



BISON

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

Invoice

Date	Invoice #
8/10/2013	12473

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Rohn State LD04-68-1HN	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	492			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	382	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		
	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 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

12473
127 + 110
Randy Lynch

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
8/10/13	Rehnskte LDO 4-68-HN	4	9N	S8W	Weld
BILL TO	CONSULTANT				
Noble	John D				
OWNER	RIG NAME & NUMBER				
Noble	H+P 326				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	82. miles		3106, 3204		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	6:45 PM		6:15 PM		
STATE, ZIP	TIME LEFT LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BENJIL 3% BECCA-1 .25lbs/sk DFLA-1	
13 3/4			Cement - Specs	lbs	Yield
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		15.2	1.27
646			Annulus Factor	Capacity Factor	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	.5259	.0773	
9 5/8 #36			TYPE OF TREATMENT		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> MISC Pump <input type="checkbox"/> Production <input type="checkbox"/> P&A <input type="checkbox"/> Squeeze		
666.45			HYD HHP = RATE X PRESSURE / 40.8		
CASING WEIGHT	PACKER DEPTH		% Excess		
36			BBL to Pit		
CASING CONDITION	GOOD				
Max Rate	7				
Max Pressure	2500				

DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting Held, Pressure test to 500 psi, circulated 40 bbls H₂O with Kcl Dye in 2nd 10 bbls, Mix + Pump cement till Dye is seen @ 15.2 #/gal 1.27 yield, Drop plug, Displace 46.25 bbls H₂O, Bump Plug @ 500 psi over lift psi, wait 5 min. bleed off pressure Rig Down wash up Leave location

X Jenny Ahmann
Authorization To Proceed

Well site Supervisor
Title

X 8/10/13
Date

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.