

Air Drilling Specialist
Oil & Gas Wells

THORNTON AIR ROTARY, LLC
Office Phone: 620-879-2073

PO Box 449
Caney, KS 67333

Date Started	3/15/2013
Date Completed	3/18/2013

Operator	A.P.I #	County	State
Post Rock Energy	15-205-28106-00-00	Wilson	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
5-8	Grady, James A	5	28	17

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	20' 5 8/8	1082	7 7/8

Formation Record

0-2	MUD	850-885	SAND / SUGAR		
2-86	SHALE	885-906	SHALE		
86-115	LIME	906-907	COAL		
115-125	SAND /HARD, DAMP	907-920	SAND		
125-165	SAND / DAMP	920-921	COAL		
155	WENT TO WATER	921-940	SAND / WATER, TIGHT		
165-240	SANDY SHALE	940-942	COAL		
240-308	LIME	942-970	SAND		
308-345	SANDY SHALE	970-986	SAND /GOOD ODOR & SHOW		
345-347	COAL	986-1000	SAND/GOOD ODOR & SHOW		
347-370	SAND	1000-1016	SAND/LT ODOR, FAINT SHOW		
370-404	LIME	1016-1018	COAL		
404-405	COAL	1018-1030	SAND /LT ODOR		
405-435	SANDY SHALE	1030-1061	SANDY SHALE		
435-622	SHALE	1061-1063	COAL		
622-624	COAL	1063-1082	SANDY SHALE		
624-647	SANDY SHALE	1082	TD		
647-648	COAL				
648-660	LIME (PAWNEE)				
660-700	SHALE				
700-717	LIME (OSWEGO)				
717-724	BLK SHALE (SUMMIT)				
724-730	LIME				
730-737	BLK SHALE (MULKY)				
737-740	LIME				
740-748	SANDY SHALE				
748-749	COAL				
749-794	SANDY SHALE				
794-796	COAL				
796-850	SANDY SHALE				