



BISON

Bison Oil Well Cementing Inc.
Suite 102
Denver, CO 80202
303-296-3010

Invoice

Date	Invoice #
1/1/2013	11181

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	SLW Ranch B01-68-HIN	Net 30	Surface		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1			
Discount 15%	Discount 15%				
MILEAGE	Mileage charge	420			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	331	Sack		
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	37,305.49
Sales Tax (2.9%)	1,081.87
Total	38,387.36
Balance Due	38,387.36

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 11181
LOCATION Kersey
FOREMAN Mike Eschen

TREATMENT REPORT

DATE <u>1-1-2013</u>	WELL NAME <u>SLW Ranch 301-48-1H</u>	SECTION <u>1</u>	TWP <u>SN</u>	RGE <u>64W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER <u>Noble</u>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>H&P Rig 315</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>60 miles</u>				
TIME ARRIVED ON LOCATION <u>6:45 PM</u>		TIME LEFT LOCATION <u>12:45 AM</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4"</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>631</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>620.84'</u>	PBTD <u>578.47'</u>	TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>36 #</u>	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION <u>good</u>			<input checked="" type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SQUEEZE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input type="checkbox"/> ACID STIMULATION <input type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PUMP <input type="checkbox"/> OTHER		
PRESSURE SUMMARY			BREAKDOWN BPM INITIAL BPM FINAL BPM MINIMUM BPM MAXIMUM BPM AVERAGE BPM HYD HHP = RATE X PRESSURE X 40.8		
BREAKDOWN or CIRCULATING psi	AVERAGE psi				
FINAL DISPLACEMENT psi	ISIP psi				
ANNULUS psi	5 MIN SIP psi				
MAXIMUM psi	15 MIN SIP psi				
MINIMUM psi					

INSTRUCTIONS PRIOR TO JOB

MIRV, Safety Meeting, Pressure test 1000psi, Circ. 10 BBLs Freshwater 10 BBL Dye 30 BBL Fresh, MTP Cement Type 3 w/ 3% cal, 25 lb/sk cellulose 15.2 bag 1.27 yield 5.8 gal/sk, shutdown, drop plug, displace 44.74 BBL, Land plug, pressure test csg for 15 min, Bleedoff and Rigdown Perfect Hole 255 sks 57.7 BBLs Excess 30 Annulus # .0937 BBL/A Capacity # .0773 381 sacks 74.9 BBLs

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

MIRV S+M Pressure test Circ M&P Drop plug fine Displace Psi Land plug csg test
 6:45 PM 7:20 9:16 9:23 9:54-10:20 10:22 0 10:42 10:47-11:02
 10:26 10 160 PSI 650 psi 1000 psi
 10:29 20 210 PSI
 10:32 30 270 PSI
 10:35 40 330 PSI
 10:42 44.74 BBL 320 PSI

10 BBLs to Pit

Steve [Signature]
AUTHORIZATION TO PROCEED

WISS noble
TITLE

1-1-13
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.