

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	9/27/2013
Date Completed	10/3/2013

Operator	A.P.I #	County	State
Larry Watt	15-125-32395-00-00	Montgomery	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
17	Longhorn	9	35	15

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	4	20' 8 5/8	611	6 3/4

Formation Record

Interval	Formation	Depth	Notes
0-4	MUD	611	TD
4-20	SANDY SHALE		
20-96	SAND		
96-100	COAL		
100-165	SHALE		
165-226	SAND / PICKED UP WATER		
181	WENT TO WATER		
226-227	COAL		
227-230	LIME		
230-255	SANDY SHALE		
255-268	LIME		
268-280	SAND		
280-281	COAL		
281-400	SANDY SHALE		
400-460	SHALE		
460-480	BLK SHALE		
480-485	LMY SAND		
485-493	SANDY SHALE		
493-498	SAND		
498-501	LIME		
501-503	COAL		
503-508	LIME		
508-515	SAND		
515-520	SAND / GOOD ODOR		
520-526	SUGAR SAND/ GOOD SHOW & ODOR		
526-531	SAND / LESS SHOW & ODOR		
531-545	SANDY SHALE		
545-578	SHALE		
578-602	LIME		
602-611	SOFT LIME		