McPherson Drilling LLC | **Drillers Log** | **McPherson Drilling LLC**

Rig Number: 2	S. 27 T. 28 R. 17E
API No. 15- 205-28127	County: Wilson
Elev. 990'	Location: SE-NE-SE-NW

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Well No: 27-7	Lease Name: Hardin B
Footage Location:	1700 ft. from the (N) (S) Line
	2490 ft. from the (E) (W) Line
Drilling Contractor:	McPherson Drilling LLC
Spud date: 3/27/13	Geologist:
Date Completed: 4/1/13	Total Depth: 1030'

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	7 7/8"	
Size Casing:	8 5/8"		
Weight:	23#		
Setting Depth:	21.5'	Post Rock	
Type Cement:	Port	" "	
Sacks:	5		

Gas Tests:	
[redacted]	
730'	0
830'	Slight Blow
930'	Same

Ini water @ 354'

Well Log

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.	
Top Soil	0	2		Coal	465	466		Shale	840	856	
Soil/clay	2	12		Shale	466	469		Coal	856	857	
Shale	12	95		Lime	469	474		Shale	857	868	
Lime	95	106		Shale	474	501		Oil Sand	868	875	
Sand	106	116		Lime	501	512		Sand	875	899	SO SHO
Shale	116	150		Shale	512	525		Oil Sand	899	919	
Lime	150	157		Oil Sand	525	536		Sand/Shale	919	944	
Shale	157	197		Sand/Shale	536	552		Coal	944	945	
Lime	197	201		Shale	552	610		Shale	945	1030	TD
Shale	201	220		Lime	610	639					
Lime	220	244		Shale	639	663					
Shale	244	250		Sand	663	680	SO SHO				
Lime	250	274		Oswego Lime	680	703					
Shale	274	290		Summit	703	708					
Sand	290	315	WS SHO	Lime	708	715					
Coal	315	316		Mulkey	715	719					
Shale	316	322		Lime	719	721					
Lime	322	345		Shale	721	734					
Shale	345	353	wet	Oil Sand	734	753					
Coal	353	354		Sand/Shale	753	764					
Lime	354	377		Shale	764	801					
Shale	377	380		Coal	801	802					
Lime	380	400		Shale	802	839					
Shale	400	465		Coal	839	840					