

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	6/19/2013
Date Completed	6/20/2013

Operator	A.P.I.#	County	State
Post Rock Energy	15-133-27679-00-00	Neosho	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
14-7	Grosdidier, Francis E	14	28	20

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	4	20' 3" 8 5/8	631	7 7/8

Formation Record

0-13	DIRT	489-495	SHALE		
13-45	SHALE	495-496	COAL		
45-47	COAL / DAMP	496-511	SHALE		
47-50	SHALE	511-518	SAND		
50-92	LIME	518-540	SANDY SHALE		
92-94	COAL	540-555	SAND		
94-100	LIME	555-575	SANDY SHALE		
100-125	SHALE	575-631	SHALE		
125-146	SAND / OIL SHOW	631	TD		
146-170	SHALE				
170-175	LIME				
175-177	COAL				
177-245	LIME (PAWNEE)				
245-255	SHALE				
255-268	SANDY SHALE				
268-291	LIME (OSWEGO)				
291-298	BLK SHALE (SUMMIT)				
298-303	LIME				
303-309	BLK SHALE (MULKY)				
309-312	LIME				
312-325	SAND				
325-400	SHALE				
400-402	LIME				
402-405	SHALE				
405-406	COAL				
406-458	SHALE				
458-460	COAL				
460-472	SANDY SHALE				
472-487	SANDY SHALE/ LT ODOR				
487-489	COAL				