

Lease: *Pag* Well #: *I 34* API #: *15-011-24534-00-00* County:  
 Owner: Operator #:  
 Sec: *18* Tsp: *25* R: *22 E* Spot Location: *N2-NE-SE*  
 Started: *11-14-2016* Completed: *11-17-2016*  
 Surface: *20' 7"* Cemented: *6 sacks* Hole Size: *10"*  
 Longstring: *683' 2/8* Cemented: *75 sacks* Hole Size: *5 5/8*  
 SN: Packer:  
 Plugged: Bottom Plug: *TD 700'*

TKN	DEP	FORMATION	TKN	DEP	FORMATION
2	2	Top Soil	102	650	Shale
2	4	Clay	2	652	Shale odor
19	23	Lime	2	654	Sandy shale good odor
2	25	Coal	2	656	Oil Sand some shale good Blend
5	30	Lime	8	664	Oil Sand Heavy Blend
7	37	Shale	1	665	Oil Sand Dark Fair Blend
18	55	Lime	3	668	Sandy shale good odor
4	59	Shale	4	672	Dark Oil Sand Fair Blend
1	60	Lime	4	676	Sandy shale odor
7	67	Shale		700	Sandy Shale
2	69	Lime			
6	75	Shale			
1	76	Lime			
35	111	Shale			
4	115	Lime			
100	245	Shale 215			425 - 435 10' 17 feet 1/2" holes
1	246	Lime 216			
2	218	Shale			
7	225	Lime			655 - 664 - 9' 14 feet
47	272	Shale			668 - 672 - 4' 7 feet
1	273	Lime			
45	318	Shale			
20	338	Lime			
35	373	Shale			
2	375	Lime			
10	385	Shale			
13	398	Lime			
9	407	Shale			
4	411	Lime Fast Scott			
7	418	Shale			
6	424	Shale + Dry Sand good odor			
4	428	Oil Sand some shale good Blend			
2	430	Oil Sand Heavy Blend			
6	436	Oil Sand Fair Blend			
2	438	Dry Sand Oil Chips Poor Blend			
50	488	Sandy Shale			
2	490	Lime			
35	525	Shale			
1	526	Lime			
21	547	Shale			
1	548	Lime			