



BISON

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

Invoice

Date	Invoice #
10/25/2012	11280

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 AE 18-67-11N	Net 30	Surface Pump		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
Discount 15%	Discount 15%			-15.00%	-210.00
MILEAGE	Mileage charge	360		1.50	540.00
Discount 15%	Discount 15%			-15.00%	-81.00
Data Acquisition ...	Data Acquisition Charge	1		225.00	225.00
Discount 15%	Discount 15%			-15.00%	-33.75
HOURS	Pressure Test	1		500.00	500.00
	Subtotal of Services				2,340.25
BFN III Summer ...	BFN III Blend	399	Sack	18.50	7,381.50T
Discount 15%	Discount 15%			-15.00%	-1,107.23
KCL Mud Flush	(BHS 117)	4	qt	7.50	30.00T
Discount 15%	Discount 15%			-15.00%	-4.50
Dye - 4880	Dye (Hot Pink 4880)	16	oz	15.00	240.00T
Discount 15%	Discount 15%			-15.00%	-36.00
	Subtotal of Materials				6,503.77

Please Remit Payment To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$8,844.02
Sales Tax (2.9%)	\$188.61
Total	\$9,032.63
Balance Due	\$9,032.63

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 # 11280
 LOCATION Wells Ranch
 FOREMAN Mike Rosale

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-25-12	Wells Ranch AE 18-67-1 H6	17	G	43	Weld	
CHARGE TO <u>Noble</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Noble</u>			
CITY			CONTRACTOR <u>H+P 315</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>4:15 PM</u>			TIME LEFT LOCATION <u>8:30 PM</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>632</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PRTN 581.14</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9.518</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>622</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>36 1/8</u>	PACKER DEPTH	<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION <u>GOOD</u>		<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM	
		<input type="checkbox"/> SOOZE CEMENT		FINAL BPM	
		<input type="checkbox"/> ACID BREAKDOWN		MINIMUM BPM	
		<input type="checkbox"/> ACID STIMULATION		MAXIMUM BPM	
		<input type="checkbox"/> ACID SPOTTING		AVERAGE BPM	
		<input type="checkbox"/> MISC PUMP			
		<input type="checkbox"/> OTHER		HYD HHP = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY			
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 Rig up. Salthymectin, PSE TEST 1000, 48 BBls Spacer 2nd 10 Dye
Mix + Pump 344 Sks Cement (30% Excess) at 1.27 gal at 15-2 lbs or until Company
Stops us. Release Plug Displace 44.9 BBls H2O Bump Plug 150 over 1st wait 5 min
Release PSE PSE to 1000 for 15 min Release PSE Wash up Rig Down

ARRIVED WITH 600 Sks Cement 10 gal KCL 16oz Dye 50 lbs Sugar
 JOB SUMMARY
 DESCRIPTION OF JOB EVENTS Salthymectin 6:00 PM Spacer 6:46 PM Cement start 6:55 PM
Cement stop 7:17 PM DRP Plug 7:23 PM Displace 7:23 PM

10 BBls at 5-0 BBls/m 7:28 PM 400 PSE used 51% Excess
20 BBls at 5-0 BBls/m 7:31 PM 430 PSE used 399 Sks Cement
30 BBls at 5-0 BBls/m 7:33 PM 480 PSE Slurry 90.2
400 BBls at 4-5 BBls/m 7:35 PM 360 PSE Press Test 7:42 PM 1010
419 BBls at 1-3 BBls/m 7:38 PM 045 PSE 7:57 PM 1030
Bump Plug 1-3 BBls/m 7:38 PM 560 PSE Flow Collar Held
BBls Back to Pit
(14)

Left with 20 Sks Cement 5 gal KCL 10 Dye 50 Sugar

[Signature] WSS 10-25-12
 AUTHORIZATION TO PROCEED TITLE DATE

Customers hereby acknowledge 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.