

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	<b>12/14/2012</b>
Date Completed	<b>12/17/2012</b>

Operator	A.P.I #	County	State
<b>Post Rock Energy</b>	<b>15-205-28075-00-00</b>	<b>Wilson</b>	<b>Kansas</b>

Well No.	Lease	Sec.	Twp.	Rge.
<b>27-3</b>	<b>Hardin, B</b>	<b>27</b>	<b>28</b>	<b>17</b>

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
<b>Oil</b>	<b>Brantley Thornton</b>	<b>5</b>	<b>24' 8 5/8</b>	<b>1009</b>	<b>7 7/8</b>

**Formation Record**

0-12	MUD	691-701	LIME		
12-20	SAND	701-706	BLK SHALE (MULKY)		
20-22	SHALE	706-707	COAL		
22-24	SAND	7047-711	LIME		
24-32	LIME	711-784	SANDY SHALE		
32-70	SHALE	784-786	LIME (V-LIME)		
70-105	SAND / WET	786-787	SHALE		
1025-150	SHALE	787-789	COAL (CROWBERG)		
150-180	SAND SHALE	789-800	SAND		
180-211	LIME	800-828	SHALE		
211-225	SANDY SHALE	828-830	COAL		
225-235	SAND	830-845	SHALE		
235-250	SHALE	845-847	COAL		
250-275	SAND / DAMP	847-882	SANDY SHALE		
275-310	SHALE	882-883	COAL		
310-335	SHALE / DARK	883-885	SANDY SHALE		
320	WENT TO WATER	885-925	SAND		
335-380	LIME	925-935	SANDY SHALE		
380-450	LMY SHALE	935-936	COAL		
450-475	LIME	936-975	SANDY SHALE		
475-520	LMY SHALE	975-1009	SHALE		
520-535	SHALE	1009	TD		
535-585	SANDY SHALE				
585-586	COAL (MULBERRY)				
586-594	SHALE				
594-624	LIME (PAWNEE)				
624-630	BLK SHALE (LEXINGTON)				
630-664	SANDY SHALE				
664-686	LIME (OSWEGO)				
686-691	BLK SHALE (SUMMIT)				