

LEASE NAME: Harbison OPERATOR: Utah oil START DATE: 9 Jan 14
 WELL #: 20KRHO LOCATION: Miami County API #:
 SURFACE PIPE: 7" Ft 20'0 Cement(=bags) 5
 PRODUCTION: PIPE: USED SIZE: 2 7/8 =FI 754.05 TO Baffle set at 722.3

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
13	Soil/clay		13	16	Shale	Black	632
5	Lime		18	6	Lime		638
3	Shale	Black	21	12	Shale		650
6	Shale		27	4	Lime		654
8	Lime		35	2	Shale	Black	656
13	Shale		48	4	Shale	Black	660
20	Lime		68	2	Shale	whit. some smell	662
1	Shale		69	19	Shale		681
5	Lime		74	1	oil Sand	good bleed. CP	682
3	Shale		77	3	Broken sand		685
4	Lime		81	2	oil Sand		687
1	Shale		82	2	Broken sand		689
12	Lime		94	2	oil Sand		691
92	Shale		186	1	Broken sand		692
18	Lime		204	2	oil Sand		694
16	Shale		220	2	Broken sand		696
2	Lime		222	2	oil Sand		698
14	Shale		236	2	Broken sand		700
4	Lime		240	64	Shale	TD	764
36	Shale		276				
16	Lime		292	*	lcore	682-702	*
14	Shale		306	*	Baffle	31.75	*
8	Lime		314				
5	Shale		319			Ronnie	
11	Lime		330				
8	Shale		338				
23	Lime		361				
5	Shale		366				
13	Lime		379				
171	Shale		550				
8	Lime		558				
30	Shale		588				
10	Lime		598				
14	Shale		612				
4	Lime		616				