

AFE # D13051

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 10 T. 28 R. 16E
API No. 15-205-28115	County Wilson
Elev. 1052'	Location SE-SW-SE-NE

Gas Tests:	
881'	Ø
981'	Ø
1081'	Ø

Operator Post Rock midcontinent Production	
Address Oklahoma Tower 210 Park Ave Ste 2750	
Well No. 10-4	Lease Name Wing mark E
Footage Location	2450 ft. from the (N) (S) Line
	650 ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 3/19/13	Geologist
Date Completed: 3/20/13	Total Depth 1235'

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

Inj water @ 380'			Well Log					
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	3	Sand/shale	735	766	water sand	1163	1235
lime	3	17	lime	766	773			
shale	17	127	coal	773	775			
lime	127	189	lime	775	793			
shale	189	201	shale	793	829			
lime	201	240	coal	829	830			
shale	240	248	orange lime	830	842			
lime	248	352	limestone	842	855			
shale	352	361	lime	855	866			
lime	361	437	marly	866	873			
shale	437	467	lime	873	881			
coal	467	468	oil sand	881	891			
shale	468	474	sand/shale	891	923			
band	474	480	coal	923	924			
lime	480	495	sand/shale	924	929			
shale	495	506	coal	929	930			
lime	506	550	sand/shale	930	949			
shale	550	634	coal	949	950			
lime	634	647	sand/shale	950	990			
shale	647	653	coal	990	991			
lime	653	665	shale	991	1001			
shale	665	669	sand/shale	1001	1078			
lime	669	679	coal	1078	1079			
band	679	735	sand/shale	1079	1163			