



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>1HN</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	39,149.20
Sales Tax (2.9%)	1,135.33
Total	40,284.53
Balance Due	40,284.53

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

11908
~~5-09-02~~
 Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
5-7-13	Fewerstein I 28-63-111	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	BFLA-1 3/4 BFLA-1, 25lbs per yk BFLA-1		
13 3/4			Cement - Specs	lbs	Yield	Water Requirements
				15.2	1.27	5.89
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor		
635			1.5258	1.0773		
CASING SIZE	TUBING WEIGHT	OPEN HOLE	TYPE OF TREATMENT <input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A			
9 5/8						
CASING DEPTH	TUBING CONDITION	TREATMENT VIA				
629						
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8 % Excess <input type="text" value="20%"/> BBL to Pit <input type="text" value="22"/>			
3615						
CASING CONDITION	<input type="text" value="Good"/>					
Max Rate	<input type="text"/>					
Max Pressure	<input type="text"/>					

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 1.27 yield at 15.2 lbs, or until stopped by cement, Release Plug Disp 45.2 BBLs H2O, Bump 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 Kirk
 Authorization To Proceed

 Title

X 5-7-13
 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.