

McPherson Drilling LLC Drillers Log

PO# LRG022811-1 AFE# D11018

Rig Number: 1	S. 2 T. 29 R. 17 E
API No. 15- 133-27543	County: Neosho
Elev. 912	Location:

Gas Tests:	
260	0
550	0
615	28.3
630	28.3
710	28.3
725	24.5
775	24.5
790	28.3
810	24.5
820	24.5
875	24.5
950	24.5
960	28.3
1013	24.5
1030	24.5
1155	24.5
Comments:	
Start injecting @	50"

Operator: POSTROCK
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641
Well No: 2-3 Lease Name: Goins Liv Trust
Footage Location: 400 ft. from the SOUTH Line 820 ft. from the WEST Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 2/21/2011 Geologist: Ken Recoy
Date Completed: 2/22/2011 Total Depth: 1155

Casing Record			Rig Time:	
	Surface	Production	HIT H2O @	
Size Hole:	11"	7 7/8"	45" 210"	
Size Casing:	8 5/8"		500" 900	lot of h2o
Weight:	20#		ODOR @	579
Setting Depth:	22	MCP	DRILLER:	Andy Coats
Type Cement:	Portland			
Sacks:	4	MCP		

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.	Formation	Top	Btm.
soil	0	2		lime	502	540	shale	817	822
sand	2	14		coal	540	543	sandshale	822	869
sandshale	14	85		shale	543	555	coal	869	871
lime	85	90		sandshale	555	579	shale	871	943
shale	90	103		lime	579	606	blackshale	943	945
lime	103	174		summit	606	611	shale	945	950
coal	174	176		lime	611	618	coal	950	952
shale	176	215		mulky	618	623	shale	952	954
sand	215	221		lime	623	627	blackshale	954	956
lime	221	248		shale	627	705	shale	956	1012
blackshale	248	251		coal	705	707	coal	1012	1014
shale	251	254		shale	707	715	shale	1014	1018
blackshale	254	256		lime	715	718	miss. Lime	1018	1155
shale	256	259		coal	718	720			
lime	259	310		shale	720	745			
shale	310	320		coal	745	746			
blackshale	320	324		shale	746	770			
shale	324	344		blackshale	770	773			
sand	344	352		shale	773	785			
sandshale	352	405		coal	785	787			
lime	405	418		shale	787	807			
shale	418	489		blackshale	807	810			
lime	489	498		shale	810	815			
shale	498	502		blackshale	815	817			