



BISON

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

Invoice

Date	Invoice #
7/11/2013	12377

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Wolf pack B02-66-1HN	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	360			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
Service Charge	Cassing Test	1			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	347	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	5	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	28,131.16
Sales Tax (2.9%)	817.91
Total	28,949.07
Balance Due	28,949.07

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

12377
6012457
Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7-16-13	Well Pack Box-66-14W	02	5N	64W	well
BILL TO	CONSULTANT				
Woble	martin				
OWNER	RIG NAME & NUMBER				
	H+P 315				
MAILING ADDRESS	DISTANCE TO LOCATION			UNITS ON LOCATION	
				3103 - 3205	
CITY	TIME REQUESTED			TIME ARRIVED ON LOCATION	
	900			900	
STATE, ZIP	TIME LEFT LOCATION				
	300PM				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BPNIF 3% BCC-1.2515 FFLA-1	
13 3/4			Cement - Specs	lbs	Yield
				15.2	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
626			.5258	.0773	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	TYPE OF TREATMENT		
9 5/8			<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 DEPTH	TUBING CONDITION	TREATMENT VIA	HYD HHP = RATE X PRESSURE / 40.8		
620			% Excess 20% BBL to Pit 16		
CASING WEIGHT	PACKER DEPTH				
36					
CASING CONDITION	Max Rate				
Good	Max Pressure				

DESCRIPTION OF JOB EVENTS

Safety meeting Rig up Pressure test Per company man Pump 45 bbls spacer
Dye In and 10 min + Pump 368 sks cement at 30% excess at 15.2 lbs at
1.27 yield or until stopped by company man Release plug + displace
49.8 bbls H2O bump plug at 150 lbs Above 1 ft Pressure Release pressure
test casing to 1000 lb Hold 15 min Release pressure washup Rig down

X

Authorization To Proceed

Title

WSS

Date

7-16-13

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.