

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	10/31/2012
Date Completed	11/9/2012

Operator	A.P.I #	County	State
Post Rock Energy	15-133-27606-00-00	Neosho	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
20-8	Stich, William A	20	28	19

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	22' 8 5/8	856	7 7/8

Formation Record

0-7	MUD	515-516	LIME		
7-10	SAND	516-545	SANDY SHALE		
10-30	LIME	545-546	COAL		
30-50	SANDY SHALE	546-561	SANDY SHALE		
50-90	LIME	561-562	COAL		
90-107	SHALE	562-582	SANDY SHALE		
107-170	LIME	582-595	COAL		
155	WENT TO WATER	595-622	SAND		
170-215	SHALE	622-627	BLACK SHALE		
215-240	SAND	627-639	SANDY SHALE		
240-253	LIME	639-640	COAL		
253-333	SHALE	640-643	SAND / LT ODOR		
333-337	LIME (PAWNEE)	643-650	SAND / GOOD ODOR		
337-39	COAL	650-670	SANDY SHALE		
339-342	LMY SHALE	670-671	COAL		
342-376	LIME	671-690	SANDY SHALE		
376-380	BLACK SHALE	690-809	SHALE / SAND		
380-401	SHALE	809-810	COAL		
401-411	SAND	810-817	SAND		
411-422	SHALE	817-818	COAL		
422-423	COAL	818-830	SHALE / SAND		
423-424	SHALE	830-831	COAL		
424-446	LIME (OSWEGO)	831-856	SANDY SHALE		
446-454	BLK SHALE (SUMMIT)	856	TD		
454-460	LIME				
460-461	COAL (MULKY)				
461-465	BLACK SHALE				
465-511	SAND				
511-512	LIME				
512-515	SANDY SHALE				