



# BISON

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

## Invoice

Date	Invoice #
6/19/2013	11964

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Wells Ranch USXAA23-68-1H	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	360			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	346	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	5	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	10	oz		
Discount 15%	Discount 15%				
	Subtotal of Materials				

Please Remit Payment To:

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

**Subtotal****Sales Tax (2.9%)****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 #

LOCATION

FOREMAN

11964

6867

Rick

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-19-13	WBR PCUSX 23-68-1H2	24	6N	63W	Weld
BILL TO		CONSULTANT			
Noble		Reje Foster			
OWNER		RIG NAME & NUMBER			
		H&P 343			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
				3103-3211	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		11:30 am		10:00 am	
STATE, ZIP		TIME LEFT LOCATION			
		2:30 pm			

### WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
674		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
664		
CASING WEIGHT	PACKER DEPTH	
36 lb		
CASING CONDITION <u>Good</u>		
Max Rate <input type="text"/>		
Max Pressure <input type="text"/>		

### Cement Makeup

Cement Blend	BFNIII 3/4 BCCA-1, 25 Hspc SK BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	1512	1.27	5.89
Annulus Factor		Capacity Factor	
.5258		.0773	
<p>TYPE OF TREATMENT</p> <p><input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze</p> <p><input type="checkbox"/> MISC Pump <input type="checkbox"/> P&amp;A</p>			

HYD HHP = RATE X PRESSURE / 40.8

% Excess

BBL to Pit

10%

8 BBLs

### DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSI test, Per remain for 50 BBLs H2O 2nd 100/Dye, mix & Pump 409 SPS cement at 30% excess at 1.27 yield at 15.2 lbs or until stopped By remain, Release Plug Disp 48 BBLs H2O Pump Plug At 150 psi over Lift PSI and soon Release PSI wash up Rig Down.

[Signature]  
Authorization To Proceed

WSS  
Title

X 6-19-13  
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.