

Pens Farm
Water Well No. 42 I-10

21-26-18E

State of Kansas
Allen County
Northwest Quarter of Northeast Quarter
Section 21-26-18
955' from North Line of Quarter Section
515' from West Line of Quarter Section
Commenced Spudding September 8, 1959
Finished Drilling September 13, 1959

I-10

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>	<u>Remarks</u>
6	Soil	6	
12	Clay	18	
4	Gravel	22	
2	Lime	24	
6	Shale	30	26' of 8" drive pipe
30	Lime	60	
45	Shale	105	
80	Lime	185	
6	Shale	191	Water
24	Lime	215	
5	Shale	220	
30	Lime	250	
3	Shale Blk	253	
32	Lime	285	
82	Shale	367	Set 7" 300
5	Lime	372	
33	Shale	405	
25	Lime	430	30"
4	Shale	434	
9	Lime	443	
76	Shale	519	
37	Lime	556	40"
30	Shale Blk	586	Water 2 ballers per hour
14	Lime	600	20'
7	Slate	607	
5	Lime	612	5' S.L.M. @ 612'
6	Shale	618	
10	Sand	628	
79	Shale	707	
2	Lime	709	
56	Shale	765	
4.5	Broken Sand	769.5	S.L.M. @ 769.5'
5	Oil Sand	774.5	Oil Showing - Coarse Broken Sand
3	Oil Sand	777.5	Oil Showing - Fine Broken Sand
3.5	Oil Sand	781	Oil Showing - Dark Sand
	Total Depth	781	

1-6 1/2" Clayton Packer set @ 769'
1-2" Seating Nipple set @ 766'
15 sacks cement run on packer

Material Used in Hole-

26' of 8" drive pipe
783' of 2" tubing
778' of 1" tubing
1-6 1/2" Clayton Packer
1-2" Cage
1-2" Perforation
1-2" Working Barrel
1-2" Seating Nipple