McPherson Drilling LLC AFE # D13136 **Drillers Log** McPherson Drilling LLC

Rig Number: 2	S. 5 T. 28 R. 17E
API No. 15- 205-28190	County: Wilson
Elev. 983'	Location: NW-NW-SE-NE

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Oklahoma city, Ok 73102	
Well No: 5-7	Lease Name: Carlson, Barry L
Footage Location: 1455 ft. from the (N) (S) Line	
1085 ft. from the (E) (W) Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 8/2/13	Geologist:
Date Completed: 8/5/13	Total Depth: 1100'

Casing Record	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	23#	
Setting Depth:	22'	Post Rock
Type Cement:	Port	" "
Sacks:	6	

Rig Time:

Gas Tests:

705' 0
1006' Slight Blow

Put a Little oil on Pit
From 972' to 990'

Inj water @ 150'

Well Log

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
Top Soil	0	4		Mulkey	692	697				
Shale	4	59		Lime	697	698				
Lime	59	95		Shale	698	717				
Shale	95	105		Oil Sand	717	738				
Sand	105	147	wet	Sand	738	747	SHO			
Shale	147	222		Sand/Shale	747	767				
Lime	222	304		Coal	767	768				
Sand/Shale	304	346		Sand/Shale	768	793				
Lime	346	369		Sand	793	808	SHO			
Shale	369	374		Sand/Shale	808	849				
Lime	374	390		Sand	849	869	SHO			
Shale	390	475		Sand/Shale	869	900				
Lime	475	525		Shale	900	941				
Shale	525	549		Coal	941	942				
Coal	549	550		Shale	942	954				
Shale	550	569		Oil Sand	954	1001				
Sand/Shale	569	602		Sand/Shale	1001	1008				
Lime	602	604		Sand	1008	1027	SHO			
Coal	604	605		Water Sand	1027	1090				
Lime	605	632		Coal	1090	1091				
Shale	632	664		Sand/Shale	1091	1100	TD			
Oswego Lime	664	680								
Summit	680	685								
Lime	685	692								