



Thornton Air Rotary, LLC

PO Box 449
Caney, KS 67333

Date	Invoice #
1/22/2013	296-2

Phone # 620-879-2073 E-Mail
Fax # 620-879-2073 thorntonairrotary@hotmail.com

Bill To
Post Rock Energy Corporation 210 Park Avenue, Suite 2750 Oklahoma City, OK 73102

Terms
Due on receipt

Description	Footage/Quantity	Rate	Amount
Carlson, Barry L Well # 5-3	1,107	8.50	9,409.50

We appreciate the opportunity to work for you!		Total	\$9,409.50
		Payments/Credits	\$0.00
		Balance Due	\$9,409.50

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	1/11/2013
Date Completed	1/18/2013

Operator	A.P.I #	County	State
Post Rock Energy	15-205-28068-00-00	Wilson	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
5-3	Carlson, Barry L	5	28	17

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	22' 8 5/8	1107	7 7/8

Formation Record

0-4	MUD	793-804	SANDY SHALE		
4-10	SHALE	804-805	COAL		
10-12	LIME	805-837	SANDY SHALE		
12-100	SHALE	837-838	COAL		
100-120	LIME	838-867	SAND		
120-208	SANDY SHALE	867-868	COAL		
208-209	COAL	868-880	SANDY SHALE		
209-220	SANDY SHALE	880-890	SAND / LIGHT ODOR		
220-235	LIME	890-936	SANDY SHALE		
235-252	SANDY LIME	936-973	SAND		
252-256	SAND	973-974	COAL		
256-390	SANDY LIME	974-990	SAND		
390-486	SANDY SHALE	990-1035	SAND / GOOD ODOR & SHOW		
486-530	LIME	1035-1050	SAND / LT ODOR		
530-605	SANDY SHALE	1050-1107	SHALE		
605-636	LIME (PAWNEE)	1107	TD		
636-645	SHALE				
645-670	LIME (OSWEGO)				
670-678	BLK SHALE (SUMMIT)				
678-686	LIME				
686-694	BLK SHALE (MULKY)				
694-698	LIME				
698-710	SHALE				
710-728	SAND				
728-740	SHALE				
740-742	LIME				
742-768	SANDY SHALE				
768-769	COAL				
769-792	SAND				
792-793	COAL				