



Thornton Air Rotary, LLC

PO Box 449
Caney, KS 67333

Invoice

Date	Invoice #
12/7/2012	284-1

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
Bailey, Marion Well # 14-5	1,081	8.50	9,188.50

We appreciate the opportunity to work for you!		Total	\$9,188.50
		Payments/Credits	\$0.00
		Balance Due	\$9,188.50

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	11/30/2012
Date Completed	12/4/2012

Operator	A.P.I #	County	State
Post Rock Energy	15-133-27610-00-00	Neosho	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
14-5	Bailey, Marion	14	28	18

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	21' 8 5/8	1081	7 7/8

Formation Record

0-7	MUD	459-466	SHALE	1077-1081	CHAT
7-11	SAND	466-504	LIME (PAWNEE)	1081	TD
11-46	SHALE	504-508	BLK SHALE (LEXINGTON)		
46-49	LIME	508-546	SHALE		
49-54	SHALE	546-568	LIME (OSWEGO)		
54-56	LIME	568-573	BLK SHALE (SUMMIT)		
56-60	SHALE	573-580	LIME		
60-87	LMY SHALE	580-586	BLK SHALE (MULKY)		
87-95	SAND	586-674	SHALE		
95-120	LIME	674-675	COAL		
120-130	SHALE	675-677	BLACK SHALE		
130-134	SAND	677-735	SHALE		
134-140	SHALE	735-750	SAND / ODOR		
140-155	SAND / DAMP	750-780	SANDY SHALE		
155-191	SANDY LIME	780-790	SAND / LT ODOR		
191-200	SHALE	790-795	SAND /DECENT ODOR		
200-202	LIME	795-840	SAND / ODOR		
202-210	SANDY SHALE	840-895	SHALE		
210-215	SHALE	895-915	BLACK SHALE		
215-265	LIME	915-920	SHALE		
265-272	SAND / ODOR	920-970	SANDY SHALE		
272-282	LME	930	WENT TO WATER		
282-287	SAND	960	GAS TEST - SLIGHT BLOW		
287-300	BLACK SHALE	970-994	SHALE		
300-332	SHALE	994-995	COAL (RIVERTON)		
332-340	LIME	995-1008	SHALE		
340-350	SAND	1008-1050	CHAT /CHERT (MISS.)		
350-420	SANDY SHALE	1050-1053	LIME		
420-458	SHALE	1053-1055	CHAT		
458-459	COAL (MULBERRY)	1055-1077	LIME		