

McPherson Drilling LLC Drillers Log

PO# LRG021611-3 AFE# D11012

Rig Number: 1	S. 16	T. 28	R.19 E
API No. 15- 13327541	County: Neosho		
Elev. 903	Location:		

Gas Tests:	
340	SB
379	SB
449	SB
465	SB
529	SB
580	SB
605	6.18
645	31.6
685	31.6
805	34.7
839	34.7
860	34.7
990	34.7

Comments:
Start injecting @ 851

Operator: POSTROCK			
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641			
Well No: 16-3	Lease Name: Stich William		
Footage Location: 1,910 ft. from the NORTH Line			
1,900 ft. from the EAST Line			
Drilling Contractor: McPherson Drilling LLC			
Spud date: 2/15/2011	Geologist: Ken Recoy		
Date Completed: 2/16/2011	Total Depth: 990		

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"	ODOR @	
Size Casing:	8 5/8"		hit h2o @	851"
Weight:	20#		DRILLER:	Andy Coats
Setting Depth:	46	MCP		
Type Cement:	pump truck cement			
Sacks:				

Well Log										
Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	16		sand	383	391		shale	679	787
gravel	16	23		shale	391	406		coal	787	789
shale	23	25		lime	406	431		shale	789	797
lime	25	68		summit	431	440		coal	797	798
shale	68	78		lime	440	454		shale	798	833
lime	78	102		mulky	454	459		coal	833	836
shale	102	105		lime	459	461		shale	836	846
coal	105	106		shale	461	510		blackshale	846	849
shale	106	119		blackshale	510	514		shale	849	851
lime	119	162		shale	514	516		miss.lime	851	990
shale	162	204		coal	516	518				
lime	204	208		shale	518	539				
shale	208	212		lime	539	540				
lime	212	218		coal	540	543				
shale	218	229		shale	543	564				
lime	229	249		blackshale	564	566				
shale	249	299		shale	566	575				
lime	299	205		coal	575	578				
shale	205	324		shale	578	590				
lime	324	327		blackshale	590	592				
coal	327	329		shale	592	629				
pink lime	329	362		blackshale	629	631				
coal	362	364		shale	631	677				
shale	364	383		coal	677	679				