

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	2/18/2013
Date Completed	2/20/2013

Operator	A.P.I #	County	State
Post Rock Energy	15-133-27627-00-00	Neosho	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
14-4	Lightwine, Harold	14	28	18

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	21' 8 5/8	956	7 7/8

Formation Record

0-8	MUD	712-765	SANDY SHALE		
8-60	SANDY SHALE	765-766	COAL		
60-135	LIME	766-775	SANDY SHALE		
135-185	SAND	775-797	SAND		
185-300	LIME	797-808	SAND / GOOD SHOW		
300-330	SANDY SHALE	799	CORE POINT		
330-345	SANDY LIME	808-818	SAND / DECENT SHOW		
345-415	SANDY SHALE	818-832	SAND / WET		
415-425	LIME	832-860	SANDY SHALE		
425-452	SANDY SHALE	860-900	SHALE		
452-458	LIME	900-901	COAL		
458-463	DARK SAND	901-909	SANDY SHALE		
463-465	SHALE	909-910	COAL		
465-485	LIME (PAWNEE)	910-928	SHALE		
485-490	SANDY LIME	928-930	COAL		
490-495	LIME	930-956	SHALE		
495-542	SANDY SHALE	956	TD		
542-562	LIME (OSWEGO)				
562-570	BLK SHALE (SUMMIT)				
570-574	LIME				
574-578	BLK SHALE (MULKY)				
578-581	LIME				
581-670	SANDY SHALE				
670-672	COAL				
672-681	SANDY SHALE				
681-682	COAL				
682-701	SANDY SHALE				
701-702	COAL				
702-711	SAND				
711-712	COAL				