



BISON

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

Invoice

Date	Invoice #
4/27/2013	11914

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Lambro LC13-75-1HN	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	456			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
Service Charge	PSI Test	1			
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	316	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	5	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	\$7,721.34
Sales Tax (2.9%)	\$223.92
Total	\$7,945.26
Balance	\$7,945.26

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

11914
104+119
CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
4-27-13	Timbro LC 13-75-1HN	24	9N	59W	Weld
BILL TO		CONSULTANT			
Noble		Mike S.			
OWNER		RIG NAME & NUMBER			
Noble		H&P Rig 322			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		76 miles		3106/3204	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		10:00pm		10:00pm	
STATE, ZIP		TIME LEFT LOCATION			
		2:15am,			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13-3/4			BFN 3% BCCA-1.25166K BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
640				15.2	1.27
					5.89
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			.5259	.0773	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
637.25			<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		
36 lb.					
CASING CONDITION	Good		% Excess	10	
Max Rate	7		BBL to Pit	10	
Max Pressure	2500				

DESCRIPTION OF JOB EVENTS

MIRU, Safety Meeting, Psi Check to 1000, Circ 50 bbls H₂O with KCL + Dyex 16 in 2nd 10 bbls, Mix + pump tell good dye is seen at 15.2 lbs. 1.27 yield, Drop plug, Displace 45.9 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min. then bleed off Psi, Casing Psi Test 1000 Psi for 15 min. Washup Rig down

x

Authorization To Proceed

Title

x 4-27-13
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.