

Logbook Form
Well No. 1

State of Kansas
Allen County
Southeast Quarter of Southwest Quarter of Section 16-26-18
Distance from south line, 150 feet.
Distance from east line, 1010 feet.
Commenced spudding May 27, 1957
Finished drilling June 4, 1957

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>	<u>Remarks</u>	
3	Soil	3	20 ft. of 8 1/2" Drive Pipe	
9	Clay	12		
5	Gravel	17		
15	Lime	32		
20	Shale	52		
4	Lime	56		
6	Shale	63		
4	Lime	66		
54	Shale	120		
71	Lime	191		
5	Black Shale	196		Water.
2	Black Slate	198		
56	Lime	254		
3	Black shale	257		6 5/8" pipe set at 300'
34	Lime	291		
6	Black Shale	397		
70	Light Shale	367		
13	Sand	382		
18	Shale	410	30 ft.	
30	Lime	440		
10	Shale	450	40 ft.	
15	Sand	465		
47	Shale	512		
37	Lime	549		
5	Shale	554		
5	Sand	559		
36	Shale	595		
18	Lime	603		
3	Black Slate	607		Water.
5	Lime	612		5 ft.
40	Shale	652	SLM at 652'.	
4	Oil Sand	656	Show.	
4	Broken Sand	660	Show.	
100	Shale	760	SLM at 775'.	
10	Sandy Shale	770		
5	Oil Sand	775	Real Good Show. (perforate)	
4	Oil Sand	779	Real Good Show. (770'-777')	
21	Dark shale	800	Poor Sand.	
4.5	Oil Sand	804.5		
3.5	Oil Sand	808		
4	Oil Sand	812		
5	Sandy Dark Shale	817		
6.5	Broken Sand	823.5	Dry	
Total depth		823.5'		

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plug back to 780' with cement approximately 7 sacks of cement.

- 1 - 6 1/2" Clayton Packer set at 769'
- 1 - 2" Sealing Nipple set at 771'
- 1 - 2" Casing set at 772'
- 15 Sacks of Cement run on speaker.

-Material used in hole-

- 8 1/2" Drive Pipe
- 2" Tubing 823'
- 1" Tubing 820'
- 1 - 6 1/2" Clayton Packer
- 1 - 2" Casing
- 1 - 2" Sealing Nipple
- 1 - 2" Perforation
- 2 - 2" Working Barrel