

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	10/26/2012
Date Completed	10/29/2012

Operator	A.P.I #	County	State
Post Rock Energy	15-133-27602-00-00	Neosho	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
29-3	Greve, Richard	29	27	19

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	22' 7" 8 5/8	882	6 3/4

Formation Record

0-10	MUD	454-455	BLACK SHALE	762-763	HARD STREAK
10-13	SANDY CLAY	455-500	SHALE	763-772	SANDY SHALE
13-70	LIME	500-502	LIME	772-785	SHALE
70-77	SAND / DAMP	502-508	BLACK SHALE	785-810	SUGAR SAND / WET
77-81	SAND	508-509	LIME	806	WENT TO WATER
81-181	SANDY SHALE	509-526	SHALE	810-814	COAL
181-190	LIME	526-527	LIME	814-828	CHERTY SAND
190-224	SAND	527-529	SHALE	828-871	SANDY SHALE
224-26	COAL	529-530	COAL (BEVIER)	871-872	COAL (RIVERTON)
226-235	SANDY LIME	530-549	SANDY SHALE	872-881	SHALE
235-245	LIME	549-553	BLK SHALE (CROWBERG)	881-882	CHAT (MISS.)
245-250	SHALE	553-563	SANDY SHALE	882	TD
250-252	COAL/ BLK SHALE	563-564	LIME		
252-260	LIME	564-570	SANDY SHALE		
260-340	SANDY SHALE	570-571	LIME		
340-376	LIME (PAWNEE)	571-582	SANDY SHALE		
376-378	BLK SHALE	582-583	COAL		
378-379	COAL	583-590	SANDY SHALE		
379-400	SHALE	590-612	SAND/ LT ODOR		
400-406	LIME	612-617	SAND/ ODOR, SHOW		
406-418	SAND	617-632	SAND/ LITE TO NO ODOR		
418-419	SANDY SHALE	632-633	LIME		
419-428	LIME (OSWEGO)	633-648	SAND		
428-431	SANDY LIME / ODOR	648-654	SAND / GOOD ODOR		
431-437	LIME	654-670	SANDY SHALE		
437-439	SHALE	670-678	SAND/DARK, GOOD SHOW & ODOR		
439-440	COAL	678-695	SAND, LT ODOR, DARK		
440-446	BLACK SHALE	695-706	SANDY SHALE		
446-452	LIME	706-750	DARK SHALE		
452-454	COAL / BLK SHALE	750-762	SANDY SHALE/ LT ODOR		