

Southwinds Energy, LLC Drillers Log

Operator: Pitman, John Douglas Revocable Trust

Address: 222 E Sheridan #7

Oklahoma City, OK 73104

Lease	D.H. Martin
Well No.	31
Footage Location	Section 28 T33S R14E
	523 FSL & 4389 FEL
Contractor	Southwinds Energy, LLC
Spud Date	9/9/2013
Date Completed	9/11/2013
Total Depth	765'

Casing Record	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Cement
Surface	12.25"	8.625"	20 lbs./ft	21.5	Portland - 6sx
Production	6.75"	4.5"	9.5 lbs./ft	758.1	-

Well Log

Formation	Top	Bottom	Formation	Top	Bottom
Topsoil	0	3			
Clay	3	8			
Lime	8	20			
Sand	20	43			
Shale	43	104			
Lime	104	105			
Sand	105	115			
Shale	115	234			
Sand	234	316			
Shale	316	373			
Sand	373	448			
Shale	448	499	Cored	697	717
Lime	499	505			
Sand	505	532			
Shale	532	682			
Lime	682	690			
Sand (Oil Show)	690	735			
Shale	735	755			
Sand	755	765			