



BISON

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

Invoice

Date	Invoice #
4/15/2013	11872

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Stable LB32-680N	Net 30	Surface Pipe		
Item	Description	Qty	U/M	Rate	Amount
✓ Pump surface	PUMP Charge-surface pipe	1			1,100.00
Discount 15%	Discount 15%				-165.00
MILEAGE	Milage charge	360			340.00
Discount 15%	Discount 15%				-51.00
Data Acquisition ...	Data Acquisition Charge	1			335.00
Discount 15%	Discount 15%				-50.25
	Subtotal of Services				1,199.75
BFN III Winter ...	BFN III Blend	343	Sack		6,774.00
Discount 15%	Discount 15%				-1,016.10
KCL Mud Flush	(BHS 117)	4	qt		40.00
Discount 15%	Discount 15%				-6.00
Dye - 4880	Dye (Hot Pink 4880)	16	oz		240.00
Discount 15%	Discount 15%				-36.00
	Subtotal of Materials				5,961.90
					7,521.65

Please Remit Payment To:

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

Subtotal	\$7,521.65
Sales Tax (2.9%)	\$218.13
Total	\$7,739.78
Balance Due	\$7,739.78

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

11812
 99 100
 Mike Ross

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
4-15-13	Shoble WD 22-68 11N	33	9N	85W	Weld
BILL TO	CONSULTANT				
Noble	TWN				
OWNER	RIG NAME & NUMBER				
Noble	Precision Drilling 828				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	56 miles		41007 4024		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	6:00		6:30		
STATE, ZIP	TIME LEFT LOCATION				
	12:30				

WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BEN 130/130CA-1 25 BFLA-1	
13 3/4			Cement - Specs	lbs	Yield
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		152	1.27
638			Annulus Factor	Capacity Factor	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	.7842	.5239	.3430
9 5/8			.0723		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
628			<input checked="" type="checkbox"/> Surface Pipe	<input type="checkbox"/> Production	<input type="checkbox"/> Squeeze
CASING WEIGHT	PACKER DEPTH		<input type="checkbox"/> MISC Pump	<input type="checkbox"/> P&A	
36#			HYD HHP = RATE X PRESSURE / 40.8		
CASING CONDITION	6002		% Excess	15%	
Max Rate	6.00		BBL to Pit	15	
Max Pressure	460				

DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up. 130-PSF TEST 500PSF 410 BBL SPALL 2nd 10 Dec mix + Pump
 350 skid or until Compressor stops on Release. Plug Displace 45-4 BBL. Heed
 Pump Plug 150 over lift wait back mix Release PSF Wash on Plug on Ditch Pump

X 1a Burn Title WSS Date 4-15-13

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.