

McPherson Drilling LLC Drillers Log

PO# LRG010511-3 AFE# D10085

Rig Number: 1	S. 31	T. 34	R.19 E
API No. 15- 099-24627	County: LB		
Elev. 957	Location: SE NW SE SW		

Gas Tests:	
	MCF
200	0
278	0
303	0
327	2.76
378	2.76
404	2.76
410	2.76
427	2.76
530	2.76
670	2.76
750	2.76
775	2.76
820	2.76
880	2.76
875	2.76
979	2.76
Comments:	
Start injecting @ 580	

Operator: POSTROCK
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641
Well No: 31-1 Lease Name: N DEAN ALLOWAY
Footage Location: 800 ft. from the SOUTH Line 1665 ft. from the WEST Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 12/30/2010 Geologist: Ken Recoy
Date Completed: 1/3/2011 Total Depth: 979

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"		
Size Casing:	8 5/8"			
Weight:	23#		hit water at 565	
Setting Depth:	21	MCP		
Type Cement:	Portland		DRILLER:	Andy Coats
Sacks:	4	MCP		

Well Log										
Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	1		lime	398	400		black shale	751	755
lime	1	8		black shale	400	403		shale	755	768
shale	8	128		shale	403	407		black shale	768	769
lime	128	168		coal	407	409		coal	769	770
shale	168	172		shale	409	413		shale	770	773
black shale	172	175		coal	413	415		black shale	773	775
shale	175	231		shale	415	447		shale	775	799
lime	231	270		coal	447	449		black shale	799	801
summit	270	276		shale	449	506		shale	801	817
lime	276	295		black shale	506	508		coal	817	819
mulkey	295	302		shale	508	511		sand shale	819	840
lime	302	307		black shale	511	514		black shale	840	845
shale	307	312		shale	514	525		shale	845	847
black shale	312	314		coal	525	527		chat	847	854
shale	314	318		shale	527	562		Mississippi	854	979
lime	318	319		sand shale	562	665				TD
coal	319	321		coal	665	667				
shale	321	361		shale	667	685				
coal	361	366		black shale	685	688				
shale	366	374		sand shale	688	705				
coal	374	376		coal	705	728				
shale	376	384		shale	728	734				
coal	384	383		black shale	734	737				
shale	383	398		shale	737	751				