Lone Jack Oil Company
Blue Mound, KS
1-913-756-2307 1-620-363-0492

Lease: _____Margrave_____ Operator: _____D & T Oil_____ API # _15-011-24475-00-00_____
Contractor: Lone Jack Oil Company Date Started: _____9/18/14____ Date Completed: _____9/24/14___
Total Depth: _____722 feet_____ Well # _____4-14_____ Hole Size: _____5 5/8_____
Surface Pipe: _____20' 7"_ Surface Bit: _____9 7/8_____ Sacks of Cement: _____5_____
Depth of Seat Nipple: _____ Rag Packer At: _____
Length and Size of Casing: ____710' 2 7/8_____ Sacks of Cement: _____95_____
Legal Description: __SW SW NE NE_ Sec: __2__ Twp: __24S__ Range: __21E__ County: ___Bourbon_

Thickness	**Depth**	**Type of Formation**	**Core Thickness**	**Depth**	**Time**
1	1	Top Soil	1	672-673	2:39 Oil Sand
7	8	Clay and Sand Stone	2	673-674	2:48 Oil Sand
3	11	Sand Stone	3	674-675	3:12 Oil Sand
4	15	Clay	4	675-676	1:46 Oil Sand
55	70	Lime	5	676-677	4:04 Shale
4	74	Shale	6	677-678	4:32 Shale
4	78	Lime	7	678-679	3:49 678 ½ Oil Sand
7	85	Shale	8	679-680	2:38 Oil Sand
19	104	Lime	9	680-681	1:18 680 ½ Oil Sand
4	108	Shale	10	681-682	1:14 Black Sand
7	115	Lime	11	682-683	2:58 Black Sand
4	119	Shale	12	683-684	4:58 Shale
17	136	Lime	13	684-685	5:41 Shale
174	310	Shale	14	685-686	5:16 Shale
10	320	Lime	15	686-687	5:35 Shale
69	389	Shale	16	687-688	6:14 Shale
20	409	Lime	17	688-689	7:14 Shale
4	413	Shale			
5	418	Lime			
42	460	Shale			
20	480	Lime			
7	487	Shale			
5	492	Lime			
73	565	Shale			
2	567	Lime			
102	669	Shale			
1	670	Sand Shale Slight Odor (Little Bleed)			
2	672	Oil Sand (Good Core)			
17	689	Ran Core			
33	722	Shale			
	722	TD			