

**McPherson Drilling LLC Drillers Log**

**PO# LRG031211-7 AFE# D11026**

<b>Rig Number:</b> 1	<b>S. 26</b>	<b>T. 29</b>	<b>R.17 E</b>
<b>API No. 15- 133-27546</b>	<b>County: Neosho</b>		
Elev. 963	<b>Location:</b>		

<b>Gas Tests:</b>	
79	0
204	0
279	0
360	0
379	0
555	SB
605	SB
630	SB
655	SB
680	SB
750	SB
765	SB
805	SB
930	SB
1030	SB
1080	10.90
1105	10.90
1231	10.90
<b>Comments:</b>	
Start injecting @	

<b>Operator:</b> POSTROCK
<b>Address:</b> 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641
<b>Well No:</b> 26-3 <b>Lease Name:</b> THORTON FRANCES
<b>Footage Location:</b> 660 ft. from the NORTH Line 660 ft. from the WEST Line
<b>Drilling Contractor:</b> McPherson Drilling LLC
<b>Spud date:</b> 3/11/2011 <b>Geologist:</b> Ken Recoy
<b>Date Completed:</b> 3/12/2011 <b>Total Depth:</b> 1231

<b>Casing Record</b>			<b>Rig Time:</b>	
	Surface	Production	h2o @ 1087'	
<b>Size Hole:</b>	11"	7 7/8"		
<b>Size Casing:</b>	8 5/8"			
<b>Weight:</b>	20#			
<b>Setting Depth:</b>	22	MCP		
<b>Type Cement:</b>	Port		<b>DRILLER:</b> Andy Coats	
<b>Sacks:</b>	4	MCP		

<b>Well Log</b>										
<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>HRS.</b>	<b>Formation</b>	<b>Top</b>	<b>Btm.</b>		<b>Formation</b>	<b>Top</b>	<b>Btm.</b>
soil	0	2		lime	436	441		shale	910	1015
sand shale	2	8		shale	441	458		coal	1015	1017
shale	8	56		black shale	458	459		shale	1017	1021
coal	56	58		shale	459	549		coal	1021	1023
shale	58	102		lime	549	550		shale	1023	1076
lime	102	115		coal	550	552		coal	1076	1078
shale	115	127		lime	552	587		shale	1078	1087
lime	127	196		coal	587	589		miss lime	1087	1231
black shale	196	198		shale	589	628				
lime	198	199		coal	628	629				
sand shale	199	234		lime	629	649				
coal	234	236		summit	649	653				
shale	236	240		lime	653	662				
lime	240	269		mulky	662	670				
shale	269	275		lime	670	672				
coal	275	278		shale	672	739				
lime	278	343		coal	739	741				
shale	343	353		shale	741	756				
coal	353	355		lime	756	758				
shale	355	363		coal	758	760				
coal	363	364		shale	760	795				
shale	364	394		coal	795	797				
coal	394	395		shale	797	908				
shale	395	436		coal	908	910				