



BISON

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

Invoice

Date	Invoice #
10/6/2013	12714

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Rohn Rhon State LD09-65HN	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	506.67			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
HOURS	Wait Time	3			
Service Charge	Cassing Test	1			
Service Charge	Iron Inspection	1			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	523	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

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

12714
127+110
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TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
10-6-13	Phone State L Dog-65112	9N	9N	58W	Weld
BILL TO	CONSULTANT				
noble	Jerry				
OWNER	RIG NAME & NUMBER				
	H+P326				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	802		3103 - 3203		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	300		215		
STATE, ZIP	TIME LEFT LOCATION				
	1000				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
1271		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
1231		
CASING WEIGHT	PACKER DEPTH	
36		
CASING CONDITION	Good	
Max Rate		
Max Pressure		

Cement Makeup

Cement Blend	BFN #3 3/4 BCC-1 .2516 BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	13.1 + 15.2	1.69 + 1.27	8.64 5.89
Annulus Factor	Capacity Factor		
5258	1.0773		

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

BBL to Pit

DESCRIPTION OF JOB EVENTS

Safety meeting NFRU Pressure test Per company man circulate bbls Ahead
with dye In and 10 min x Pump SKS lead cement 13.1 1.69 yield
8.64 H2O mix 100 SKS tail 15.2 1.27 yield 5.89 H2O drop plug
Disp bbls H2O Pump plug 150 pSF above 1.1 ft Pressure Hold 15 min
Release pressure 1000 lb Casing Pressure test
Wash up Rig down

x Jerry Abraham
Authorization To Proceed

WSS
Title

x 10-6-13
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.