

Southwinds Energy, LLC Drillers Log

Operator: Pittman, John Douglas Revocable Trust; License #33991
Address: 222 E Sheridan
 Oklahoma City, OK 73104

*send copy to
 Gary Shearhart
 3435 CR 1900
 Havana KS, 67747*

Lease	Martin
Well No.	29
Footage Location	Section 28 T33N R14E 1154 FSL & 2804 FEL
Contractor	Southwinds Energy, LLC
Spud Date	11/9/2012
Date Completed	11/14/2012
Total Depth	770

Casing Record	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Cement	Sacks
Surface	12.75"	8.625"	24lbs/ft	21'	Portland	8
Production	6.75"	4.5"	10lbs/ft	759.25'	60/40	110

Well Log

Formation	Top	Bottom	Formation	Top	Bottom
Top soil	0	4	Coal	544	552
Clay	4	11	Shale	552	685
Lime	11	15	Lime	685	695
Shale	15	20	Sand	695	698
Sand	20	48	Sand - Oil show	698	700
Shale	48	104	Core	700	719
Sand	104	106	Sand	719	750
Shale	106	125	Shale	750	768
Sand	125	131	Lime	768	770 TD
Shale	131	234			
Sand	234	346	Core	700	719
Shale	346	380			
Sand	380	392			
Shale	392	414			
Sand	414	424			
Shale	424	430			
Sand	430	446			
Shale	446	452			
Sand	452	505			
Shale	505	524			
Lime	524	544			