



Thornton Air Rotary, LLC

PO Box 449
Caney, KS 67333

Date	Invoice #
12/7/2012	285-1

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 # 14-4	1,082	8.50	9,197.00

We appreciate the opportunity to work for you!	Total	\$9,197.00
	Payments/Credits	\$0.00
	Balance Due	\$9,197.00

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	12/4/2012
Date Completed	12/6/2012

Operator	A.P.I #	County	State
Post Rock Energy	15-133-27609-00-00	Neosho	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
14-4	Bailey, Marion	14	28	18

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	22' 8 5/8	1082	7 7/8

Formation Record

0-10	MUD	462-500	LIME (PAWNEE)		
10-15	SAND	500-505	BLK SHALE (LEXINGTON)		
15-19	LIME	505-542	SHALE		
19-22	SANDY SHALE	542-564	LIME (OSWEGO)		
22-27	SAND	564-568	BLK SHALE (SUMMIT)		
27-37	SANDY SHALE	568-576	LIME		
37-38	LIME	576-580	BLK SHALE (MULKY)		
38-40	SHALE	580-584	LIME		
40-41	LIME	584-675	SANDY SHALE		
41-58	SANDY SHALE	675-677	COAL		
58-65	LIME	677-715	SAND		
65-70	SAND	715-730	SAND/ FAINT ODOR		
70-100	LMY SAND	730-755	SAND		
100-125	LMY SAND /DAMP	755-775	SHALE		
125-128	BLK SHALE / COAL	775-795	SAND		
128-134	SAND	795-810	SAND/ GOOD ODOR		
134-160	SHALE	810-820	SAND/GOOD ODOR & BLEED		
160-161	COAL	820-825	SAND /LT ODOR		
161-170	SHALE	825-908	SHALE		
170-190	LIME	908-915	BLACK SHALE		
190-210	SHALE	915-925	SANDY SHALE		
210-211	LIME	925-928	BLK SHALE / COAL		
211-216	BLACK SHALE	928-990	DARK SHALE		
216-222	SANDY SHALE /DAMP	990-991	COAL (RIVERTON)		
222-283	LMY SAND	991-1004	SHALE		
283-330	SHALE	1004-1041	CHAT /CHERT (MISS.)		
330-336	LIME	1041-1070	LIME		
336-454	SANDY SHALE	1070-1082	CHAT		
454-455	COAL (MULBERRY)	1082	TD		
455-462	SHALE				