



BISON

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

Invoice

Date	Invoice #
3/22/2013	11732

Bill To

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Sievers LE 17-62HN	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
Service Charge	Casing PSI Test	1		500.00	500.00
	Subtotal of Services				2,340.25
BFN III Winter ...	BFN III Blend	373	Sack	18.70	6,975.10T
Discount 15%	Discount 15%			-15.00%	-1,046.27
KCL Mud Flush	(BHS 117)	6	qt	7.50	45.00T
Discount 15%	Discount 15%			-15.00%	-6.75
Dye - 4880	Dye (Hot Pink 4880)	16	oz	15.00	240.00T
Discount 15%	Discount 15%			-15.00%	-36.00
	Subtotal of Materials				6,171.08
					8,511.33

Please Remit Payment To:

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

Subtotal \$8,511.33

Sales Tax (2.9%) \$178.96

Total \$8,690.29

Balance Due \$8,690.29

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

11732
May 14 + 85
Calvin Reimers

TREATMENT REPORT

DATE 3-22-13	WELL NAME SIEVERS LE 17-62HN	SECTION 17	TWP 8N	RGE 61W	COUNTY Weld
BILL TO Noble	CONSULTANT Charles C.				
OWNER Noble	RIG NAME & NUMBER HEP Rig 322				
MAILING ADDRESS	DISTANCE TO LOCATION 46 miles	UNITS ON LOCATION 3106/3204W			
CITY	TIME REQUESTED 3:30 pm	TIME ARRIVED ON LOCATION 2:30 pm			
STATE, ZIP	TIME LEFT LOCATION 7:30 pm				
WELL DATA					
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	Cement Blend BFN III 3% BCCA-1 .25145K BELA-1		
TOTAL DEPTH 844	TUBING DEPTH	SHOTS/FT	Cement - Specs lbs 15.2	Yield 1.27	Water Requirements 5.89
CASING SIZE 9 5/8	TUBING WEIGHT	OPEN HOLE	Annulus Factor .5259	Capacity Factor .0773	
CASING DEPTH 839.02	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT 36 lb	PACKER DEPTH		<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> MISC Pump <input type="checkbox"/> Production <input type="checkbox"/> P&A <input type="checkbox"/> Squeeze		
CASING CONDITION Good	HYD HHP = RATE X PRESSURE / 40.8				
Max Rate 07	% Excess 0				
Max Pressure 2500	BBL to Pit 11				

DESCRIPTION OF JOB EVENTS

M.R.U. Safety meeting, Psi Test to 1000 Psi, Circ 60 bbls. H₂O with KCL + Pink Dye x 16 in 2nd 10 bbls, Mix pump
Tell good dye is seen at 15.2 lbs. 1.27 yield, Drop plug, Displace 61.2 bbls. H₂O, Bump plug at
150 Psi over Lift Psi, Wait 5 min then bleed off Psi, Casing Psi Test 1000 Psi for 15 min
then bleed off wash up, Rig down

Chas C.

Authorization to Proceed

Title

X 3-22-13
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.