

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	<b>11/13/2012</b>
Date Completed	<b>11/14/2012</b>

Operator	A.P.I #	County	State
<b>Post Rock Energy</b>	<b>15-133-27605-00-00</b>	<b>Neosho</b>	<b>Kansas</b>

Well No.	Lease	Sec.	Twp.	Rge.
<b>10-3</b>	<b>Mih, Mariam</b>	<b>10</b>	<b>28</b>	<b>19</b>

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
<b>Oil</b>	<b>Brantley Thornton</b>	<b>5</b>	<b>22' 8 5/8</b>	<b>831</b>	<b>7 7/8</b>

**Formation Record**

0-6	MUD	476-480	LIME		
6-40	LIME	480-485	BLACK SHALE		
40-50	SHALE	485-555	SHALE		
50-55	LMY SAND	555-556	COAL		
55-59	SAND	556-565	BLACK SHALE		
59-62	LIME	565-587	SHALE		
62-64	SAND	587-589	COAL		
64-70	SANDY SHALE	589-591	SHALE		
70-73	SAND	591-592	COAL		
73-86	SANDY SHALE	592-610	SANDY SHALE		
86-98	LIME	610-612	COAL		
98-110	SHALE	612-615	BLACK SHALE		
110-140	LIME	615-635	SAND		
140-240	SHALE	635-637	COAL		
240-242	COAL	637-695	SANDY SHALE		
242-245	LMY SAND	695-700	SAND		
245-270	LIME	700-716	SAND / GOOD ODOR & SHOW		
270-285	LMY SAND	716-721	SANDY SHALE		
285-288	BLACK SHALE	721-735	SHALE		
288-292	LIME	735-737	COAL		
292-353	SANDY SHALE	737-742	SAND		
353-361	LIME	742-746	BLACK SHALE		
361-364	COAL	746-771	SHALE		
364-372	SAND / DAMP	771-789	SANDY SHALE		
372-400	LIME (PAWNEE)	789-814	SHALE		
400-425	DARK SHALE	814-831	SAND / VERY LT ODOR		
425-440	SANDY SHALE	831	TD		
440-448	SHALE				
448-472	LIME				
472-476	BLACK SHALE				