



# BISON

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

## Invoice

Date	Invoice #
7/2/2013	12000

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Nakagawa B13-64-IIN	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	PSI Test	1			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	339	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	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

12000  
388+59  
Calvin Reimers

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7-2-13	Nakagawa B13-64-14N	13	5N	64W	Weld
BILL TO	CONSULTANT				
Noble	Lane F / Matt S				
OWNER	RIG NAME & NUMBER				
Noble	H&P Rig 330				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	20 miles		3106/3210		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	5:00 AM		3:30 AM		
STATE, ZIP	TIME LEFT LOCATION				
	9:15 AM				

## WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BFNTII 3% BCCA-1.25T65K BFLM-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
605				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		
601.14			<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		
3616					
CASING CONDITION	Good		% Excess	26	
Max Rate	7		BBL to Pit	17	
Max Pressure	2500				

## DESCRIPTION OF JOB EVENTS

MIRU, Safety Meeting, Psi Test to 1000 Psi, CICA 40666. H2O with KCL + Pink Dye x 16 in 2nd 10666, Max + pump tell good dye is seen at 15.2 lbs. 1.27 yield, Drop plug, Displace 43.1666 H2O, Bump plug at 150 Psi over Lift Psi, Wait 5 min then bleed off Psi, Do casing Psi Test To 1000 Psi for 15 min. then bleed off Psi, Washup, Rig down,

X  
\_\_\_\_\_  
Authorization To Proceed

\_\_\_\_\_  
Title

X 7-2-13  
\_\_\_\_\_  
Date

Customer 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