



BISON

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

Invoice

Date	Invoice #
2/27/2014	12096

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

State N 36-09

Location	Well Name & No.	Terms	Job Type		
Weld CO	LOEFFLER K01-68-1HN	Net 30	P/A		
Item	Description	Qty	U/M	Rate	Amount
P & A	P & A	1			
MILEAGE	Mileage charge-Truck	270			
MILEAGE	Mileage charge-Pick up	60			
Data Acquisition ...	Data Acquisition Charge	1			
Service Charge	Iron Inspection	1			
HOURS	Wait Time	6			
Service Charge	Supervisor Fee	1			
	Subtotal of Services				
BEN III Winter ...	BEN III Blend	728	Sack		
Sugar	Sugar	100	lb		
	Subtotal of Materials				

Please Remit Payment To:

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

Subtotal

Sales Tax

Total

Balance

1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net



№ 12096

WELL NO. AND FARM state n 36-9	COUNTY weld	STATE co	DATE 2-27-14	
CHARGE TO noble	WELL LOCATION SEC. 36 TWP. 5N RANGE 67W		CONTRACTOR Bohler & chock	
	DELIVERED TO 25-52	LOCATION 1 shop	CODE	
	SHIPPED VIA 4025-3102 4006-3212	LOCATION 2 25-52	CODE	
	TYPE AND PURPOSE OF JOB p+ A		LOCATION 3 shop	CODE
			WELL TYPE gas	CODE

PRICE REFERENCE	DESCRIPTION	UNITS		UNIT PRICE	AMOUNT
		QTY.	MEAS.		
	Pump charge	1	ea		
	BFTN III 3020 BCC-1 12516 BFA-1	728	9/58		
	millage 150 Per mile 60 mile min Round trip	1	ea		
	millage 400 Per mile 60 mile min Round trip	2	ea		
	Supervisor Fee	1	ea		
	Data OLC	1	ea		
	Fair Inspection	1	ea		
	wait time	6	hr		
	Sugar	100	lb		

Honey Badger J31-64

Unit Name and No
135532

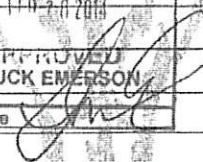
Project / AFE No
No Entr

Task
3.2 0028

Acc Date

FFH 20 2014

APPROVED
CHUCK EMERSON

Signature 

Total Weight	Loaded Miles	Ton Miles
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If this account is not paid within 30 days of invoice date a FINANCE CHARGE will be made. Computed at a single monthly rate of 1 1/4% which is equal to an ANNUAL PERCENTAGE RATE OF 18%.

TAX REFERENCES

~~"TAXES WILL BE ADDED AT CORPORATE OFFICE"~~

TOTAL

SUBJECT TO CORRECTION

Customer or His Agent

Bleon Oil Well Cementing, Inc. Representative

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.



Bison Oil Well Cementing

Customer: noble
Well Name: state n36-9

Invoice # 12096
API# 445564
Foreman: monte
Date 2/28/2014

County: Weld
State: Colorado
Sec: 36
Twp: 5n
Range: 67w

Consultant: chuck
Rig Name & Number: bohler 4
Distance To Location: 16.1
Units On Location: 4028-3102 4006-3212
Time Requested: 8:00am
Time Arrived On Location: 7:35
Time Left Location:

Plug Job

Well Data

OD Inches	2.875	
String Weight Per ft	6.5	
First Plug Sacks	100	
First Plug Depth	2993	
Second Plug Sacks	556	
Second Plug Depth	1053	
Third Plug Sacks	72	
Third Plug Depth	35	
Fourth Plug Sacks		
Fourth Plug Depth		
ID	2.441	
First Plug Displacement	17.3237	bbl
Second Plug Displacement	6.0948	bbl
Thirst Plug Displacement	0.2026	bbl
Fourth Plug Displacement	0.0000	bbl
bbbls of Spacer Ahead	5	bbbls

bbbls of Slurry

First Plug bbbls of Slurry	22.6187 bbbls
Second Plug bbbls of Slurry	125.7600 bbbls
Third Plug bbbls of Slurry	#VALUE! bbbls
Fourth Plug bbbls of Slurry	0.0000 bbbls

First Plug Cement Data

Cement Name: bfn111
Cement Density (lb/gal) : 15.2
Cement Yield (cuft) : 1.27
Gallons Per Sack: 5.89

Second Plug Cement Data

Cement Name: bfn111
Cement Density (lb/gal) : 15.2
Cement Yield (cuft) : 1.27
Gallons Per Sack: 5.89

Third Plug Cement Data

Cement Name: bfn111
Cement Density (lb/gal) : 15.2
Cement Yield (cuft) : 1.27
Gallons Per Sack: 5.89

Fourth Plug Cement Data

Cement Name:
Cement Density (lb/gal) :
Cement Yield (cuft) :
Gallons Per Sack:

Displacement Fluid lb/gal: 8.3
Fluid Ahead (bbbls): 15.0
H2O Wash Up (bbbls): 20.0

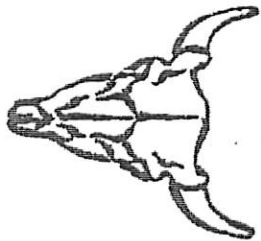
bbbls of Mix Water

First Plug bbbls Mix Water	14.0238 bbbls
Second Plug bbbls Mix Water	77.9724 bbbls
Third Plug bbbls Mix Water	0.0000 bbbls
Fourth Plug bbbls Mix Water	0.0000 bbbls

X

Authorized To Proceed

Customers hereby acknowledges and specifically agrees to the terms and condition on this work order, including, without limitation, the provisions on this work order.



Bison Oil Well Cementing
Single Cement Surface Pipe

Customer
Well Name

noble
state n36-9

INVOICE #
LOCATION
FOREMAN
Date

12096
Weld
monte
2/28/2014

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

	Displace 1			Displace 2			Displace 3			Displace 4		
	8:45am	7:40am		BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI
Safety Meeting												
MIRU				0	11:47	30	0			0		
				10	11:49	190	10			10		
CIRCULATE				20	11:50	30	20			20		
CIRCULATE				30			30			30		
CIRCULATE				40			40			40		
CIRCULATE				50			50			50		
M & P				60			60			60		
				70			70			70		
First Plug				80			80			80		
Second Plug				90			90			90		
Third Plug				100			100			100		
Fourth Plug				110			110			110		
Mixed bbls				120			120			120		
First Plug				130			130			130		
Second Plug				140			140			140		
Third Plug				150			150			150		
Fourth Plug												
Water Temp												

Notes:

safety meeting miru, pressure test per company man 1st plug, circulate 5 bbls ahead, mix and pump 100 sks bfn111, 15.2 displace 14 bbls h2o. 2nd plug. Circulate 12 bbl ahead, mix and pump 556 sks to surface.

top off to surface, 72 sks

X Title Date 2-28-14

Work Performed