

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	7/28/2011
Date Completed	7/29/2011

Well No.	Operator	Lease	A.P.I.#	County	State
28-1	Post Rock Energy	Nooteboom, Rainer	15-205-27961-00-00	Wilson	Kansas
1/4	1/4	1/4	Ser. 28	Twp. 28 S	Rge. 17 E

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Sean	Gas	8	44' 8 5/8	1220	7 7/8

### Formation Record

0-2	DIRT	630	GAS TEST - NO GAS	1068	G.T. - 1 1/2oz., 1/2" = 13.3 MCF
2-25	CLAY	653-683	LIME	1078-1100	CHAY/CHIRT (MISS.)
25-52	SHALE	680	GAS TEST - NO GAS	1086	G.T. - 2 1/2oz., 1/2" = 34.7 MCF
52-55	LIME	683-689	BLACK SHALE	1100-1164	LIME
55-63	SHALE	689-696	LIME	1164-1220	CHAY / CHIRT
63-111	SAND / LITE ODOR	696-699	BLACK SHALE	1220	GAS TEST - SAME
111-169	SHALE	699-700	COAL	1220	TD
169-172	LIME	700-705	SHALE		
172-175	SHALE	705	G.T. - 2oz., 1/8" = .747 MCF		
175-251	LIME	705-732	SAND		
251-257	SHALE	732-778	SHALE		
257-303	SAND	778-780	COAL		
303	WENT TO WATER	780-795	SHALE		
303-317	LIME	795-818	SANDY SHALE		
317-326	SHALE	818-819	COAL		
326-371	LIME	819-826	SHALE		
371-407	SHALE	826-832	SAND		
407-409	LIME	832-914	SANDY SHALE		
409-440	SHALE	856	G.T. - 18oz., 1/8" = 2.24 MCF		
440-450	LIME	914-915	COAL		
450-481	LMY SHALE	915-929	SHALE		
481-483	LIME	929-1011	SAND		
483-560	SAND	981	G.T. - 10oz., 1/4" = 5.32 MCF		
560-576	SHALE	1011-1013	COAL		
576-579	LIME	1013-1017	SHALE		
580	GAS TEST - NO GAS	1017-1018	COAL		
579-580	COAL	1018-1063	SHALE		
580-612	LIME	1031	GAS TEST - SAME		
612-616	BLACK SHALE	1063-1065	COAL		
616-653	SHALE	1065-1078	SHALE		