

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	3/14/2013
Date Completed	3/15/2013

Operator	A.P.I.#	County	State
Post Rock Energy	15-205-28107-00-00	Wilson	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
5-10	Grady, James A	5	28	17

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	23' 8 5/8	1082	7 7/8

Formation Record

0-4	MUD	707-712	BLK SHALE (SUMMIT)		
4-30	LIME	712-720	LIME		
30-103	SHALE	720-728	BLK SHALE (MULKY)		
103-105	COAL	728-736	LIME		
105-130	SANDY SHALE	736-749	SANDY SHALE		
130-185	SAND / DAMP	749-751	COAL		
205	WENT TO WATER	751-755	SANDY SHALE		
185-240	SANDY SHALE	755-805	SAND / LT ODOR		
240-313	LIME	805-807	COAL		
313-319	BLACK SHALE	807-840	SAND		
319-325	LIME	840-880	SAND/ SUGAR, WATER		
325-355	SANDY SHALE	880-929	SANDY SHALE		
355-357	COAL	929-960	SAND		
357-365	LIME	960-1000	SANDY SHALE		
365-375	SAND	1000-1050	SAND / WATER		
375-415	LIME	1050-1082	SANDY SHALE		
415-433	SANDY SHALE	1082	TD		
433-450	LIME				
450-470	SANDY SHALE				
470-471	LIME				
471-472	COAL				
472-550	LIME / HARD				
550-610	SAND / HARD				
610-615	LIME				
615-637	SHALE				
637-642	LIME				
642-643	COAL				
643-664	LIME (PAWNEE)				
664-690	BLACK SHALE				
690-707	LIME (OSWEGO)				