AFE # D13079

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 2 T. 28 R. 16E
API No. 15-205-28148	County: Wilson
Elev. 1051'	Location: SW - SW - NW - SE

Operator: Post Rock Midcontinent Production	
Address: Chase Tower 210 Park Ave Ste 2750	
Well No: 2-10	Lease Name: Olson, Ruby
Footage Location:	1430 ft. from the (N) (S) Line
	2500 ft. from the (E) (W) Line
Drilling Contractor:	McPherson Drilling LLC
Spud date: 4/22/13	Geologist:
Date Completed: 4/23/13	Total Depth: 1220'

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

Gas Tests:

355'	2 1/4 Blow
981'	Same
1155'	Same

Inj water @ 300'

Well Log

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.	
Top Soil	0	2		Shale	758	763		Shale	1053	1077	
Lime	2	14		Lime	763	785		Coal	1077	1078	
Shale	14	130		Shale	785	795		Shale	1078	1082	
Lime	130	152		Coal	795	796		oil Sand	1082	1153	
Shale	152	189		Shale	796	817		Sand/Shale	1153	1177	
Lime	189	261		Orange Lime	817	830		Coal	1177	1178	
Sand	261	290	wet	Summit	830	838		Sand/Shale	1178	1220	TD
Sand/Shale	290	351		Lime	838	844					
Lime	351	426		mulky	844	849					
Coal	426	429		Lime	849	851					
Shale	429	439		Shale	851	858					
Sand	439	461	0%	oil Sand	858	870					
Lime	461	477		Sand/Shale	870	912					
Shale	477	485		Coal	912	913					
Lime	485	532		Shale	913	925					
Shale	532	563		Coal	925	926					
Lime	563	573		Shale	926	962					
Shale	573	644		Coal	962	963					
Lime	644	669		Shale	963	991					
Sand	669	691	0%	Sand	991	1001	2%				
Shale	691	720		Sand/Shale	1001	1020					
Sand	720	748	0%	Coal	1020	1021					
Shale	748	757		Shale	1021	1052					
Coal	757	758		Coal	1052	1053					