

McPherson Drilling LLC Drillers Log

PO# **AFE# D11066**

Rig Number: 1	S. 36	T. 27	R.18 E
API No. -105- 133-27569	County: Neosho		
Elev. 933	Location:		

Gas Tests:	
110'	0
204'	0
279'	2.37
380'	2.37
429'	0
434'	0
480'	2.37
560'	3.28
605'	3.28
805'	2.37
830'	3.71
856'	3.71
880'	3.71
1000'	7.32

Comments:
Start injecting @

Operator: POSTROCK			
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641			
Well No: 11-1	Lease Name: HY GRADE		
Footage Location:	1,859	ft. from the	SOUTH Line
	990	ft. from the	EAST Line
Drilling Contractor: McPherson Drilling LLC			
Spud date:	7/1/2011	Geologist:	Ken Recoy
Date Completed:	7/5/2011	Total Depth:	1000

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	20	MCP	500'	h2o
Type Cement:	Port		DRILLER:	Andy Coats
Sacks:	4	MCP		

Well Log										
Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	5		shale	389	412		shale	817	849
shale	5	32		coal	412	414		coal	849	851
lime	32	51		shale	414	419		shale	851	856
shale	51	103		oswego lime	419	443		miss	856	1000
coal	103	104		summit	443	451				
shale	104	134		lime	451	458				
black shale	134	136		mulky	458	477				
shale	136	197		lime	477	479				
coal	197	198		shale	479	555				
shale	198	201		coal	555	557				
sand	201	216		shale	557	582				
shale	216	225		coal	582	584				
sand shale	225	227		shale	584	610				
lime	227	234		sand shale	610	638				
shale	234	265		shale	638	671				
coal	265	267		black shale	671	674				
shale	267	314		shale	674	711				
lime	314	320		sand shale	711	716				
shale	320	324		shale	716	759				
lime	324	367		black shale	759	760				
shale	367	370		shale	760	786				
black shale	370	371		coal	786	788				
shale	371	382		shale	788	816				
sand	382	389		coal	816	817				