

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	1/4/2013
Date Completed	1/7/2013

Operator	A.P.I.#	County	State
Post Rock Energy	15-205-28079-00-00	Wilson	Kansas

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

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	25' 8 5/8	1107	7 7/8

Formation Record

0-8	DIRT	731-738	LIME		
8-12	CLAY	738-744	BLK SHALE (MULKEY)		
12-44	LIME	744-745	COAL		
44-96	SHALE	745-749	LIME		
96-119	LMY SHALE	749-804	SHALE		
119-126	SHALE	804-805	COAL		
126-127	COAL	805-875	SAND		
127-191	SAND / DAMP	875-878	COAL		
156	WENT TO WATER	878-987	SAND		
191-240	SHALE	987-1010	SAND / GOOD ODOR & SHOW		
240-310	LIME	1010-1040	SAND / LIGHT ODOR		
310-346	SHALE	1040-1051	SAND / DECENT ODOR		
346-366	LIME	1051-1052	COAL		
366-372	SHALE	1052-1094	SANDY SHALE		
372-412	LIME	1094-1100	COAL / BLK SHALE		
412-469	SHALE	1100-1107	SANDY SHALE		
469-473	LIME	1107	TD		
473-485	SAND				
485-510	SHALE				
510-543	LIME				
543-578	SANDY SHALE				
578-579	COAL				
579-610	SANDY SHALE				
610-639	SAND (WISER)				
639-640	COAL				
640-660	LIME (PAWNEE)				
660-661	COAL				
661-696	BLACK SHALE				
696-725	LIME (OSWEGO)				
725-731	BLK SHALE (SUMMIT)				