McPherson Drilling LLC Drillers Log

Rig Number:	**1**	**S. 25**	**T. 30** **R. 16E**
API No. -	**205-27934**	County:	**Wilson**
	Elev. 874	Location:	

Gas Tests:

Operator:	McPherson, Ron dba McPherson Drilling			
Address:	PO Box 129			
	Sycamore, KS 67363			
Well No:	**5B**	Lease Name:	**Redd/McP**	
Footage Location:	660	ft. from the	SOUTH	Line
	165	ft. from the	WEST	Line
Drilling Contractor:	**McPherson Drilling LLC**			
Spud date:	5/3/2011	Geologist:		
Date Completed:	5/4/2011	Total Depth:	950	

Casing Record			**Rig Time:**	
	Surface	Production		
Size Hole:	11"	5 3/4'		
Size Casing:	8 5/8'			
Weight:	20#		174'	h2o
Setting Depth:	22'	MCP		
Type Cement:	PORT		DRILLER:	Andy Coats
Sacks:	4	MCP		

Comments:
Start injecting @

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	2		oswego lime	784	785				
sand	2	8		summit	785	796				
shale	8	50		lime	796	798				
lime	50	55		mulky	798	800				
shale	55	83		lime	800	804				
lime	83	96		shale	804	818				
shale	96	116		black shale	818	819				
lime	116	168		shale	819	827				
shale	168	310		lime	827	839				
lime	310	337		coal	839	876				
shale	337	371		shale	876	883				
lime	371	430		coal	883	885				
shale	430	556		shale	885	894				
lime	556	582		coal	894	894				
black shale	582	584		shale	894	896				
shale	584	640		sand	896	900				
lime	640	669		coal	900	905				
summit	669	678		oil sand	905	906				
lime	678	691		sand shale	906	912				
mulky	691	698		shale	912	953				
lime	698	701								
shale	701	716								
lime	716	717								
shale	717	784								