McPherson Drilling LLC Drillers Log

PO# **AFE# D11080**

Rig Number:	**1**	**S. 2**	**T. 35** **R.18 E**
API No. -105-	**099-24657**	County:	**Labette**
	Elev. 951	Location:	

Operator:	POSTROCK			
Address:	210 Park Ave Ste 2750			
	Oklahoma City, OK 73102-5641			
Well No:	**2-1**	Lease Name:	**LOONEY**	
Footage Location:	450	ft. from the	SOUTH	Line
	330	ft. from the	EAST	Line
Drilling Contractor:	**McPherson Drilling LLC**			
Spud date:	8/11/2011	Geologist:	Ken Recoy	
Date Completed:	8/19/2011	Total Depth:	1330	

Gas Tests:

303'	37.4
327'	42.5
377'	55.2
427'	53.3
453'	53.3
504'	47.2
654'	47.2
704'	49.3
828'	49.3
854'	97.3
1215'	44.7

Casing Record

	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	20#	
Setting Depth:	45	MCP
Type Cement:	PORT	
Sacks:	8	MCP

Rig Time:

	minimal water @ TD
	water sample @ TD
	odor @ 240'
DRILLER:	Andy Coats

Trip back in 8/18/11 & 8/19/11
drill to 1330 on 8/19/11
2 hours @ $300/hr

Comments:
Start injecting @

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	2		shale	652	682		arbuckle	1215	1330
lime	2	9		coal	682	683				
shale	9	138		shale	683	752				
lime	138	167		black shale	752	754				
shale	167	238		shale	754	824				
lime	238	276		coal	824	826				
summit	276	282		shale	826	842				
lime	282	314		miss	842	1150				
mulky	314	320		green shale	1150	1162				
lime	320	324		brown shale	1162	1183				
shale	324	366		black shale	1183	1198				
coal	366	367		arbuckle	1198	1215				
shale	367	372								
coal	372	374								
shale	374	396								
lime	396	399								
shale	399	409								
coal	409	410								
shale	410	446								
coal	446	447								
shale	447	502								
coal	502	504								
shale	504	650								
coal	650	652								