



BISON

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

Invoice

Date	Invoice #
7/27/2013	12388

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Rhone State LD04-68-IIN	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	420			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
HOURS	Wait Time	5.5			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	421	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%				
	Subtotal of Materials				

Please Remit Payment To:

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

Subtotal

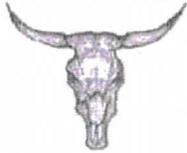
Sales Tax

Total

Balance D

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

12388
 117 & 110
 Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7-27-13	Phone State LD04-68 HNW	4	9N	58W	weld
BILL TO	CONSULTANT				
Noble	shane				
OWNER	RIG NAME & NUMBER				
	H+P 326				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCTION		
			3103-3203		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	530pm		515pm		
STATE, ZIP	TIME LEFT LOCATION				
	345Am				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
12 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
664		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
654		
CASING WEIGHT	PACKER DEPTH	
36		
CASING CONDITION	good	
Max Rate		
Max Pressure		

Cement Makeup

Cement Blend	BFN II 3% DCC-1.25lb BFLA-		
Cement - Specs	lbs	Yield	Water Requirements
	15.2	1.27	5.89
Annulus Factor	Capacity Factor		
.6258	.0773		

TYPE OF TREATMENT

Surface Pipe Production Squeeze
 MISC Pump P&A

HYD HHP = RATE X PRESSURE / 40.8

% Excess	41
BBL to Pit	20

DESCRIPTION OF JOB EVENTS

move In Rig up Pressure test Per company man run 40 bbls ahead with dye for 10
 at 30% excess 1.27 yield 15.2 lb drop plug + D. splace 47 bbls H2O
 Bump plug at 150 PSI above 1-ft Press Release Pressure
 Rig down clean up

X [Signature]
 Authorization To Proceed

WSS
 Title

X 7-27-13
 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.