

McPherson Drilling LLC Drillers Log

PO# LRG010511-2

AFE# D10095

Rig Number: 1	S. 11	T. 35	R.17 E
API No. 15- 099-24625	County: LB		
Elev. 809	Location: SE NW NW NW		

Gas Tests:	
	MCF
227	0
357	0
400	2.76
423	2.76
520	2.76
575	2.76
600	2.76
680	2.76
720	2.76
900	2.76
920	2.76
1054	2.76
	7.70
Comments:	
Start injecting @	

Operator: POSTROCK			
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641			
Well No: 11-1	Lease Name: CHARLEY H HAYES		
Footage Location: 380 ft. from the NORTH Line			
395 ft. from the WEST Line			
Drilling Contractor: McPherson Drilling LLC			
Spud date: 12/29/2010	Geologist: Ken Recoy		
Date Completed: 12/30/2010	Total Depth: 1054		

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"		
Size Casing:	8 5/8"		odor 340	
Weight:	23#		hit water at 477; 610; 909	
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	3		sand shale	461	511	sand shale	428	731	
shale	3	29		lime	511	513	shale	731	748	
lime	29	48		coal	513	514	coal	748	750	
black shale	48	51		shale	514	536	black shale	750	752	
shale	51	53		lime	536	537	shale	752	760	
lime	53	68		sand shale	537	569	black shale	760	763	
shale	68	181		coal	569	570	shale	763	821	
black shale	181	182		shale	570	584	black shale	821	823	
pink lime	182	210		coal	584	585	shale	823	862	
black shale	210	214		shale	585	600	sand	862	865	
shale	214	239		coal	600	603	shale	865	889	
oil sand	239	242		shale	603	610	coal	889	891	
shale	242	317		sand	610	649	shale	891	899	
oswego lime	317	350		shale	649	671	black shale	899	900	
summit	350	354		coal	671	674	shale	900	909	
lime	354	384		shale	674	676	coal	909	910	
mulky	384	390		black shale	676	680	lime	910	1054	
lime	390	393		shale	680	685				TD
shale	393	407		sand	685	708				
coal	407	409		lime	708	709				
shale	409	432		coal	709	710				
sand	432	450		shale	710	718				
sand shale	450	452		coal	718	719				
sand	452	461		shale	719	728				