

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	4/2/2013
Date Completed	4/3/2013

Operator	A.P.I #	County	State
Post Rock Energy	15-133-27650-00-00	Neosho	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
21-2	Mih, Alexander D	21	28	19

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	21' 8 5/8	782	7 7/8

Formation Record

0-3	MUD	627-635	SAND / DECENT ODOR		
3-40	LIME	635-645	SAND / GOOD ODOR, DARK		
40-50	SAND	645-667	SAND / FAINT ODOR, DARKER		
50-53	LIME	667-700	SANDY SHALE		
53-65	SHALE	700-782	SANDY SHALE / PICKED UP H2O		
65-85	LIME	735	WENT TO WATER		
85-105	SANDY SHALE	782	TD		
105-130	LIME				
130-135	SANDY SHALE				
135-175	LIME				
175-240	SANDY SHALE				
240-265	LIME				
265-330	SANDY SHALE				
330-375	LIME				
375-376	COAL				
376-381	SANDY SHALE				
381-395	LIME				
395-421	SANDY SHALE				
421-443	LIME (OSWEGO)				
443-449	BLK SHALE (SUMMIT)				
449-456	LIME				
456-462	BLACK SHALE				
462-463	COAL (MULKY)				
463-554	SANDY SHALE				
554-556	COAL				
556-562	SANDY SHALE				
562-563	COAL				
563-620	SANDY SHALE				
620-622	COAL				
622-627	SANDY SHALE				