

Squire Farm  
Well No. 48

State of Kansas  
Allen County  
Section 16-26-18  
Northwest Quarter Southeast Quarter  
180' from West Line  
970' from North Line  
Commenced Spudding September 1, 1958  
Finished Drilling September 6, 1958

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>	<u>Remarks</u>
3	Soil	3	22" - 8 1/2" Pipe
15	Sandy Clay	18	
17	Lime	35	
7	Shale	42	
5	Lime	47	
13	Shale	60	
18	Lime	78	
38	Shale	116	
87	Lime	203	
3	Black Shale	206	Water
54	Lime	260	
3	Black Shale	263	
32	Lime	295	
117	Shale	412	7" casing set @ 305'
34	Lime	446	
3	Shale	449	
10	Sand	459	
25	Shale	484	
16	Sand	500	
18	Shale	518	
45	Lime	563	40' 10
28	Shale	591	
17	Lime	608	20'
4	Black Shale	612	
5	Lime	617	S.L.M. 612' - Hole correct
48	Shale	665	
10	Sandy Shale	675	
38	Shale	713	
3	Lime	716	
54	Shale	770	
6 1/2	Dark Sand	776 1/2	
4 1/2	Oil Sand	781	Showing - Broken Course Sand
6	Oil Sand	787	Good Show - Dark Course Sand
1	Shale	788	
	Total Depth	786	S.L.M. @ 786'

1-6 1/2" Clayton Packer set @ 776 1/2'  
1-2" Seating Nipple set @ 770 1/2'  
20 sacks cement run on packer

Material Used in Hole

8 1/2" Drive Pipe 22'  
2" Tubing 788'  
1" Tubing 783'  
1-6 1/2" Clayton Packer  
1-2" Seating Nipple  
1-2" Casing  
1-2" Perforation  
1-2" Working Barrel