McPherson Drilling LLC Drillers Log

PO#	**LRG031211-8**	**AFE#**	**D11028**

Rig Number:	**1**		**S. 23**	**T. 29**	**R.19 E**
API No. 15-	**133-27553**		County:	**Neosho**	
	Elev.	909	Location:		

Operator:	POSTROCK				
Address:	210 Park Ave Ste 2750				
	Oklahoma City, OK 73102-5641				
Well No:	**23-1**		Lease Name:	**RON SMITH**	
Footage Location:		660	ft. from the	NORTH	Line
		660	ft. from the	EAST	Line
Drilling Contractor:	**McPherson Drilling LLC**				
Spud date:	3/12/2011		Geologist:	Ken Recoy	
Date Completed:	3/14/2011		Total Depth:	970	

Gas Tests:	
290	0
329	0
379	0
400	0
420	SB
505	SB
530	SB
555	SB
630	SB
655	SB
780	SB
825	SB
845	SB
970	SB

Comments:
Start injecting @ 40'

Casing Record			**Rig Time:**	
	Surface	Production	h2o @ 35'	
Size Hole:	11"	7 7/8"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	22	MCP		
Type Cement:	Port		DRILLER:	Andy Coats
Sacks:	4	MCP		

Well Log

Formation	**Top**	**Btm.**	**HRS.**	**Formation**	**Top**	**Btm.**		**Formation**	**Top**	**Btm.**
soil	0	8		lime	498	499				
sand gravel	8	10		coal	499	502				
shale	10	155		sand shale	502	524				
lime	155	162		coal	524	526				
black shale	162	165		shale	526	545				
shale	165	169		black shale	545	547				
lime	169	178		shale	547	553				
shale	178	198		black shale	553	555				
lime	198	202		shale	555	607				
shale	202	215		black shale	607	609				
lime	215	217		shale	609	632				
sand	217	227		coal	632	634				
sand shale	227	286		shale	634	639				
coal	286	288		sand	639	654				
shale	288	293		shale	654	759				
lime	293	321		coal	759	761				
coal	321	323		shale	761	818				
shale	323	370		coal	818	820				
osw lime	370	389		shale	820	825				
summit	389	395		miss lime	825	970				
lime	395	406								
mulky	406	412								
shale	412	414								
sand shale	414	498								