



BISON

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

Invoice

Date	Invoice #
5/8/2013	11908

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Feuerstein I28-63-HN <i>LHN</i>	Net 30	Surface Pipe		
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%				
Service Charge	Wait Time	6.5			
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	360	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	qt		
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	38,143.20
Sales Tax (2.9%)	1,106.15
Total	39,249.35
Balance Due	39,249.35

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 #

11908

LOCATION

508-C-29

FOREMAN

Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
5-7-13	Fensterstein I 28-63-11W	28	6N	66W	Weld
BILL TO		CONSULTANT			
Noble		JFF			
OWNER		RIG NAME & NUMBER			
		PD 824			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
				3103-3212	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		11:00pm		9:00pm	
STATE, ZIP		TIME LEFT LOCATION			
		7:30 am			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BFLA 340 BFLA-1, 2516sp+K BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
635				1512	1127
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			1.5258	1.0773	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
629			<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A		
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8		
3615					
CASING CONDITION	Good		% Excess	20%	
Max Rate			BBL to Pit	22	
Max Pressure					

DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSI test, Performan clear 40 BBLs KLL H2O and 10w/Dye mix & Pump 390 sls cement at 30% Excess at 1127 yield at 1512 lbs, or until stopped by cement, Release Plug Disp 45.2 BBLs H2O, Pump Plug At 150 PSI over Lift PSI wait 5min, Release PSI, PSI test raising 1000 PSI for 15min Release PSI, wash up Rig Down

X

Authorization To Proceed

Title

X 5-7-13

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.