



BISON

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

Invoice

Date	Invoice #
8/4/2013	11843

Bill To

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Trebro B11-6-9-1HN	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	500	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

118413
H&P Rig 330
Brad Kosinski

TREATMENT REPORT

DATE <u>Aug 4 2013</u>	WELL NAME <u>Treble B 11691 H&P</u>	SECTION	TWP	RGE	COUNTY
BILL TO <u>Noble Energy</u>	CONSULTANT <u>David Denek</u>				
OWNER	RIG NAME & NUMBER <u>H&P 330</u>				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION <u>4022/3104/4011/111</u>		
CITY	TIME REQUESTED <u>21</u>		TIME ARRIVED ON LOCATION <u>8:50</u>		
STATE, ZIP	TIME LEFT LOCATION				

WELL DATA

Cement Makeup

HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	Cement Blend <u>Typ 3 3% CCA 1/4 set back</u>
TOTAL DEPTH <u>675</u>	TUBING DEPTH	SHOTS/FT	Cement - Specs lbs <u>15.2</u> Yield <u>1.27</u> Water Requirements <u>5.89</u>
CASING SIZE <u>9 5/8</u>	TUBING WEIGHT	OPEN HOLE	Annulus Factor <u>.5258</u> Capacity Factor <u>.0773</u>
CASING DEPTH <u>665</u>	TUBING CONDITION	TREATMENT VIA	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
CASING WEIGHT <u>36</u>	PACKER DEPTH		
CASING CONDITION <u>Good</u>			
Max Rate			HYD HHP = RATE X PRESSURE / 40.8
Max Pressure			% Excess
			BBL to Pit <u>15</u>

DESCRIPTION OF JOB EVENTS

for 1000 psi
MIRU, Safety meeting, Pressure test are lines, Break circulation
Pump 10F 10D 38F H&P 500 sks Drop plug Dis 48.1 bbls of H₂O
land plug hold for 15 min to see if floats hold then do a
pressure test to 1000 on casing. Clean up rig down.

David Denek
Authorization To Proceed

WSS
Title

X Aug 4 2013
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.