



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			1,400.00
Discount 15%	Discount 15%				-210.00
MILEAGE	Mileage charge	360			340.00
Discount 15%	Discount 15%				-51.00
Data Acquisition ...	Data Acquisition Charge	1			225.00
Discount 15%	Discount 15%				-33.75
	Subtotal of Services				1,340.25
BFN III Winter ...	BFN III Blend	343	Sack		6,474.10
Discount 15%	Discount 15%				-971.12
KCL Mud Flush	(BHS 117)	4	qt		80.00
Discount 15%	Discount 15%				-12.00
Dye - 4880	Dye (Hot Pink 4880)	16	oz		240.00
Discount 15%	Discount 15%				-36.00
	Subtotal of Materials				5,684.98
					7,521.23

Please Remit Payment To:

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

Subtotal	7,521.23
Sales Tax (2.9%)	218.42
Total	7,739.65
Balance Due	7,739.65

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 32-68 HN	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		
13 3/4			BEN 130/130CA-1 25 BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
638				15-2	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			.7842	.5255	.3434
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
628			<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> MISC Pump <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> P&A		
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8		
36#					
CASING CONDITION			% Excess		
Good			15%		
Max Rate			BBL to Pit		
6.00			15		
Max Pressure					
460					

DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, JSA- PSE TEST 500 PSE 410 BBL SPALL 2nd 10 Dcy mix + Pump
350 skid or until Compensator stops on Reels. Plug Displace 45.4 BBL H2O
Bump Plug 150 over left wait back mix Reels PSE wait on Plugger Dicker Bump

X

Authorization To Proceed

Title

X

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.