



BISON

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

Invoice

Date	Invoice #
5/30/2013	11800

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Jenkins B11-79-1HCM	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-Truck	220			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	453	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	3	qt		
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

11800
Cr 388-57 1/2
Brook Koenig

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
May 30 2013	Jenkins B.H-78-1 HCA	11	5N	64W	Weld
BILL TO	CONSULTANT				
Noble Energy					
OWNER	RIG NAME & NUMBER				
MAILING ADDRESS					
DISTANCE TO LOCATION		UNITS ON LOCATION			
22.4		3104, 4024, 10.2			
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
			11:15		
STATE, ZIP	TIME LEFT LOCATION				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
788		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
742.87		
CASING WEIGHT	PACKER DEPTH	
36		
CASING CONDITION	Good	
Max Rate	5	
Max Pressure	14,000 2,500	

Cement Makeup

Cement Blend	BFN 3% RCCA-1.2516SK BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	15.2	1.27	5.89
Annulus Factor	Capacity Factor		
.5221	.0773		

TYPE OF TREATMENT

<input checked="" type="checkbox"/> Surface Pipe	<input type="checkbox"/> Production	<input type="checkbox"/> Squeeze
<input type="checkbox"/> MISC Pump	<input type="checkbox"/> P&A	

HYD HHP = RATE X PRESSURE / 40.8

% Excess	40
BBL to Pit	15

DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting, Break Circulation 10 fresh 10 dya 35 fresh M+P 30%
PSI test to 500 ——— excess 421 gals, 75 bbls of Dis. 95.22 bbls of slurry 15.2 lb
1.27 yld, Drop plug dis 75 bbls of H₂O Bump plug 500 over Lift PSI wait 5 min
then bleed off PSI wash up Rig down

X [Signature]
Authorization to Proceed

NEI WSS
Title

X May 30 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.