

Legend Drilling

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 1	S. 27 T. 29 R. 15 E
API No. 15- 205-28293	County: Wilson
Elev. 999'	Location: NE-NW-NW

Operator: Legend Oil & Gas
Address: 555 Northpoint cmts East Ste 400 Alpharetta GA 30022
Well No: 65 Lease Name: volunteers
Footage Location: 330 ft. from the (N) (S) Line
990 ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 10/28/14 Geologist:
Date Completed: 10/30/14 Total Depth: 1370'

Gas Tests:	
930'	Ø
1005'	Slight Blow
1230'	Same

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	6 3/4"	
Size Casing:	8 5/8"		
Weight:	23#		
Setting Depth:	41'		
Type Cement:	port		
Sacks:	8		

Inj water @ 480' Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
Top Soil	0	2		lime	654	706		Shale	1022	1051
lime	2	29		Sand	706	728	no sho	Coal	1051	1052
Shale	29	47		Shale	728	794		Shale	1052	1075
lime	47	83		Sand/Shale	794	798		Sand	1075	1086
Shale	83	103		Sand	798	809	sho	Sand/Shale	1086	1127
lime	103	128		Sand/Shale	809	820		Coal	1127	1128
Shale	128	131		lime	820	823		Shale	1128	1133
lime	131	142		coal	823	824		Sand	1133	1158
Shale	142	272		Shale	824	827		Oil Sand	1158	1224
Sand	272	358	wet	lime	827	841		Coal	1224	1225
Sand/Shale	358	378		Black shale	841	848		Sand/Shale	1225	1244
lime	378	380		Shale	848	878		Coal	1244	1245
Sand/Shale	380	393		lime	878	902		Shale	1245	1290
lime	393	476		Summit	902	910		Coal	1290	1291
Sand/Shale	476	484		lime	910	921		Shale	1291	1296
lime	484	494		Mulkey	921	928		Miss	1296	1370
Sand	494	507	no sho	lime	928	933				
Sand/Shale	507	526		Sand	933	936	sho			
lime	526	551		Oil Sand	936	940				
Shale	551	598		Sand/Shale	940	947				
lime	598	609		Shale	947	997				
Shale	609	640		lime	997	1001				
lime	640	648		Coal	1001	1002				
Shale	648	654		Sand/Shale	1002	1022				