

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	<b>6/14/2011</b>
Date Completed	<b>6/15/2011</b>

Well No.	Operator	Lease	A.P.I #	County	State
<b>33-1</b>	<b>Post Rock Energy</b>	Tackett, Dale E	<b>15-125-32102-00-00</b>	<b>Montgomery</b>	<b>Kansas</b>

1/4	1/4	1/4	Sec.	Twp.	Rge.
			<b>33</b>	<b>34</b>	<b>17</b>

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
<b>Sean</b>	<b>Gas</b>	<b>4</b>	<b>21' 8 5/8</b>	<b>1031</b>	<b>7 7/8</b>

### Formation Record

0-2	DIRT	416-435	SHALE	876-890	SHALE
2-15	CLAY	430	GAS TEST-6OZ.,1/4 = 4.12	881	GAS TEST - SAME
15-17	RIVERROCK	435-437	COAL	890-910	CHAT/CHIRT (MISS.)
17-40	SHALE	437-440	SHALE	910-1031	LIME
40-44	SAND	440-446	SAND / ODOR	1031	GAS TEST-1#, 1" = 137
44-55	LIME	446-448	BLACK SHALE	1031	TD
55-58	BLACK SHALE	448-462	SHALE		
58-71	LIME	462-463	LIME		
71-76	SHALE	463-468	BLK SHALE		
76-80	SAND	468-469	COAL		
80-90	SANDY SHALE	469-473	SHALE		
90-99	SHALE	473-482	SAND		
99-121	SAND	482-512	SHALE		
121-207	SHALE	512-513	COAL		
207-209	LIME	513-535	SHALE		
209-211	BLK SHALE (MULBERRY)	535-550	SAND		
211-237	LIME (PAWNEE)	550-589	SANDY SHALE		
230	GAS TEST - NO GAS	589-590	COAL		
237-242	BLK SHALE-LEXINGTON	590-630	SHALE		
242-270	SHALE	605	GAS TEST-18OZ.,1/2 =26.6		
255	GAS TEST - NO GAS	630-650	SAND		
270-292	SAND / ODOR	650-653	BLACK SHALE		
292-332	SHALE	653-667	SHALE		
332-366	LIME (OSWEGO)	655	GAS TEST-4 1/2#, 1" = 301		
355	GAS TEST - NO GAS	667-668	COAL		
366-371	BLK SHALE (SUMMIT)	668-818	SHALE		
371-404	LIME	818-821	COAL ?		
380	GAS TEST - NO GAS	821-874	SHALE		
404-409	BLK SHALE (MULKEY)	856	GAS TEST-4#, 1" = 283		
409-416	LIME	874-876	COAL		