



# BISON

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

## Invoice

Date	Invoice #
8/6/2013	12442

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 USXAA27-67-1H	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%				
Service Charge	Casing Test	1			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	326	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	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

<b>Subtotal</b>	\$7,753.36
<b>Sales Tax (2.97%)</b>	\$227.93
<b>Total</b>	\$7,981.29
<b>Balance Due</b>	\$7,981.29

# 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

12442  
 68469  
 Kirk

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
8-6-13	WR USK AA 27-62-1HM	27	6N	63W	weld
BILL TO	CONSULTANT				
Noble	Roger				
OWNER	RIG NAME & NUMBER				
	H+P 277				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCTION		
			3106 - 3210		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	730 Pm		700 Pm		
STATE, ZIP	TIME LEFT LOCATION				

WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BFNII 3% BCC-1 .2516 BFLA-1	
12 3/4			Cement - Specs	lbs	Yield
				15.2	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
634			.5258	.0773	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	TYPE OF TREATMENT		
9 7/8			<input checked="" type="checkbox"/> Surface Pipe	<input type="checkbox"/> Production	<input type="checkbox"/> Squeeze
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	<input type="checkbox"/> MISC Pump	<input type="checkbox"/> P&A	
624			HYD HHP = RATE X PRESSURE / 40.8		
CASING WEIGHT	PACKER DEPTH		% Excess	10	
36			BBL to Pit	16	
CASING CONDITION	Good				
Max Rate					
Max Pressure					

### DESCRIPTION OF JOB EVENTS

safety meeting mFRU Pressure test Per Company man Pump 40 bbls H2O kel with dye in 2nd 10 mix + Pump 372 sks cement drop Plug Dump 44-966bbls H2O Bump plug 150 psr above l.ft Pressure release plug wash up Rig down

X Martin Brady  
 Authorization To Proceed

\_\_\_\_\_  
 Title

X 8-6-13  
 Date