Lime		3044
Lime		2215	Slate	Blue	3050
Shale	Red	2230	Lime	White	3052
Lime		2240	Red Rock		3064
Lime, broken		2255	Lime	White	3066
Shale	Red	2277	Lime		3070
Lime, broken		2285	Lime		3080
Red Rock		2298	Shale	Brown	3085
Lime, broken		2310	Shale	Blue	3092
Lime, broken		2325	Lime		3110
Shale		2350	Lime, hard		3125
Lime, broken		2378	Lime		3130
Lime		2395	Lime		3152
Shale	Red	2400	Lime		3155
Shale & Shells		2430	Lime		3141
Shale & Lime Shells		2440	Lime		3147
Shale & Lime Shells		2455	Lime, hard	Grey	3148
Lime, broken		2468	Shale	Black	3149
Lime		2469	Lime, hard		3155
Lime		2477	Shale	Blue	3162
Shale		2481	Shale	Brown	3168
Slate	Blue	2485	Lime		3168
Lime		2505	Lime		3172
Slate	Blue	2512	SHOW OIL FROM 3170' to 3172'		
Shale & Shells		2517	Lime		3177
Lime, hard	White	2542	Shale		3182
Lime		2572	Lime, hard		3185
Lime		2600	Lime		3200
Shale	Light	2607	Lime		3210
Slate	Light	2612	Lime, broken		3215
Red Rock		2620			3225
Lime		2630	Lime		3227
Lime		2635			
Slate	Blue	2645			
Slate & Shells		2654			
Lime Shells		2675			

I hereby certify that this is a true and correct copy of the original Well log of Daugherty #1, located on the above described land.

THEIR DRILLING COMPANY,
BY *[Signature]* Geo.