



# BISON

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

## Invoice

Date	Invoice #
2/28/2014	12120

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Badger Fed. L-103-6411N #1	Net 30	P/A		
Item	Description	Qty	U/M	Rate	Amount
P & A	P & A	1			
MILEAGE	Mileage charge-Truck	130			
MILEAGE	Mileage charge-Pick up	130			
Data Acquisition ...	Data Acquisition Charge	1			
Service Charge	Iron Inspection	1			
HOURS	Wait Time	4			
Service Charge	Supervisor Fee	1			
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	150	Sack		
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
Total
Balance Due

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



Nº 12120

WELL NO. AND FARM 1 Badger Federal		COUNTY Weld	STATE Colorado	DATE 8-28-14	
CHARGE TO Noble		WELL LOCATION SEC. 17 TWP. 6N RANGE 62		CONTRACTOR	
		DELIVERED TO CR102 CR 96		LOCATION 1 Asalle	CODE
		SHIPPED VIA 3104 401 8-111		LOCATION 2 CR102-CR96	CODE
		TYPE AND PURPOSE OF JOB Plug and Abandon		LOCATION 3 Asalle	CODE
				WELL TYPE	CODE

PRICE REFERENCE	DESCRIPTION	QTY.	UNIT
	PUMP charge	1	
	mile age #4018-3104	65	
	mile age #299	65	
	Iron INSPECTION	1	
	Supervisor Charge	1	
	COMPEN	150	
	Data Ag Chart	1	
	Sugar	50	
	Wait time X Hour	4	

Badger Federal #2

Badger Federal

LF 03-64 HN

134169

3.2 0019

Total Weight

15 L

Loaded Miles

EIN

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%.

"TAXES WILL BE ADDED AT CORPORATE OFFICE"

Customer or His Agent

Agnes C.  
Bison Oil Well Cement

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: badger federal # 1

Invoice # 12120  
API# 05-123-31351  
Foreman: Aaron  
Date 2/28/2014

County: Weld  
State: Colorado  
Sec: 17  
Twp: 6n  
Range: 62

Consultant: chris  
Rig Name & Number: ensign #332  
Distance To Location: 65 mi  
Units On Location: 4018 3104  
Time Requested: 8 30 am  
Time Arrived On Location: 8:00 AM  
Time Left Location:

### Plug Job

#### Well Data

OD Inches	2.875	
String Weight Per ft	6.5	
First Plug Sacks	50	
First Plug Depth	6070	
Second Plug Sacks	100	
Second Plug Depth	3000	
Third Plug Sacks	0	
Third Plug Depth	0	
Fourth Plug Sacks	0	
Fourth Plug Depth	0	
ID	2.441	
First Plug Displacement	35.1336	bbl
Second Plug Displacement	17.3642	bbl
Thirst Plug Displacement	0.0000	bbl
Fourth Plug Displacement	0.0000	bbl
bbls of Spacer Ahead	5	bbls

#### bbls of Slurry

First Plug bbls of Slurry	10.2408 bbls
Second Plug bbls of Slurry	20.4815 bbls
Third Plug bbls of Slurry	0.0000 bbls
Fourth Plug bbls of Slurry	0.0000 bbls

#### First Plug Cement Data

Cement Name: BFN III  
Cement Density (lb/gal): 15.8  
Cement Yield (cuft): 1.15  
Gallons Per Sack: 5.00

#### Second Plug Cement Data

Cement Name: BFN III  
Cement Density (lb/gal): 15.5  
Cement Yield (cuft): 1.15  
Gallons Per Sack: 5.00

#### Third Plug Cement Data

Cement Name: BFN III  
Cement Density (lb/gal): 0.0  
Cement Yield (cuft): 0  
Gallons Per Sack: 0.00

#### Fourth Plug Cement Data

Cement Name: BFN III  
Cement Density (lb/gal): 0.0  
Cement Yield (cuft): 0  
Gallons Per Sack: 0.00

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

#### bbls of Mix Water

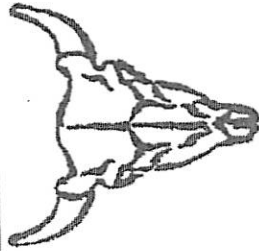
First Plug bbls Mix Water	5.9524 bbls
Second Plug bbls Mix Water	11.9048 bbls
Third Plug bbls Mix Water	0.0000 bbls
Fourth Plug bbls Mix Water	0.0000 bbls

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

INVOICE #  
LOCATION  
FOREMAN  
Date

12120  
Weld  
Aaron  
2/28/2014

Customer  
Well Name

noble  
badger federal # 1

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

	Displace 1			Displace 2			Displace 3			Displace 4		
	8 58 am	BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time
Safety Meeting												
MIRU	8:00 AM	0	10 05 am	680	0	3 42 pm	580	0			0	
		10	10 08 am	690	10	3 45 pm	550	10			10	
CIRCULATE	9 58 am	20	10 11 am	700	20	3 47	500	20			20	
CIRCULATE		30	10 14 am	720	30			30			30	
CIRCULATE		40	0		40			40			40	
		50			50			50			50	
M & P		60			60			60			60	
		70			70			70			70	
First Plug	Time	Sacks										
	10 01 am	50										
Second Plug	3 30 pm	101										
Third Plug		#DIV/0!										
Fourth Plug		#DIV/0!										
Mixed bbls												
First Plug	6											
Second Plug	12											
Third Plug												
Fourth Plug	0											
Water Temp	24 f											

Notes:

from 6070 ft-6005 ft is cement on 1st plug so 65 ft of cement.

X

X

X

Work Performed

Title

Date