



BISON

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

Invoice

Date	Invoice #
3/1/2013	11720

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

Location	Well Name & No.	Terms	Job Type		
Weld, CO	Frankie PC G04-65HN	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%				
BFN III Winter ...	BFN III Blend	412	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%				
Sugar	Sugar	50	lb		
Discount 15%	Discount 15%				

Please Remit Payment To:

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

Subtotal	\$8,712.61
Sales Tax (2.9%)	\$254.32
Total	\$8,966.93
Balance Due	\$8,966.93

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

11720
WKR 50141
CALVIN REIMER

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
3-1-13	FRANKIE PL 604-654N	4	4N	65W	Weld
BILL TO	CONSULTANT				
Noble	Mike P.				
OWNER	RIG NAME & NUMBER				
Noble	H&P Rig 321				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	6 miles		120/3106/3203		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	2:00 am		12:10 am		
STATE, ZIP	TIME LEFT LOCATION				
	5:30 am				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
647		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
607.43		
CASING WEIGHT	PACKER DEPTH	
36 lb.		
CASING CONDITION	Good	
Max Rate	6.0	
Max Pressure	2500	

Cement Makeup

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

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	

HYD HHP = RATE X PRESSURE / 40.8

% Excess	45
BBL to Pit	26

DESCRIPTION OF JOB EVENTS

Ming Safety meeting, Circ 50 bbls H₂O with KCL + Dye in 2nd 10 bbls, Mix pump till good Dye is seen at 15.2 lbs, 1.27 yield, Drop plug, Displace 46.4 bbls H₂O, Bump Plug at 150 Psi, over Lift Psi, Wait 5 min. Then bleed off Psi, Wash up, Rig down,

[Signature]

USS

x 3-1-13
Date

Authorization To Proceed

Title

Customers hereby acknowledge, 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.