

LAST NAME: **Harbison** OPERATOR: **Utahoil**  
 WELL: **KR 1** LOCATION: **Miam. County**  
 SURFACE PIPE: **1" LI 200** CONDUIT: **5/8"**  
 PRODUCTION: **PIPE US3C** SIZE: **2 1/8** = **11 735.50**

START DATE: **8 Jan 14**  
 API:

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
11	Shale/clay		11	4	Lime		630
7	Lime		18	8	Shale		644
6	Shale		24	7	Lime		651
10	Lime		34	2	wt shale		653
4	Shale		38	2	wt shale		655
8	Lime		46	9	Shale		664
1	Shale		47	3	wt shale		667
11	Lime		58	1	wt shale	Corepoint	668
1	Shale		59	12	oil sand	Net Mud Bleed.	680
3	Lime		62	8	gray sand		688
16	Shale		78	26	Shale		714
1	Lime		79	12	Lime		726
7	Shale		86	41	Shale		730
15	Lime		101	4	Lime		734
93	Shale		194	9	Shale		743
16	Lime		210	7	Lime	TD	750
30	Shale		240				
5	Lime		245	*	Corepoint	658-688	*
34	Shale		279	*	Core *	Rennie	
11	Lime		290				
2	Shale		292				
4	Lime		296	*	Not much bleed during core		
14	Shale		310		But Bleed after *		
10	Lime		320				
6	Shale		326				
36	Lime		362				
1	Shale		363				
19	Lime		362				
168	Shale		532				
12	Lime		562				
2	Shale		564				
2	Lime		568				
26	Shale		594				
12	Lime		626				
28	Shale		632				