



# BISON

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

## Invoice

Date	Invoice #
10/4/2013	12738

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	<i>Roller</i> Rhon State LD09-6711N	Net 30	Surface Pipe		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1			
Discount 15%	Discount 15%				
MILEAGE	Mileage charge	420			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	473	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	3	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	10	oz		
Discount 15%	Discount 15%				
Sugar	Sugar	50	lb		
	Subtotal of Materials				

Please Remit Payment To:

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

Subtotal

Sales Tax

Total

Balance Due

# 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 #

12738

LOCATION

127-110

FOREMAN

Kirk

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
10-4-13	Polys state (DOG-67112)				Weld
BILL TO	CONSULTANT				
OWNER	RIG NAME & NUMBER				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
STATE, ZIP	TIME LEFT LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BENTONITE 3% BUA 1.25 lbs per sack BSL-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
1236			13.1/152	1.67/1.27	8.63/5.89
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			5250	10773	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
1232			<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A		
CASING WEIGHT	PACKER DEPTH	HYD HHP = RATE X PRESSURE / 40.8			
3615		% Excess <u>20%</u> BBL to Pit <u>5</u>			
CASING CONDITION					
Max Rate					
Max Pressure					

## DESCRIPTION OF JOB EVENTS

7/10/2010  
Safety meeting, Rig up, PST test, Perforation 30 BBLs KILLH2O mix Pump 373 SKS  
cement at 13.1 lb at 119 yield, mix Pump 100 SKS cement at 152 lbs at 1127 yield, Release  
plug Disp 91.4 BBLs H2O, Pump Plug At 150 PST over Lift PST wait 5 min Release  
PST wash up Rig down.

X

Authorization To Proceed

Title

X/10-4-13  
Date

Customers hereby acknowledges and specifically agrees 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.