

McPherson Drilling LLC Drillers Log

PO# **AFE# D11081**

Rig Number: 1	S. 2	T. 33	R.12 E
API No. -15- 019-24059	County: Chatauqua		
Elev. 993	Location:		

Gas Tests:	
830'	0
1407'	5.86
1507'	5.86
Too much water to test	
Comments: Start injecting @	

Operator: POSTROCK	
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641	
Well No: 2-1	Lease Name: HILLER
Footage Location: 660 ft. from the SOUTH Line	
778 ft. from the EAST Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 8/29/2011	Geologist: Ken Recoy
Date Completed: 8/31/2011	Total Depth: 1825

Casing Record			Rig Time:	
	Surface	Production		h20 @ 680', 760', 1080'
Size Hole:	11"	7 7/8"		1300', 1450', 1700'
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	44	MCP		
Type Cement:			DRILLER:	Andy Coats
Sacks:		PUMP TRK		

Well Log										
Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	2		lime	1098	1104		shale	1677	1679
sand	2	13		shale	1104	1209		miss	1679	1825
shale	13	39		lime	1209	1234				
lime	39	44		coal	1234	1236				
shale	44	198		shale	1236	1289				
sand shale	198	237		oswego	1289	1312				
shale	237	409		summit	1312	1321				
lime	409	414		lime	1321	1334				
shale	414	615		mulky	1334	1341				
sand shale	615	675		lime	1341	1344				
lime	675	676		shale	1344	1372				
coal	676	677		black shale	1372	1375				
sand shale	677	701		shale	1375	1445				
sand	701	720		sand	1445	1453				
sand shale	720	787		shale	1453	1479				
shale	787	856		coal	1479	1481				
lime	856	870		shale	1481	1499				
black shale	870	874		coal	1499	1501				
shale	874	1002		shale	1501	1549				
lime	1002	1010		coal	1549	1551				
shale	1010	1015		shale	1551	1572				
sand shale	1015	1072		coal	1572	1573				
lime	1072	1085		shale	1573	1675				
sand shale	1085	1098		coal	1675	1677				