

Center SW $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 6, T15S, R13W

Russell County, Kansas

(Surface Elevation 1837') D. F. 1837 L 2 S

H. H. Blair Drilling Company -- Cable Tools

Date	Drilled		Formation	Remarks
	From	To		
Feb. 12	9	20	Post Rock	
13	20	65	Blue Shale	
14	65	100	" "	
	100	125	" "	
	125	140	Light "	
	140	145	Dark "	
	145	180	Light "	
	180	190	Red Rock	
15	190	195	" "	
	195	230	Blue Shale	
	230	240	Red Rock	
	240	298	" "	
	298	310	Blue Shale	Hole crooked.
16	310	320	" "	
	320	325	Sand	Bailer water 320'-325'.
	325	344	Shale	Reduced hole 344'.
	344	360	" "	
17	360	400	Blue Shale	
	400	415	Sand	Five bailers water per hour.
18	415	442	Shale	
	442	451	Sand	Increase water to eight bailers.
	451	471	Red Rock	Ran 12 $\frac{1}{2}$ " casing at 471'.
19-24				
Inc'l.	471			Working on drilling rig.
25	471	505	Red Rock	
26	505	630	" "	
27	630	705	" "	Hole crooked -- re-drilling.
28	705			" " "
March 1	705			" " "
2	705			" " "
3	705			" " "
4	705	710	Red Rock	Hole 2% off vertical.
5	710	790	" "	
6	790	821	" "	
	821	828	Anhydrite	Ready to run 10" casing.
7	828			10" casing set at 828'.
	828	835	Anhydrite	
	835	850	Lime	
8	850	860	Anhydrite	
	860	965	Red Rock	Hole straight and good condition.
9	965	1025	" "	
	1025	1045	Blue Shale	
	1045	1063	Broken Lime	
	1063	1070	Blue Shale	
	1070	1090	Red Rock	
10	1090	1115	" "	
	1115	1185	Blue Shale	
	1185	1205	Broken Lime	

<u>Date</u>	<u>Drilled</u>		<u>Formation</u>	<u>Remarks</u>
	<u>From</u>	<u>To</u>		
10	1205	1215	Shale	
	1215	1225	Lime	
	1225	1230	Salt	
11	1230	1325	"	
12	1325	1465	"	
13	1465	1500	"	
	1500	1515	Lime and Shale	
	1515	1545	Shells and Shale	
	1545	1565	Lime	Bit stuck in hole.
	1565	1590	"	
14	1590	1605	Shale	
	1605	1615	Lime	
	1615	1625	Lime and Shale	
	1625	1635	Lime	
15	1635	1675	Shale	
	1675	1685	Lime	
	1685	1700	Lime	
	1700	1725	Lime and Shale	
	1725	1735	Lime	
16	1735	1760	Shale, Red Rock and Lime	
	1760	1780	Lime	
	1780	1797	Shale	
	1797	1845	Lime	

W. M. PECK #1 C. N. PECK ESTATE

6-15-13w

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 Russell County, Kansas  
 (Surface Elevation 1837')

H. H. Blair Drilling Company - - Cable Tools

<u>Date</u>	<u>Drilled</u>		<u>Formation</u>	<u>Remarks</u>
	<u>From</u>	<u>To</u>		
March 16	1845		Lime	
17	1845	1865	"	
	1865	1875	Sand	1/2 bailer water 1865-1875.
	1875	1890	Shale	
	1890	1920	Lime	
	1920	1925	Shale	
	1925	1935	Lime	
	1935	1950	Lime (Hard)	
	1950	1955	Shale	
18	1955	1965	"	
	1965	1970	Lime	
	1970	1975	Shale	
	1975	2015	Lime	
19	2015	2065	"	
	2065	2070	Red Rock	
	2070	2090	Lime	
20	2090	2160	"	
	2160	2163	Shale	
	2163	2165	Lime	
21	2165	2170	"	
	2170	2175	Red Rock	
	2175	2195	Lime	
22	2195			Ran 8 $\frac{1}{4}$ " casing.
	2195	2200	Lime	Cleaning out.
	2200	2220	Shale	Bailed hole dry.
23	2220	2230	"	
	2230	2240	Lime	
	2240	2270	Shale	
	2270	2275	Lime	
	2275	2290	Shale	
	2290	2293	Lime Shell	
	2293	2300	Shale	
	2300	2320	Lime	
	2320	2325	Shale	
24	2325	2335	"	
	2335	2340	Lime	
	2340	2345	Shale	
	2345	2355	Lime	
	2355			under
				Started/reaming hole from 2195'.
				Under reaming hole.
25	2355			Under reaming hole to carry 8 $\frac{1}{4}$ " casing down.
26	2355			Under reaming hole to 2277.11'.
27	2355			Under reaming hole to 2307.89'.