

AFE # D13043

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 10 T. 28 R. 19E
API No. 15-133-27643	County: Neosho
Elev. 982'	Location: S2-S2-NW-NE

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 275D	
Well No: 10-4	Lease Name: MTH Mariani L
Footage Location: 1310 ft. from the (N) (S) Line	1980 ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 3/11/13	Geologist:
Date Completed: 3/12/13	Total Depth: 850'

Gas Tests:	
430'	☑
605'	☑
755'	☑

Casing Record		Rig Time:
	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	23#	
Setting Depth:	20	
Type Cement:	port	
Sacks:	5	

Inj water @ 230'			Well Log					
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	3	Sand/Shale	686	697			
lime	3	52	Coal	697	698			
coal	52	54	Shale	698	715			
shale	64	99	oil Sand	715	736			
lime	99	110	Sand/Shale	736	753	water		
shale	110	118	coal	753	754			
sand	118	123	Shale	754	777			
lime	123	148	coal	777	778			
shale	148	162	Shale	778	850	TD		
lime	162	171						
sand	171	175						
lime	175	226						
shale	226	278						
lime	278	289						
shale	289	378						
limy	378	427						
shale	427	469						
lime	469	493						
shale	493	505						
coal	505	506						
shale	506	598						
coal	598	599						
shale	599	677						
oil Sand	677	686						