

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	5/22/2012
Date Completed	5/24/2012

Well No.	Operator	Lease	A.P.I #	County	State
4-6	Post Rock Energy	Clinesmith	15-205-28013-00-00	Wilson	Kansas

1/4	1/4	1/4	Sec.	Twp.	Rge.
			4	27	15

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Brantley	Oil	4	22' 3" 8 5/8	1432	7 7/8

### Formation Record

0-10	DIRT	550	GAS TEST - NO GAS	980	GAS TEST - NO GAS
10-36	SANDY SHALE	554-584	SANDY LIME	990-994	BLK SHALE (SUMMIT)
36-185	SHALE	584-586	SHALE	994-1002	LIME
185-190	LIME	586-601	LIME	1005	GAS TEST - NO GAS
190-199	SHALE	601-605	SHALE	1002-1017	BLK SHALE (MULKY)
199-201	LIME	605-617	BLK SHALE (STARK)	1017-1025	SHALE
201-203	SHALE	605	GAS TEST - NO GAS	1025-1028	LIME
203-220	LIME	617-629	SHALE	1030	GAS TEST - NO GAS
220-225	LMY SAND	636	WENT TO WATER	1028-1076	SHALE
225-231	LIME	629-678	LMY SHALE	1076-1079	COAL
231-298	SHALE	678-680	BLACK SHALE	1079-1080	LIME
305	GAS TEST - NO GAS	680-706	LIME	1080-1092	SHALE
298-329	LIME	706-793	SHALE	1080	GAS TEST - NO GAS
329-330	SHALE	793-798	LIME	1092-1094	LIME (V-LIME)
330-331	LIME	798-800	SHALE	1094-1096	SHALE
331-388	SHALE	800-802	LIME	1096-1097	COAL (CROWBERG)
388-390	LIME	802-827	SHALE	1105	GAS TEST - NO GAS
390-416	SHALE	806	GAS TEST - NO GAS	1097-1150	SHALE
416-420	LMY SAND	827-830	LIME	1151-1155	BLK SHALE (FLEMING)
420-458	SANDY LIME	830-832	SHALE	1155-1161	SHALE
458-466	SANDY SHALE	832-837	LMY SHALE	1161-1163	BLK SHALE (MINERAL)
466-471	SHALE	837-917	SHALE	1163-1221	SHALE
471-484	SANDY SHALE	917-919	LIME	1221-1241	SANDY SHALE (BVILLE)
484-485	COAL	919-921	BLK SHALE COAL (MULBERRY)	1241-1256	SANDY SHALE/ GOOD ODOR
485-494	LIME	921-936	LIME (PAWNEE)	1256-1285	SAND / GOOD ODOR
494-499	SHALE	936-940	BLACK SHALE	1281	G.T.- 13.5", 1/4 = 6.10 MCF
499-502	LMY SAND	930	GAS TEST - NO GAS	1285-1321	SAND / LIGHT ODOR
500	GETTING DAMP	940-951	LIME	1285	PICKED UP SOME H2O
502-526	SANDY SHALE	951-974	BLACK SHALE	1321-1331	SANDY SHALE
526-554	LIME	974-990	LIME (OSWEGO)	1331-1341	SHALE

