

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	<b>7/19/2012</b>
Date Completed	<b>7/23/2012</b>

Well No.	Operator	Lease	A.P.I #	County	State
<b>L10</b>	<b>Colt Energy</b>	<b>Mitchell Family</b>	<b>15-107-24614-00-00</b>	<b>Linn</b>	<b>Kansas</b>

Trust					
1/4	1/4	1/4	Sec.	Twp.	Rge.
			<b>36</b>	<b>21</b>	<b>21</b>

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
<b>Chris</b>	<b>Oil</b>	<b>4</b>	<b>20' 1" 8 5/8</b>	<b>862</b>	<b>6 3/4</b>

### Formation Record

0-8	DIRT	419-428	LIME	760	CORE POINT
8-44	LIME	428-431	SHALE	760-763	BLACK SHALE
44-48	SHALE	431-432	COAL	763-773	SAND / GOOD OIL SHOW
48-53	BLACK SHALE	432-434	SHALE	773-792	SHALE
53-55	LIME	434-436	LIME	792-808	LMY CHAT
55-73	SHALE	436-450	SHALE	808-809	COAL
73-76	LIME	450-517	SANDY SHALE	809-862	GREY LIME
76-82	LMY SHALE	511	GAS TEST - NO GAS	812	G.T.- 5#, 1/4"= 20.7 MCF
82-84	LIME	517-518	COAL	862	TD
84-95	SANDY SHALE	518-531	SHALE		
95-201	SHALE	531-534	LIME		
201-206	RED BED	534-560	SHALE		
206-270	LIME	560-561	COAL		
270-276	SHALE	561-577	SHALE		
276-283	LIME	577-578	COAL		
283-286	SHALE	578-585	SHALE		
286-290	SAND	585-586	COAL		
290-310	SHALE	586-603	SHALE		
310-311	COAL	603-604	COAL		
311-326	SANDY SHALE	604-642	SHALE		
326-331	SHALE	642-645	LIME		
331-333	COAL	645-700	SHALE		
333-337	SHALE	661	GAS TEST - NO GAS		
337-349	LIME	686	GAS TEST - NO GAS		
349-364	SHALE	700-742	SAND		
364-367	LIME	711	WENT TO WATER		
367-369	BLACK SHALE	742-743	COAL		
369-398	SHALE	743-746	SAND		
398-415	LIME	746-747	COAL		
415-419	SHALE	747-760	SHALE		