



# BISON

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

## Invoice

Date	Invoice #
8/23/2013	12451

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 USXAA13-68-H1	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	369	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

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: bisonoil1@qwestoffice.net



INVOICE #

LOCATION

FOREMAN

12451

68-69

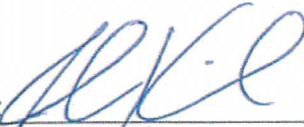
Kirk

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
8-23-13	Wells Ranch USX AA 13-68-111	18	6N	62W	Weld
BILL TO	CONSULTANT				
Wable	Stetson / Josh				
OWNER	RIG NAME & NUMBER				
	H&P 321				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
			3/04-3210		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	6:30pm		5:30pm		
STATE, ZIP	TIME LEFT LOCATION				
	10:00pm				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BFN III 3% BCL 17, 25 lbs per sack BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
630				15.2	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor		
9 5/8			15758		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	Capacity Factor		
620			10773		
CASING WEIGHT	PACKER DEPTH	TYPE OF TREATMENT			
36 LB		<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 CONDITION	Good	HYD HHP = RATE X PRESSURE / 40.8			
Max Rate		% Excess			
Max Pressure		30%			
		BBL to Pit			
		19 BBLs			

## DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSF test, Perelman rig 40 BBLs KELH20 2nd 104 Pys mix & Pump  
369 SKS cement at 30% Excess at 1.27 yield at 15.2 lbs or until stopped by cement  
Release Plug Disp 44.6 BBLs H2O, Bump Plug at 150 PSF over L.P. PSF wait 5 min  
Release PSF wash up Pig Down

X   
Authorization To Proceed

WSS  
Title

X 8-23-13  
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.