

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	<b>7/19/2013</b>
Date Completed	<b>7/22/2013</b>

Operator	A.P.I #	County	State
<b>Post Rock Energy</b>	<b>15-133-27697-00-00</b>	<b>Neosho</b>	<b>Kansas</b>

Well No.	Lease	Sec.	Twp.	Rge.
<b>2-2</b>	<b>Paff, Jerald L</b>	<b>2</b>	<b>30</b>	<b>17</b>

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
<b>Oil</b>	<b>Brantley Thornton</b>	<b>4</b>	<b>25' 8 5/8</b>	<b>1082</b>	<b>7 7/8</b>

**Formation Record**

0-6	MUD	749-751	LIME		
6-25	LMY SAND	751-754	COAL		
25-31	LMY SHALE	754-832	SANDY SHALE		
31-110	SHALE	832-833	COAL		
110-140	LIME	833-905	SANDY SHALE		
140-150	SANDY SHALE	905-929	SAND		
150-225	LIME	929-955	SAND / GOOD ODOR & SHOW		
225-226	COAL	955-1000	SAND / ODOR		
226-230	SANDY LIME	1000-1020	SANDY SHALE / ODOR		
230-250	SHALE	1025	WENT TO WATER		
250-325	LIME	1020-1055	SANDY SHALE / LOTS OF WATER		
325-385	SANDY SHALE	1055-1082	SHALE		
385-425	LIME	1082	TD		
425-440	SANDY SHALE				
440-450	LIME				
450-555	SANDY SHALE				
555-600	LIME (PAWNEE)				
600-601	COAL				
601-608	LIME				
608-623	SANDY SHALE				
623-624	COAL				
624-631	SANDY LIME				
631-658	LIME (OSWEGO)				
658-662	BLK SHALE (SUMMIT)				
662-673	LIME				
673-679	BLK SHALE (MULKY)				
679-682	LIME				
682-728	SANDY SHALE				
728-729	COAL				
729-749	SANDY SHALE				