

AFE# D13045

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 2 T. 28 R. 16 E
API No. 16-205-28111	County Wilson
Elev 1044	Location SE-NE-NW-SW

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Well No: 2-4	Lease Name: Olson Ruby A
Footage Location: 1990	ft from the (N) (E) Line
	1300 ft from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 3/14/13	Geologist:
Date Completed: 3/15/13	Total Depth: 1205

Gas Tests:	
855'	Ø
981'	Ø
1081'	Ø
1131'	Slight Blow

Casing Record		Rig Time:
Size Hole:	Surface: 11"	Production: 7 7/8"
Size Casing:	8 5/8"	
Weight:	23 ^{lb}	
Setting Depth:	20.5'	Post Rock
Type Cement:	port	" "
Seals:	5	

In water or 500'			Well Log					
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	4	Sand	670	681	Coal	987	988
lime	4	26	Shale	681	698	Shale	988	994
shale	26	131	coal	698	699	Sand	994	999
lime	131	154	Shale	699	726	Shale	999	1018
shale	154	195	Sand	726	753	coal	1018	1019
lime	195	269	Shale	753	761	Shale	1019	1024
shale	269	291	lime	761	779	Sand/Shale	1024	1052
lime	291	294	Shale	779	795	coal	1052	1053
Sand	294	318	coal	795	796	Shale	1053	1076
Shale	318	357	Shale	796	817	coal	1076	1077
Sand	357	362	Shale	817	831	Shale	1077	1086
lime	362	376	Orange lime	831	838	oil sand	1086	1118
Sand	376	383	Shale	838	848	Sand/Shale	1118	1131
lime	383	437	lime	848	853	coal	1131	1132
Shale	437	449	Shale	853	861	Sand/Shale	1132	1142
Sand	449	477	Shale	861	877	water sand	1142	1177
Shale	477	492	oil sand	877	884	Shale	1177	1198
lime	492	537	Sand	884	913	coal	1198	1199
Shale	537	612	Sand/Shale	913	914	Shale	1199	1205
lime	612	624	coal	914	927			
Sand	624	633	Shale	927	928			
Shale	633	643	coal	928	962			
lime	643	665	coal	962	963			
Shale	665	670	Shale	963	987			