



# BISON

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

## Invoice

Date	Invoice #
6/22/2013	11968

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 AE07-63HN	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	457	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	qt		
Discount 15%	Discount 15%				
Dye - Blue	Dye Blue	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 D	

# 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

11968  
68-69  
Kirk

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-22-13	Wells People USA A-607-63-HV	12	6N	63W	Weld
BILL TO		CONSULTANT			
NCHC		H&P 322 Jerry			
OWNER		RIG NAME & NUMBER			
		H&P 322			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
				3103-3205	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		7:00am		9:00 am	
STATE, ZIP		TIME LEFT LOCATION			
		12:00 pm			

### WELL DATA

### Cement Makeup

HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend
13 3/4			BFWID 3% BFA-1 25 lbs per sk BFA-1
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs
637			lbs Yield Water Requirements
			15.2 1.27 5.89
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor
9 5/8			5258
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	Capacity Factor
630			10773
CASING WEIGHT	PACKER DEPTH	TYPE OF TREATMENT	
36 15		<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		52%	
		BBL to Pit	
		7 BBS	

### DESCRIPTION OF JOB EVENTS

Se. Fly meeting, Rig up, PSI test, Permen. test 40 BBS H2O 2-1/2" Dye, mix & Pump 391 sks cement at 30% Excess at 1.27 yield at 15.2 lbs or until stopped by cement, Release Plug Disp 45 BBS H2O Pump Plug At 150 psi over Lift PSI wait 5 min Release PSI, casing test washup Rig Down

X Title X 6-22-13 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.