McPherson Drilling LLC Drillers Log

PO# **AFE# D11038**

Rig Number:	**1**	**S. 14**	**T. 35** **R.18 E**
API No. -105-	**099-24645**	County:	**Labette**
	Elev. 901	Location:	

Operator:	POSTROCK			
Address:	210 Park Ave Ste 2750			
	Oklahoma City, OK 73102-5641			
Well No:	**14-1**	Lease Name:	**COOPER**	
Footage Location:	1,300	ft. from the	NORTH	Line
	1,340	ft. from the	WEST	Line
Drilling Contractor:	**McPherson Drilling LLC**			
Spud date:	6/7/2011	Geologist:	Ken Recoy	
Date Completed:	6/8/2011	Total Depth:	1005	

Gas Tests:	
153'	0
203'	0.669
328'	0
378'	0
404'	0
429'	0
479'	0
554'	1.638
654'	1.68
704'	1.68
779'	0
854'	1.68
880'	5.05
1005'	5.05

Comments:
Start injecting @

Casing Record			**Rig Time:**	
	Surface	Production		
Size Hole:	11"	7 7/8"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	21	MCP	870'	h2o
Type Cement:	Port		DRILLER:	Andy Coats
Sacks:	4	MCP		

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	3		black shale	422	446				
lime	3	27		coal	424	487				
shale	27	35		shale	426	489				
lime	35	38		sand	458	517				
shale	38	154		sand shale	461	526				
lime	154	160		coal	471	540				
shale	160	165		shale	473	541				
lime	165	185		coal	529	562				
shale	185	186		shale	531	563				
coal	186	188		black shale	578	619				
shale	188	192		shale	580	620				
sand shale	192	249		coal	633	649				
lime	249	255		shale	634	651				
shale	255	270		coal	700	677				
oswego	270	308		shale	702	679				
summit	308	316		coal	770	730				
lime	316	352		shale	771	732				
mulky	352	360		coal	847	790				
lime	360	370		shale	848	792				
shale	370	392		black shale	850	860				
coal	392	394		shale	852	862				
shale	394	419		miss	863	1005				
lime	419	421								
coal	421	422								