

**McPherson Drilling LLC Drillers Log**

**PO# LRG022811-2 AFE# D11017**

<b>Rig Number:</b> 1	<b>S. 31</b>	<b>T. 29</b>	<b>R. 17E</b>
<b>API No. 15- 205-27918</b>	<b>County: Wilson</b>		
Elev. 858	<b>Location:</b>		

<b>Gas Tests:</b>	
250	0
320	0
330	0
405	SB
430	SB
490	SB
530	SB
555	SB
593	SB
615	SB
655	SB
830	SB
940	36.5
955	36.5
992	60.5
1005	60.5
1131	60.5
<b>Comments:</b>	
Start injecting @	740"

<b>Operator:</b> POSTROCK
<b>Address:</b> 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641
<b>Well No:</b> 31-1 <b>Lease Name:</b> Berg Glen
<b>Footage Location:</b> 1,850 ft. from the SOUTH Line
660 ft. from the EAST Line
<b>Drilling Contractor:</b> McPherson Drilling LLC
<b>Spud date:</b> 2/22/2011 <b>Geologist:</b> Ken Recoy
<b>Date Completed:</b> 2/23/2011 <b>Total Depth:</b> 1131

<b>Casing Record</b>			<b>Rig Time:</b>	
	Surface	Production		
<b>Size Hole:</b>	11"	7 7/8"	odor	560" 755"
<b>Size Casing:</b>	8 5/8"		hit h2o @	330" 735"
<b>Weight:</b>	20#		<b>DRILLER:</b>	Andy Coats
<b>Setting Depth:</b>	22	MCP		
<b>Type Cement:</b>	Portland			
<b>Sacks:</b>	4	MCP		

<b>Well Log</b>										
Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	2		shale	306	326		lime	623	625
sand	2	10		coal	326	327		shale	625	648
coal	10	12		sandshale	327	369		coal	648	650
shale	12	30		lime	369	378		shale	650	707
lime	30	42		blackshale	378	379		sandshale	707	720
shale	42	51		sandshale	379	391		sand	720	799
lime	51	54		shale	391	423		blackshale	799	800
shale	54	105		coal	423	424		sandshale	800	826
lime	105	162		shale	424	483		coal	826	828
coal	162	164		coal	483	485		shale	828	908
shale	164	169		shale	485	486		lime	908	910
lime	169	174		lime	486	513		sandshale	910	922
shale	174	178		coal	513	515		sand	922	935
lime	178	193		lime	515	520		coal	935	937
shale	193	195		coal	520	522		shale	937	941
lime	195	206		shale	522	553		coal	941	943
shale	206	210		coal	553	554		shale	943	987
blackshale	210	211		shale	554	557		coal	987	989
shale	211	215		osw	557	581		shale	989	994
lime	215	278		summitt	581	590		miss.lime	994	1131
shale	278	293		lime	590	603				
blackshale	293	295		mulky	603	608				
shale	295	305		lime	608	610				
coal	305	306		shale	610	623				