



# BISON

Bison Oil Well Cementing Inc.  
 1547 Gaylord Street  
 Denver, CO 80206  
 303-296-3010

## Invoice

Date	Invoice #
3/20/2013	11859

Bill To
Noble Energy Inc. Attn: Accounting 1625 Broadway Ste 2000 Denver, CO 80202

Location	Well Name & No.	Terms	Job Type		
Weld CO	Bronco State <del>AF-10</del> 64-1HN	Net 30	Surface Pump		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1			
Discount 15%	Discount 15%				
MILEAGE	Mileage charge	360			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
HOURS	Wait Time	1.5			
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	329	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	oz		
Discount 15%	Discount 15%				
Sugar	Sugar	50	lb		
Discount 15%	Discount 15%				
	Subtotal of Materials				

Please Remit Payment To:

Bison Oil Well Cementing, Inc.  
 P.O. Box 29671  
 Thornton, CO 80229

Subtotal	\$7,739.20
Sales Tax (2.9%)	\$226.77
<b>Total</b>	<b>\$7,965.97</b>
Balance Due	\$7,965.97

# BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street  
Denver, Colorado 80206  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net



INVOICE #  
LOCATION  
FOREMAN

11859  
52-62  
Mike Rosen

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
3-20-13	BRONCO STATE AE-10 64	10	5N	62W	Weld
BILL TO	1-11N	CONSULTANT			
Noble		Johnny			
OWNER		RIG NAME & NUMBER			
Noble		H+B 343			
MAILING ADDRESS		DISTANCE TO LOCATION	UNITS ON LOCATION		
		61 miles	4207 4019		
CITY		TIME REQUESTED	TIME ARRIVED ON LOCATION		
		9:30	9:15pm		
STATE, ZIP		TIME LEFT LOCATION			
		2:30 Am			
WELL DATA		Cement Makeup			
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BFW HT BECA-1 SH BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
5985	59287			152	127
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			1525	.0273	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
			<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> MISC Pump <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> P&A		
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE		
36 #			140.8		
CASING CONDITION	Good		% Excess		
			18%		
Max Rate	5.0		BBL to Pit		
Max Pressure	500		10		

## DESCRIPTION OF JOB EVENTS

Safety met with Bison, REG up at 10:15 PM. TSA TEST, 40 BBL SPACER  
PSE TEST, 500 max + Pump 361 shots or on 1000 pump. STOPES USE  
Drop Plug Dispense 42-4 BBL, Pump Plug 150 + 10, wanted 5 min Bleed &  
PSE Flow Collar held

Authorization To Proceed

Title

X 3-20-13  
Date

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.