AFE # D13080

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 2 T. 28 R. 16
API No. 15- [illegible]	County: Wilson
Elev. 1055	Location

Operator: Post Rock	
Address: 210 Park AVE ste 2750	
Oklahoma city Ok 73102	
Well No: 2-11	Lease Name: Olson Ruby A
Footage Location: 745	ft. from the (N) (S) Line
2545	ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 4-18-13	Geologist:
Date Completed: 4-19-13	Total Depth: 1220

Casing Record	Surface	Production	Rig Time:
Size Hole:	11	7 7/8	
Size Casing:	8 5/8		
Weight:	20		
Setting Depth:	22	Post Rock	
Type Cement:	Post		
Sacks:	4	Post Rock	

Gas Tests:	
780	
856	
980	

Well Log

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
Soil	0	2		Lime	653	665		shale	979	988
lime	2	18		shale	665	674		coal	988	989
shale	18	132		lime	674	681		shale	989	1001
lime	132	152		shale	681	759		oil sand	1001	1008
shale	152	155		lime	759	783		shale	1008	1029
lime	195	242		shale	783	799		sand	1029	1040
shale	242	250		lime	799	806		sand shale	1040	1059
sand	250	264		shale	806	816		oil sand	1059	1068
sand shale	264	353		coal	816	817		shale	1068	1081
lime	353	431		coal	817	839		sand shale	1081	1096
coal	431	432		sand shale	839	845		oil sand	1096	1109
shale	432	439		lime	845	853		sand	1109	1122
lime	439	454		Avalon	853	861		shale	1132	1199
shale	454	473		lime	861	864		sand	1199	1205
lime	473	481		shale	864	871		shale	1205	1220
shale	481	500		oil sand	871	884				
lime	500	542		sand	884	891				
shale	542	552		shale	891	915				
lime	552	554		coal	915	916				
shale	554	565		shale	916	963				
sand shale	565	572		coal	963	965				
sand	572	582		shale	965	970				
sand shale	582	602		coal	970	971				
shale	602	653		sand	971	979				