



# BISON

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

## Invoice

Date	Invoice #
6/11/2013	11985

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 USX AA23-69-1	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	327	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	5	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	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 (2.9%)

Total

Balance

# BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street  
Denver, Colorado 80206  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: blsonoil1@qwestoffice.net



INVOICE #  
LOCATION  
FOREMAN

11985  
Wells Ranch  
Colvin REINERS

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-11-13	Wells Ranch PC USX 11.23-69.14N	23	6N	63W	Weld
BILL TO	CONSULTANT				
Noble	Johnny S.				
OWNER	RIG NAME & NUMBER				
Noble	H&P Rig 343				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	31 miles		3106/3210		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	4:00pm		3:15pm		
STATE, ZIP	TIME LEFT LOCATION				
	8:30pm				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BFA 3% BCCA-1.25165/BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
663				15.2	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			.5259	.0773	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
658.06			<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 / 40.8		
36 lb.					
CASING CONDITION	Good		% Excess		
			10		
Max Rate	7		BBL to Pit		
Max Pressure	2500		7		

## DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting, Psi test to 500 Psi, Circ 50 bbls H<sub>2</sub>O with KCL + Pink Dyex 16 in 2<sup>nd</sup> 10 bbls, Mix & Pump until good dye is seen at 15.2 lbs 1.27 yield, Drop plug, Displace 47.8 bbls H<sub>2</sub>O, Bump plug at 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Washup, Rig down

X   
Authorization To Proceed

Title

x6-11-13  
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.