

LEASE NAME: Harbison OPERATOR: Utahol START DATE: 3 Jun 14
 WELL: NR 16 LOCATION: Miami County API:
 SURFACE PIPE: 7 LT: 200 Cement: bags 6
 PRODUCTION: PIPE: USED SIZE: 2 7/8 = 734-75 740'

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
5	Seal/Clay		5	2	Lime		558
7	Lime		12	2	whit shale		558
6	Black shale		18	1	Lime		559
12	Lime		30	19	Shale		578
2	Shale		32	4	Lime		582
1	Lime		33	7	Shale		589
11	Shale		44	1	Lime		590
22	Lime		66	11	Shale		601
2	Shale		68	3	Lime		604
2	Lime		70	12	Shale		616
2	Shale		72	4	Lime		620
18	Lime		90	14	Shale		634
92	Shale		182	1	Lime		635
14	Lime		196	5	Shale		640
2	Shale		198	3	Lime		643
4	Lime		202	6	Shale	Some smell	649
10	Shale		212	4	whit shale		653
6	Lime		218	1	Shale oil sand	Corepoint	654
12	Shale		230	3	Broken sand		657
2	Lime		232	1/4	Lime		657 1/4
37	Shale		269	4	oil sand		661
15	Lime		284	2	Broken sand		663
14	Shale		298	5	washed cutaway broken sand		668
12	Lime		310	1	gray sand		669
2	Shale		312	5	gray sand		674
12	Lime		324	74	Shale		748
6	Shale		330	7	lime	TD	755
24	Lime		354				
4	Shale		358	*	Corepoint	654-674 *	
4	Lime		362	*	1 core	*	
6	Shale		368			Rannie	
2	Lime		370				
168	Shale		538	*	Bled good throughout TD	*	
10	Lime		548				
6	Shale		554				