

AFE # D13052

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: <u>2</u>	S. 2, T. 28, R. 16E
API No. <u>15-205-28116</u>	County: <u>Wilson</u>
Elev. <u>1037</u>	Location: <u>SE-SW-SE-NW</u>

Operator: <u>Post Rock midcontinent Production</u>	
Address: <u>Oklahoma Tower 210 Park Ave. Ste 2750</u>	
Well No: <u>2-7</u>	Lease Name: <u>Okon Ruby A</u>
Footage Location: <u>2625</u> ft from the (N) (S) Line	
<u>1950</u> ft from the (E) (W) Line	
Drilling Contractor: <u>McPherson Drilling LLC</u>	
Spud date: <u>7/18/13</u>	Geologist:
Date Completed: <u>7/19/13</u>	Total Depth: <u>1205'</u>

Casing Record		Rig Time:
	Surface	Production
Size Hole:	<u>11"</u>	<u>7 7/8"</u>
Size Casing:	<u>8 5/8"</u>	
Weight:	<u>27#</u>	
Setting Depth:	<u>21'</u>	<u>Post Rock</u>
Type Cement:	<u>Post</u>	
Sacks:	<u>5</u>	

Gas Tests:	
956'	<u>0</u>
956'	<u>Slight Below</u>
1056'	<u>Same</u>
1131'	<u>Same</u>

Inj water @ 530'			Well Log					
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	1	Shale	655	665	Coal	976	977
Lime	1	8	Sand	665	687	Shale	977	990
Shale	8	128	Shale	687	692	Sand	990	997
Lime	128	148	Coal	692	693	Sand/Shale	997	1013
Shale	148	236	Shale	693	704	Coal	1013	1014
Lime	236	285	Sand	704	743	Shale	1014	1055
Sand	285	311	Shale	743	750	Coal	1055	1056
Sand/Shale	311	340	Lime	750	770	Shale	1056	1070
Shale	340	362	Shale	770	811	Coal	1070	1071
Lime	362	375	Orange Lime	811	828	Shale	1071	1076
Sand	375	382	Limestone	828	829	Sand	1076	1094
Lime	382	400	Lime	829	843	Oil Sand	1094	1128
Shale	400	405	Mudstone	843	851	Sand/Shale	1128	1133
Lime	405	435	Lime	851	857	Under Sand	1133	1158
Shale	435	441	Sand	857	858	Shale	1158	1205
Sand	441	473	Oil Sand	858	869			
Shale	473	481	Sand	869	878			
Lime	481	493	Sand/Shale	878	904			
Shale	493	508	Coal	904	905			
Lime	508	531	Shale	905	923			
Shale	531	608	Coal	923	924			
Lime	608	622	Shale	924	947			
Shale	622	637	Coal	947	948			
Lime	637	655	Shale	948	976			