

31.20

Survey 11-08-16 9:30 AM

722' 1170

Lease: *McKinna's* Well #: *M11* API #: *15-011-24552-00-00* County:

Owner: Operator #:

Sec: *14* Tsp: *25* R: *21E* Spot Location:

Started: *11-08-2016* Completed: *11-11-2016*

Surface: *20' 7"* Cemented: *6 sacks* Hole Size: *10"*

Longstring: *723' 2 7/8* Cemented: *80 sacks* Hole Size: *5 5/8"*

SN: Packer:

Plugged: Bottom Plug: *TD 730*

TKN	DEP	FORMATION	TKN	DEP	FORMATION
2	2	Top Soil	1	620	Lime
1	3	Lime	45	665	Shale
1	4	clay	4	669	sandy shale odor
60	64	Lime	10	679	sandy shale no odor
3	67	shale	5	684	Light Sandy Shale no odor
2	69	Lime	2	686	Light Sand good odor
8	77	Shale	4	690	Light Sand some oil poor Blend
2	79	Lime	2	692	oil Sand Fair Blend
2	81	Shale	2	694	oil Sand + Dry Sand Fair Blend
44	127	Lime	6	700	oil Sand good Blend
2	129	Shale	2	702	oil Sand + Gray Sand Fair Blend
19	148	Lime	4	706	Gray Sand some oil
19	167	shale	2	708	Gray Sand + Dark Sand Fair Blend
26	193	Lime some shale	7	715	sandy shale odor
105	298	Shale		730	Sandy Shale
1	299	Lime			
2	301	Shale			
5	306	Lime		730	TD
2	308	Shale			
1	309	Lime			
8	317	Shale			
6	323	Lime			
9	332	Shale			
2	334	Lime			
17	351	Shale			
1	352	Lime			
56	408	Shale			
1	409	Lime			
6	415	Shale			
17	432	Lime			
17	449	Shale			
2	451	Lime			
3	454	Shale			
1	455	Lime			
24	479	Shale			
28	507	Lime			
21	528	Shale			
10	538	Hard Shale			
71	609	Shale			
1	610	Lime			
9	619	Shale			

Perfs 691-701 10' 16 Perfs  
 706-708 2' 4 Perfs  
 1/2" holes