



BISON

Invoice

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

Date	Invoice #
7/6/2013	12005

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Timbro LD 06-64HN	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	432			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
HOURS	Wait Time	1.5			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	463	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	
Sales Tax (2.9%)	
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

12005
 197+110
 Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7-6-13	Timbro LD 06-04HN	6	9N	58W	Weld
BILL TO	CONSULTANT				
Noble	John D.				
OWNER	RIG NAME & NUMBER				
Noble	HEP Rig 326				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	72 miles		3106/3204		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	4:00 pm.		3:45 pm.		
STATE, ZIP	TIME LEFT LOCATION				
	9:30 pm.				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
711		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
704.83		
CASING WEIGHT	PACKER DEPTH	
36 lb.		
CASING CONDITION	Good	
Max Rate	7	
Max Pressure	2500	

Cement Makeup

Cement Blend	BFN III 3% BECA-1.25145K 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	50		
BBL to Pit	16		

DESCRIPTION OF JOB EVENTS

Mi.Rd, Safety meeting, Ps: Test to 500 Psi, Circ 50 bbls. H₂O with KCL + Pink Dye x 16 in 7th 10th 12th 14th
 Mix + pump till good dye is seen at 15.2 lbs 1.27 yield, Drop plug, Displace 51.5 bbls H₂O,
 Bump plug at 150 Psi over Lift Psi, Wait 5 min then bleed off Psi, Wash up,
 Rig down,

X WSS
 Authorization To Proceed

WSS
 Title

X 7-6-13
 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.