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

Lease: Brown Operator: DA Energy LLC API # 15-121-31453-00-00
Contractor: Lone Jack Oil Company Date Started: 3/6/18 Date Completed: 3/9/18
Total Depth: 508 feet Well # E-12 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: 498' 2 7/8 Sacks of Cement: 60
Legal Description: NW SE SE SW Sec: 20 Twp: 17S Range: 22E County: Miami

Thickness	Depth	Type of Formation	Thickness	Depth	Type of Formation
1	1	Top Soil			
13	14	Clay			
3	17	Lime			
8	25	Shale			
15	40	Lime			
102	142	Shale			
19	161	Lime			
22	183	Shale			
5	188	Lime			
43	231	Shale			
15	246	Lime			
9	255	Shale			
29	284	Lime			
6	390	Shale			
22	312	Lime			
5	317	Shale			
13	330	Lime			
135	465	Shale			
1	466	Oil Sand (Shaley)			
6	472	Oil Sand (Good Bleed)			
2	474	Lime			
2	476	Oil Sand			
10	486	Shale			
16	502	Lime			
6	508	Shale			
	508	TD			