McPherson Drilling LLC AFE #D13030 Drillers Log McPherson Drilling LLC

Rig Number: 2	S. 15 T. 28 R. 16 E
API No. 15- 205-28103	County: Wilson
Elev. 1044' 1035'	Location: ~~NE-NW-NE-SE~~ SE-NE-SW-NE

Operator: Post Rock midcontinent Production
Address: Oklahoma Tower 210 Park Ave ste 2750

Well No: 15-6 Lease Name: Wilts & Morris
Footage Location: 1965 ~~2635~~ ft. from the (N) (S) Line
1460 ~~720~~ ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 2/15/13 Geologist:
Date Completed: 2/18/13 Total Depth: 1220'

Gas Tests:	
879'	Slight Blow
981'	Same
1081'	Same

Casing Record	Surface	Production
Size Hole	11"	7 7/8"
Size Casing	8 5/8"	
Weight	23#	
Setting Depth	24	Post Rock
Type Cement	Port	" "
Sacks	5	

Rig Time:

Inj water @ 329'

Well Log

Formation	Top	Btm.	
Top Soil	0	6	
lime	6	7	
shale	7	112	
lime	112	118	
shale	118	219	
lime	219	234	
shale	234	240	
coal	240	242	
shale	242	249	
coal	249	250	
sand	250	306	0%
sand/shale	306	343	
lime	343	399	
sand	399	406	0%
lime	406	432	
sand	432	452	0%
lime	452	485	
shale	485	493	
lime	493	558	
shale	558	585	
sand	585	594	0%
shale	594	605	
lime	605	618	
shale	618	640	

Formation	Top	Btm.	
lime	640	662	
sand	662	724	0%
shale	724	759	
lime	759	778	
shale	778	814	
orange lime	814	834	
summit	834	840	
lime	840	850	
mulkey	850	856	
lime	856	860	
sand/shale	860	929	
lime	929	933	
coal	933	934	
shale	934	967	
coal	967	969	
shale	969	971	
sand	971	980	0%
sand/shale	980	986	
coal	986	987	
sand/shale	987	1025	
coal	1025	1026	
sand/shale	1026	1050	
coal	1050	1051	
sand	1051	1056	0%

Formation	Top	Btm.	
shale	1056	1068	
coal	1068	1069	
shale	1069	1079	
coal	1079	1080	
shale	1080	1088	
oil sand	1088	1136	
sand	1136	1155	0%
sand/shale	1155	1220	TD