

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	10/8/2012
Date Completed	10/10/2012



Operator	A.P.I.#	County	State
Colt Energy	15-107-24638-00-00	Linn	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
M11-I	Mitchell Family Trust	25	21	21

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	6	21' 3" 8 5/8	861	6 3/4

Formation Record

Depth	Formation	Depth	Formation	Depth	Formation
0-7	MUD	435-436	BLACK SHALE	861	TD
7-10	SANDY LIME	436-475	SAND		
10-21	LIME	475-515	SHALE		
21-66	LIME	515-517	COAL		
66-70	SHALE	517-530	LIME		
70-72	COAL	530-531	COAL		
72-76	LIME	531-557	SANDY SHALE		
76-83	SAND	557-559	COAL		
83-88	LIME	559-582	LMY SAND		
88-101	SANDY LIME	582-584	COAL		
101-248	SANDY SHALE	584-600	SHALE		
248-249	COAL	600-602	COAL		
249-261	LMY SHALE	602-639	LMY SAND		
261-264	RED SHALE	639-655	LIME		
264-267	SANDY SHALE	655-685	SHALE		
267-284	LIME	685-693	SANDY SHALE		
284-285	SHALE	693-721	SAND		
285-310	SAND	711	G.T.-3#, 3/8"= 6.18 MCF		
310-311	BLACK SHALE	721-732	SANDY SHALE		
311-331	SANDY SHALE	732-766	SAND / DAMP		
331-334	COAL / BLK SHALE	766-786	CORE		
334-341	SANDY SHALE	766-768	LAM. ZEBRA SHALE		
341-345	LIME	768-775	SAND/GOOD OIL SHOW, GAS BLEED		
345-367	SANDY SHALE	775-780	SANDY SHALE		
367-368	COAL	780-785	BLK/GREY SHALE		
368-393	SANDY SHALE	785-786	COAL		
393-394	COAL	785	GAS TEST - SAME		
394-417	SANDY LIME	786-790	BLACK SHALE		
417-425	LIME	790-830	CHAT (MISS.)		
425-435	LMY SHALE	830-861	LIME		