

SCANNED

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	7/13/2012
Date Completed	7/17/2012

Well No.	Operator	Lease	A.P.I #	County	State
N13	Colt Energy	Mitchell Family	15-107-24612-00-00	Linn	Kansas

Trust					
1/4	1/4	1/4	Sec.	Twp.	Rge.
			25	21	21

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Brantley	Oil	4	21'7" 8 5/8	790	6 3/4

Formation Record

0-6	DIRT	652-720	SANDY SHALE		
6-21	LIME	686	GAS TEST - NO GAS		
21-50	LIME	711	GAS TEST - NO GAS		
50-60	SHALE	720-755	SAND / DAMP		
60-100	LMY SHALE	755-757	BLK SHALE / COAL		
100-270	SANDY SHALE	757-758	COAL		
270-277	SHALE / RED BED	758-770	SAND		
277-292	LIME	770-776	SANDY SHALE / CORE POINT		
292-335	SANDY SHALE	776-785	SAND		
335-336	COAL	785-790	DARK SHALE		
336-342	SHALE	790	TD		
342-354	LIME (PAWNEE)				
354-370	SHALE				
370-374	LIME				
374-375	BLK SHALE / COAL				
375-400	SANDY SHALE				
400-410	LIME (OSWEGO)				
410-426	SHALE				
426-436	LIME				
436-438	BLK SHALE / COAL				
438-541	SHALE				
541-542	LIME				
542-543	BLK SHALE / COAL				
543-544	LIME				
544-596	SHALE				
596-597	BLK SHALE / COAL				
597-641	SANDY SHALE				
641-645	BLACK SHALE				
645-650	DARK SHALE				
650-652	LIME				