

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	<b>7/17/2012</b>
Date Completed	<b>7/19/2012</b>

Well No.	Operator	Lease	A.P.I.#	County	State
<b>L11</b>	<b>Colt Energy</b>	<b>Mitchell Family</b>	<b>15-107-24608-00-00</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>Brantley</b>	<b>Oil</b>	<b>4</b>	<b>21' 9" 8 5/8</b>	<b>862</b>	<b>6 3/4</b>

### Formation Record

0-6	DIRT	363-368	LIME	760-763	SHALE / CORE POINT
6-19	LIME	368-369	COAL	763-766	SANDY SHALE
19-26	SANDY LIME	369-397	SHALE	766-769	SAND / GOOD BLEED
26-27	COAL	386	GAS TEST - NO GAS	769-776	SAND
27-41	LIME	397-400	LIME (OSWEGO)	776-782	SANDY SHALE
41-48	SHALE	400-420	SANDY SHALE	782-783	COAL
48-50	COAL	420-426	LMY SHALE	783-785	SHALE
50-52	SHALE	426-428	COAL	785-793	SAND
52-68	LIME	428-442	SANDY SHALE	793-817	MISS. CHAT
68-75	SHALE	442-444	BLACK SHALE	817-862	GREY LIME
75-76	COAL	444-464	SAND	862	TD
76-79	LIME	461	GAS TEST - NO GAS		
79-82	SHALE	464-476	SANDY SHALE		
82-93	LIME	476-478	LIME		
93-251	SHALE	478-515	SHALE		
251-252	COAL	515-517	COAL		
252-263	SHALE	517-532	SANDY SHALE		
263-268	RED BED	532-533	COAL		
268-286	LIME	533-634	SANDY SHALE		
286-320	SANDY SHALE / DAMP	536	GAS TEST - NO GAS		
286	GAS TEST - NO GAS	561	GAS TEST - NO GAS		
320-321	COAL	634-636	COAL		
321-331	SANDY SHALE	636	GAS TEST - NO GAS		
331-334	COAL	636-712	SAND		
334-336	SANDY SHALE	686	GAS TEST - NO GAS		
336	GAS TEST - NO SHOW	712-717	SAND / DAMP		
336-349	LIME (PAWNEE)	717-718	BLK SHALE / COAL		
349-351	LMY SHALE	718-744	SAND		
351-363	SANDY SHALE	744-745	COAL		
361	GAS TEST - NO GAS	745-760	SANDY SHALE / DARK		