



BISON

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

Invoice

Date	Invoice #
12/31/2012	11682

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Ptasnik LC28-76HN	Net 30	Surface		
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 Winter ...	BFN III Blend	357	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	
Sales Tax (2.0%)	
Total	
Balance Due	

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 # 11682
LOCATION _____
FOREMAN Mike Exhen

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-31-12	Prasnik LC28-76 HW	28	9N	59W	Weld	

CHARGE TO	Noble Energy	OWNER	
MAILING ADDRESS		OPERATOR	Noble Energy Inc
CITY		CONTRACTOR	H&P Rig 326
STATE ZIP CODE		DISTANCE TO LOCATION	70 miles
TIME ARRIVED ON LOCATION	1:45 AM	TIME LEFT LOCATION	10:45 AM
	Req 4:00 AM		

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	13 3/4"	TUBING SIZE		THEORETICAL	INSTRUCTED
TOTAL DEPTH	641'	TUBING DEPTH		SURFACE PIPE ANNULUS LONG	
PB 586.7'		TUBING WEIGHT		STRING	
CASING SIZE	9 5/8"	TUBING CONDITION		TUBING	
CASING DEPTH	631.7'	Packer			
CASING WEIGHT	36 #	PACKER DEPTH			
CASING CONDITION	Good				

PRESSURE SUMMARY			TYPE OF TREATMENT		TREATMENT RATE	
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
FINAL DISPLACEMENT	psi	ISIP	psi	<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
ANNULUS	psi	5 MIN SIP	psi	<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
MAXIMUM	psi	15 MIN SIP	psi	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
MINIMUM	psi			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
				<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
				<input type="checkbox"/> MISC PUMP		
				<input type="checkbox"/> OTHER		

INSTRUCTIONS PRIOR TO JOB

MIRU, Safety Meeting, Pressure test lines 1000psi, Circ. 10 Frac-10 BBD 3000' M&P Cement, Typ 3 w/3% Calcium, 2510 B/K Cellulose 15.2ppm 1.27 cu ft/sk 5.8 gal/sk water req, Shutdown, Drop plug, Displace 45.35 BBS, Shutdown, shut in Well, Rig down
Annulus # 5259 cu ft/sk Excess % 10 Capacity .0773 BBS/ft

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

MIRU @ 2:00 AM. Safety Meeting Circ M&P Drop plug Displace
8:06 AM 9:00 9:16-9:37 9:40 Time 0 9:59
9:45 10 220 Held
9:47 20 310
9:50 30 320
9:54 40 300
9:59 45 BBS 650 psi

15 BBS to Pit

12-31-12

AUTHORIZATION TO PROCEED

TITLE

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