

AFE # D13083

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 2 T. 28 R. 16E
API No. 16-205-28143	County Wilson
Elev 7046'	Location SE-SW-SE-SW

Operator: Post Rock midcontinent Production	
Address Oklahoma Tower 210 Park Ave Ste 2750	
Well No: 2-14	Lease Name: Olson Ruby A
Footage Location	325 ft from the (N) (S) Line
	1825 ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date 5/2/13	Geologist:
Date Completed 5/10/13	Total Depth: 1220'

Casing Record		Rig Time:
Size Hole:	Surface 11" Production 7 7/8"	
Size Casing:	8 5/8"	
Weight:	23 #	
Setting Depth:	46' Post Rock	
Type Cement:	Post	
Sacks:	Service Company	

Gas Tests:	
881'	Slight Odor
981'	Odor
1081'	Odor
Put oil on pit from 1100 To 1115'	

iridium has at 300'

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	6	shale	707	715	Coal	1124	1125
lime	6	16	sand	715	732	Sand/Shale	1125	1157
shale	16	124	Sand/Shale	732	757	Water Sand	1153	1196
lignite	124	142	Coal	757	758	Coal	1196	1197
plastic	142	215	Sand/Shale	758	760	Shale	1197	1220
lime	215	241	lime	760	788			
shale	241	253	Shale	788	816			
sand	252	313	conglomerate	816	835			
shale	313	352	Summit	835	840			
lime	352	432	lime	840	847			
shale	432	437	mulberry	847	856			
lime	437	441	lime	856	858			
sand	441	459	Sand	858	864			
lime	459	483	oil sand	864	879			
shale	483	492	Sand/Shale	879	907			
lime	492	525	Coal	907	908			
sand/shale	535	542	shale	908	991			
sand	542	551	Coal	991	992			
shale	551	611	coal shale	992	1071			
lime	611	636	Coal	1071	1072			
shale	636	649	Shale	1072	1098			
lime	649	659	Coal	1098	1099			
shale	659	690	oil sand	1099	1117			
sand/shale	690	707	Sand/Shale	1117	1124			