AFE # D13088

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 2 T. 28 R. 16E
API No. 15- 205-28146	County Wilson
Elev. 1037'	Location: SE-NW-SW-SW

Operator: Post Rock Midcontinent Production	
Address: Oklahoma Tower 210 Park Ave. Ste 2750	
Well No: 2-18	Lease Name: Olson Ruby A
Footage Location:	915 ft. from the (N) (S) Line
	775 ft. from the (E) (W) Line
Drilling Contractor:	McPherson Drilling LLC
Spud date: 4/27/13	Geologist:
Date Completed: 11/29/13	Total Depth: 1220'

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

Rig Time:

Gas Tests:

858' Slight Blow

Put oil on Pit from 1098' To 1130'

Dry water @ 300'

Well Log

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.	
Top Soil	0	7		Lime	757	778		Sand/Shale	1048	1052	
Lime	7	19		Shale	778	811		Coal	1052	1053	
Shale	19	195		Oswego Lime	811	829		Shale	1053	1077	
Lime	195	149		Summit	829	834		Oil Sand	1077	1127	
Shale	149	274		Lime	834	843		Sand/Shale	1127	1192	
Lime	274	285		Mulky	843	849		Shale	1192	1220	TD
Sand	285	302	wet	Lime	849	852					
Lime	302	319		Shale	852	859					
Shale	319	345		Oil Sand	859	871					
Lime	345	394		Sand	871	903	0%				
Shale	394	399		Coal	903	904					
Lime	399	424		Shale	904	926					
Shale	424	431		Coal	926	927					
Lime	431	438		Shale	927	961					
Sand	438	458	0%	Coal	961	962					
Lime	458	475		Shale	962	965					
Shale	475	487		Sand	965	990	0%				
Lime	487	527		Coal	990	991					
Shale	527	618		Shale	991	1017					
Lime	618	671		Coal	1017	1018					
Sand	671	692	0%	Shale	1018	1022					
sand/shale	692	736		Sand	1022	1030	0%				
sand	736	742		Sand/Shale	1030	1042					
shale	742	757		Oil Sand	1042	1048					