

McPherson Drilling LLC Drillers Log

PO# LRG021611-1 AFE# D11009

Rig Number: 1	S. 5	T. 28	R. 17 E
API No. 15- 205-27903	County: Wilson		
Elev. 991	Location:		

Gas Tests:	
500	1.68
635	1.68
660	1.68
715	2.37
730	2.37
805	4.45
830	4.45
905	4.45
920	4.45
931	4.45
955	8.87
1005	8.87
1120	8.87
1135	8.87
1270	8.87
Comments:	
Start injecting @	200"

Operator: POSTROCK
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641
Well No: 5-2 Lease Name: Grady James A
Footage Location: 1,980 ft. from the NORTH Line 1,980 ft. from the WEST Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 2/7/2011 Geologist: Ken Recoy
Date Completed: 2/11/2011 Total Depth: 1270

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"	hit h2o @	150" 1200"
Size Casing:	8 5/8"			
Weight:	20#			
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		lime	527	541	sandshale	918	928
lime	3	24		shale	541	548	coal	928	930
shale	24	90		sand	548	575	shale	930	936
lime	90	109		coal	575	576	coal	936	938
sandshale	109	244		sandshale	576	625	sandshale	938	950
lime	244	309		lime	625	627	sand	950	985
shale	309	315		coal	627	629	coal	985	986
lime	315	317		lime	629	654	sand	986	1012
blackshale	317	321		coal	654	657	sandshale	1012	1090
shale	321	342		shale	657	689	sand	1090	1101
lime	342	349		osw	689	705	shale	1101	1115
shale	349	375		summit	705	710	coal	1115	1117
lime	375	408		osw	710	716	shale	1117	1126
blackshale	408	410		mulky	716	720	miss. Lime	1126	1270
lime	410	420		lime	720	723			
shale	420	429		shale	723	797			
blackshale	429	432		coal	797	799			
shale	432	452		shale	799	806			
sand	452	474		sandshale	806	818			
shale	474	483		coal	818	820			
blackshale	483	483		shale	820	885			
shale	483	510		coal	885	886			
lime	510	515		sandshale	886	916			
shale	515	527		coal	916	918			