



BISON

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

Invoice

Date	Invoice #
6/21/2013	11966

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Nakagawa B13-62-1HN	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%				
HOURS	Job Time	2.75			
Service Charge	Casing Test	1			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	358	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	10	oz		
Discount 15%	Discount 15%				
Sugar	Sugar	50	lb		
	Subtotal of Materials				

Please Remit Payment To:

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

Subtotal	
Sales Tax (2.5%)	
Total	
Balance Due	

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

11966

388-59

Link

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-21-13	Northern Bldg B13-62-1H2	13	5N	64W	Weld
BILL TO	CONSULTANT				
OWNER	RIC NAME & NUMBER				
MAILING ADDRESS	DISTANCE TO LOCATION				
CITY	TIME REQUESTED				
STATE, ZIP	TIME LEFT LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BFWTL 3% BCLA-1, 25% per SK BCLA-1	
13 3/4			Cement - Specs	lbs	Yield
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		1512	1.27
630			Annulus Factor	Capacity Factor	
CASING SIZE	TUBING WEIGHT	OPEN HOLE		1.5254	1.0773
9 5/8			TYPE OF TREATMENT		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	<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			% Excess		
CASING CONDITION			BBL to Pit		
Good			20%		
Max Rate			16 BBL/S		
Max Pressure					

DESCRIPTION OF JOB EVENTS

Sealing, Rig up, PSI test, Per man crew 4K BBLs KCL H2O 2nd 10W/Dye mix & Pump 388 SKs
repeat at 30% Excess at 1.27 yield at 1512 lbs or until stopped by man Release Plug Disp
45.1 BBLs H2O Pump Plug At 150 PSI cur 6.5 PSI wait 5 min Release PSI wash up Rig down

X Matt Robert
Authorization To Proceed

Title

X 6-21-13
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.