McPherson Drilling LLC AFE # D13144 **Drillers Log** McPherson Drilling LLC

Rig Number: 2	S. 10 T. 28 R. 16E
API No. 15- 205-28194	County: Wilson
Elev. 1047'	Location: SE-NE-SW-NE

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Oklahoma city OK 73102	
Well No: 10-8	Lease Name: Wing, mark E
Footage Location:	820 ft. from the (N) (S) Line
	1445 ft. from the (E) (W) Line
Drilling Contractor:	McPherson Drilling LLC
Spud date: 7/22/13	Geologist:
Date Completed: 7/23/13	Total Depth: 1220'

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

Gas Tests:
381' Slight Blow
1081' Same
1181 Same
Put oil on Pit From 1009'
TO 1130'

Inj water @ 300'

Well Log

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
Top Soil	0	5		Mulkey	861	865		Sand/Shale	1154	1167
Lime	5	27		Lime	865	867		Water Sand	1167	1193
Shale	27	145		Shale	867	870		Sand/Shale	1193	1220 TD
Lime	145	179		Oil Sand	870	877				
shale	179	257		Sand/Shale	877	915				
Lime	257	276		shale	915	921				
Sand	276	318	wet	Coal	921	922				
Lime	318	321		Shale	922	944				
Shale	321	359		Coal	944	945				
Lime	359	441		Shale	945	975				
Sand	441	470	Odor	Coal	975	976				
Lime	470	546		Shale	976	999				
Shale	546	624		Coal	999	1002				
Lime	624	647		Shale	1000	1012				
shale	647	662		Sand/Shale	1012	1046				
Lime	662	668		Coal	1046	1047				
Shale	668	720		Shale	1047	1076				
sand	720	728	Slight Odor	Coal	1076	1077				
sand shale	728	768		Shale	1077	1088				
Lime	768	790		Coal	1088	1089				
Shale	790	829		Shale	1089	1096				
Oswego Lime	829	847		Oil Sand	1096	1144				
Summit	847	853		Sand/Shale	1144	1150	oil odor			
Shale	853	861		Oil Sand	1150	1154				