

McPherson Drilling LLC

Drillers Log

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Rig Number: 1	S. 17 T. 27 R. 16 E
API No. 15- 205-28272	County: Wilson
Elev. 994'	Location: SW-NE-NE-NW

Operator: Cherokee Wells LLC
Address: 5201 camp Bowie Blvd Ste 200 Ft worth TX 76107
Well No: A2-17 Lease Name: Atmos
Footage Location: 335 ft. from the (N) (S) Line
2305 ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 8/18/14 Geologist:
Date Completed: 8/21/14 Total Depth: 1568'

Gas Tests:	
402'	0
452'	Slight Bls
728'	13.5 mcf
796'	Same
803'	Same 116 mcf
928'	Same
953'	Same
1029'	166 mcf
1078'	Same
1204'	Same
1154' picked up A lot of water picked up A lot more water in Top of Arbuckle	

Casing Record		Rig Time:
Surface	Production	2 hrs @ \$350.00/hr
Size Hole: 11"		Run + cement surface casing
Size Casing: 8 5/8"		
Weight: 23#		
Setting Depth: 284'		
Type Cement: Port		
Sacks: Service company		

Inj water @ 350'			Well Log					
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
lime	0	25	Sand/Shale	652	654	Sand (oil)	959	970
Shale	25	137	Shale	654	667	Shale	970	1023
lime	137	145	coal	667	668	coal	1023	1024
Sand	145	152	shale	668	673	Shale	1024	1046
lime	152	158	Sand	673	716	Oil Sand	1046	1050
Shale	158	191	Coal	716	718	Sand/Shale	1050	1106
lime	191	245	lime	718	744	oil Sand	1106	1126
Sand/Shale	245	284	Black shale	744	746	Blk Sand	1126	1150
Sand	284	334	Shale	746	774	water Sand	1150	1157
lime	334	394	lime	774	793	Shale	1157	1170
shale	394	397	Summit	793	795	water Sand	1170	1195
lime	397	440	lime	795	800	mississippi	1195	1391
Blk Shale	440	443	mulby	800	802	Shale	1391	1412
Shale	443	447	lime	802	811	lime	1412	1444
lime	447	477	Sand	811	823	Shale	1444	1478
Shale	477	483	Sand/Shale	823	882	lime	1478	1494
lime	483	510	coal	882	883	Blk Shale	1494	1510
Shale	510	520	Shale	883	898	Arbuckle	1510	1568
Sand	520	523	coal	898	899			watered out
Shale	523	591	Shale	899	921			
lime	591	602	coal	921	922			
Shale	602	619	Shale	922	946			
lime	619	635	coal	946	947			
Sand	635	652	Shale	947	959			