McPherson Drilling LLC | **Drillers Log** | **McPherson Drilling LLC**

Rig Number: 2	S. 2 T. 28 R. 16E
API No. 15-205-28142	County: Wilson
Elev. 1049'	Location: SE-NW-SE-SW

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Well No: 2-13	Lease Name: Olson Ruby A
Footage Location: 870 ft. from the (N) (S) Line	
1840 ft. from the (E) (W) Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 4/23/13	Geologist:
Date Completed: 4/24/13	Total Depth: 1220'

Casing Record	Surface	Production	Rig Time:
Size Hole:	11"	7 7/8"	
Size Casing:	8 5/8"		
Weight:	23#		
Setting Depth:	23'	Post Rock	
Type Cement:	port		
Sacks:	5		

Gas Tests:
780' Ø
880' Slight Blow
980' Same
Put a little oil on pit from 1105' TO 1115'

Inj water @ 300'

Well Log

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.	
Top Soil	0	4		shale	746	755		coal	1053	1054	
lime	4	14		coal	755	756		Shale	1054	1075	
Shale	14	129		shale	756	761		coal	1075	1076	
lime	129	147		lime	761	782		Shale	1076	1087	
Shale	147	188		Shale	782	800		Oil Sand	1087	1107	
lime	188	252		coal	800	801		coal	1107	1108	
Sand	252	320	wet	Shale	801	816		Oil Sand	1108	1119	
Sand/Shale	320	349		Oswego lime	816	835		Sand/Shale	1119	1132	
lime	349	425		Summit	835	841		water Sand	1132	1147	
Shale	425	428		lime	841	850		Sand/Shale	1147	1178	
coal	428	429		mulkey	850	856		water Sand	1178	1196	
Shale	429	437		lime	856	859		Shale	1196	1215	
Sand	437	462	0 Sho	Shale	859	866		coal	1215	1216	
lime	462	480		Oil Sand	866	880		Shale	1216	1220	TD
Shale	480	494		Sand	880	910	0 Sho				
lime	494	538		coal	910	911					
shale	538	567		Shale	911	925					
lime	567	577		coal	925	926					
shale	577	645		Shale	926	959					
lime	645	661		coal	959	960					
sand shale	661	674		Shale	960	990					
sand	674	691		coal	990	991					
shale	691	719		Shale	991	996					
sand	719	746		Sand	996	1053	0 Sho				