

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	<b>6/16/2011</b>
Date Completed	<b>6/17/2011</b>

Well No.	Operator	Lease	A.P.I #	County	State
<b>32-1</b>	<b>Post Rock Energy</b>	<b>Orth, Jill A.</b>	<b>15-099-24650-00-00</b>	<b>Labette</b>	<b>Kansas</b>

1/4	1/4	1/4	Sec.	Twp.	Rge.
			<b>32</b>	<b>33</b>	<b>18 E</b>

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
<b>Sean</b>	<b>Gas</b>	<b>4</b>	<b>22' 8 5/8</b>	<b>981</b>	<b>7 7/8</b>

**Formation Record**

0-3	DIRT	448-450	LIME		
3-7	CLAY	450-454	BLACK SHALE		
7-15	LIME	454-456	COAL		
15-35	SHALE	456-467	SHALE		
35-36	COAL	467-469	BLACK SHALE		
36-40	SHALE	469-473	SHALE		
40-52	LIME	473-475	COAL		
52-54	BLACK SHALE	475-578	SHALE		
54-66	LIME	480	GAS TEST-10 1/2 OZ., 1/2=20 MCF		
66-100	SHALE	578-579	COAL		
100-115	SAND	579-610	SHALE		
115-197	SHALE	610-618	SAND		
197-218	LIME (PAWNEE)	618-625	SANDY SHALE		
218-224	BLK SHALE (LEXINGTON)	625-626	COAL		
224-300	SHALE	626-691	SANDY SHALE		
230	GAS TEST - NO GAS	680	GAS TEST - SAME		
300-334	LIME (OSWEGO)	691-692	COAL ?		
330	GAS TEST - NO GAS	692-823	SHALE		
334-340	BLK SHALE (SUMMIT)	806	GAS TEST - SAME		
355	GAS TEST - NO GAS	823-826	COAL		
340-368	LIME	826-835	SHALE		
368-372	BLK SHALE (MULKY)	831	GAS TEST-3#, 1/2", MCF-59.2		
372-373	COAL	835-845	CHAT/CHIRT (MISS.)		
373-384	LIME	845-900	LIME		
380	GAS TEST-4 1/2OZ, 1/2=13.3 MCF	856	GAS TEST - SAME		
384-415	SHALE	900-932	CHAT/CHIRT		
415-417	COAL	932-981	LMY CHIRT		
417-433	SHALE	981	GAS TEST-1#, 1", MCF-25.8		
433-434	COAL	981	TD		
434-448	SHALE				