



# BISON

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

## Invoice

Date	Invoice #
7/16/2013	11827

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 USXAA23-66-III	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	380			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
Service Charge	Iron Inspection	1			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	670	Sack		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	oz		
Discount 15%	Discount 15%				
Sugar	Sugar	100	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 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

11827  
Wells Ranch  
Brook Kasinski

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
July 16 2013	USX AA-23-66-1 HAN				
BILL TO	CONSULTANT				
1 Noble Energy					
OWNER	RIG NAME & NUMBER				
	H&P 321				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	35.		4022/3104/4015/111		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	8:30		8:30		
STATE, ZIP	TIME LEFT LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	Type 3 3% cca 1/4 sk cclafalok	
13 3/4			Cement - Specs	lbs	Yield
				15.2	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
640.4			.5258	.0773	
CASING SIZE	TUBING WEIGHT	OPEN HOLE			
9 5/8					
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
629.5			<input 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				
CASING CONDITION	Good				
Max Rate	5				
Max Pressure	1750				
HYD HHP = RATE X PRESSURE / 40.8					
% Excess					
BBL to Pit					

## DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting PSI test are lines to 1000 psi released PSI broke  
Circulation pump 10 Fresh 10 dye 35 fresh M+P 670 sks Drop plug  
dis 45.35 bbls of H<sub>2</sub>O pump plug to see if float hold release  
pressure then do a PSI test for casing to 1000 psi

16 to the Pit

X   
Authorization To Proceed

WSS  
Title

x July 16 2013  
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.