

McPherson Drilling LLC Drillers Log

Rig Number: 1	S. 20	T. 27	R.15 E
API No. -15- 205-28243	County: Wilson		
Elev. 883'	Location: W 2 SW		

Gas Tests:	
427	0.00
477'	43.90
751'	43.90
777'	43.90
814'	94.50
828'	78.10
1228'	141.00
PICKED UP A LOT OF WATER @ 1150'	
Comments:	
Start injecting @ 750'	

Operator: CHEROKEE WELLS LLC			
Address: 5201 CAMP BOWIE BLVD; STE 200 FT WORTH, TX 76107			
Well No: 1-20	Lease Name: BENJEGERDES		
Footage Location: 1,320 ft. from the SOUTH Line			
660 ft. from the WEST Line			
Drilling Contractor: McPherson Drilling LLC			
Spud date: 12/10/2013	Geologist:		
Date Completed: 12/12/2013	Total Depth: 1303'		

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	6 3/4"	1 BOX SAMPLE BAGS	
Size Casing:	8 5/8'			
Weight:	23#			
Setting Depth:	44'			
Type Cement:	Port	4 SACKS MCPHERSO	DRILLER:	Andy Coats
Sacks:	8			

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	2		lime	626	638	sand/shale	858	899
lime	2	51		sand	638	676	coal	899	900
shale	51	132		coal	676	677	shale	900	914
lime	132	183		sand/shale	677	681	coal	914	915
shale	183	201		sand	681	717	shale	915	921
lime	201	253		sand/shale	717	732	sand/shale	921	949
shale	253	262		coal	732	733	coal	949	950
sand	262	279		shale	733	737	sand/shale	950	968
coal	279	280		lime	737	741	coal	968	969
sand	280	289		shale	741	744	sand/shale	969	1020
coal	289	290		lime	744	750	coal	1020	1021
sand	290	299		shale	750	752	sand/shale	1021	1049
lime	299	320		lime	752	758	coal	1049	1050
shale	320	339		blk shale	758	762	sand/shale	1050	1053
lime	339	413		shale	762	769	sand	1053	1073
blk shale	413	417		lime	769	772	oil sand	1073	1108
lime	417	425		shale	772	787	sand	1108	1121
sand	425	445		oswego lime	787	804	water sand	1121	1202
lime	445	462		summit	804	811	Mississippi	1202	1303
blk shale	462	471		lime	811	817			TD
lime	471	501		mulkey	817	820			
shale	501	597		oil sand	820	824			
lime	597	614		sand/shale	824	846			
shale	614	626		oil sand	846	858			