

McPherson Drilling LLC Drillers Log

PO# AFE# 011034

Rig Number: I	S. 11	T. 35	R. 18 E
API No. -105- 099-24643	County: Labette		
Elev. 882	Location:		

Gas Tests:	
140'	0
178'	0
240'	0
303'	0
354'	0
378'	1.68
429'	1.68
454'	1.68
529'	1.68
629'	1.68
654'	1.68
754'	1.68
830'	1.68
855'	2.37
925'	2.37
Comments:	
Start injecting @	

Operator: POSTROCK	Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641		
Well No: 11-1	Lease Name: COOPER		
Footage Location: 770 ft. from the SOUTH Line	1,335 ft. from the WEST Line		
Drilling Contractor: McPherson Drilling LLC			
Spud date: 6/8/2011	Geologist: Ken Raccoy		
Date Completed: 6/9/2011	Total Depth: 975		

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	22	MCP	850'	1020
Type Cement:	Port		DRILLER:	Andy Coats
Sacks:	4	MCP		

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.	Formation	Top	Btm.
soil	0	2		coal	507	508			
lime	2	7		shale	508	580			
shale	7	142		sand shale	580	611			
oswego	142	168		shale	611	616			
shale	168	171		black shale	616	618			
coal	171	73		shale	618	621			
sand shale	73	201		coal	621	623			
shale	201	229		shale	623	651			
lime	229	231		coal	651	653			
shale	231	249		shale	653	680			
oswego	249	281		black shale	680	682			
summit	281	292		shale	682	752			
lime	292	329		coal	752	754			
mulky	329	335		shale	754	823			
lime	335	342		coal	823	825			
shale	342	369		shale	825	833			
coal	369	371		miss	833	975			
shale	371	394							
black shale	394	396							
shale	396	408							
coal	408	410							
shale	410	449							
coal	449	451							
shale	451	507							