



BISON

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

Invoice

Date	Invoice #
3/25/2013	11733

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	SI W Ranch B01-62-111N	Net 30	Surface Pump		
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%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
HOURS	Wait Time	2			
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	354	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	oz		
Discount 15%	Discount 15%				
	Subtotal of Materials				

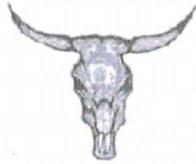
Please Remit Payment To:

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

Subtotal	
Sales Tax (7.5%)	
Total	
Balance	

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

11733
 62+61
 Calvin Reimes

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
3-25-13	SLW Ranch BOI 62+11N	1	5N	62W	Weld
BILL TO	CONSULTANT				
Noble	John D. / SETH M.				
OWNER	RIG NAME & NUMBER				
Noble	H&P Rig 326				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	24 miles		3106 / 3211		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	7:45 pm		6:30 pm.		
STATE, ZIP	TIME LEFT LOCATION				
	1:45 am				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
641		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
634.84		
CASING WEIGHT	PACKER DEPTH	
3616		
CASING CONDITION	Good	
Max Rate	6	
Max Pressure	2500	

Cement Makeup

Cement Blend	BENTH 3% BCCA-1 .25 WSK BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	15.2	1.27	5.89
Annulus Factor	Capacity Factor		
.5259	.0773		

TYPE OF TREATMENT

Surface Pipe Production Squeeze

MISC Pump P&A

HYD HHP = RATE X PRESSURE / 40.8

% Excess 25

BBL to Pit 13

DESCRIPTION OF JOB EVENTS

Misc, Safety meeting, Psi check to 1000 Psi, Circa 40 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 45.7 Wbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min then bleed off Psi, wash up, Rig down

[Signature]
 Authorization To Proceed

WSS
 Title

x 3-25-13
 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.