



BISON

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

Invoice

Date	Invoice #
10/28/2014	72003

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

State Thornton 16-U

Location	Well Name & No.	Terms	Job Type		
Weld CO	PDC Thornton Pad	Net 30	P&A <i>annular fill</i>		
Item	Description	Qty	U/M	Rate	Amount
P&A	P&A	1			
MILEAGE	Mileage charge	360			
Data Acquisition ...	Data Acquisition Charge	1			
Service Charge	Iron Inspection	1			
Service Charge	Supervisor Charge	1			
	Subtotal of Services				
Type G Cement	Type G Cement	235	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 Due



Bison Oil Well Cementing

Customer: NOBLE
Well Name: STATE THORNTON 15-11

Invoice # 72003
API# 05-123-24116
Foreman: AARON
Date 10/28/2014

County: Weld

State: Colorado

Sec: 16

Twp: 7N

Range: 66W

Consultant: SCOTT

Rig Name & Number: LEED #719

Distance To Location: 40 MILLS

Units On Location: 3101-4029-108-4032-3206

Time Requested: 1PM

Time Arrived On Location: 12:30PM

Time Left Location: _____

Plug Job

Well Data

OD Inches	2.375	
String Weight Per ft	4.7	
First Plug Sacks	235	
First Plug Depth	761	
Second Plug Sacks		
Second Plug Depth		
Third Plug Sacks		
Third Plug Depth		
Fourth Plug Sacks		
Fourth Plug Depth		
ID	1.995	
First Plug Displacement	2.9422	bbl
Second Plug Displacement	0.0000	bbl
Third 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	48.1315 bbls
Second Plug bbls of Slurry	0.0000 bbls
Third Plug bbls of Slurry	0.0000 bbls
Fourth Plug bbls of Slurry	0.0000 bbls

First Plug Cement Data

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

Second Plug Cement Data

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

Third Plug Cement Data

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

Fourth Plug Cement Data

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

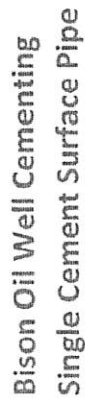
Displacement Fluid lb/gal: 8.3
Fluid Ahead (bbls): 15.0
H2O Wash Up (bbls): 20.0

bbls of Mix Water

First Plug bbls Mix Water	27.9762 bbls
Second Plug bbls Mix Water	0.0000 bbls
Third Plug bbls Mix Water	0.0000 bbls
Fourth Plug bbls Mix Water	0.0000 bbls

AUTHORIZED TO SIGN

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



INVOICE #	LOCATION	FOREMAN	Date
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72003	Weld	AARON	10/28/20
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Customer
Well Name

NOBLE
STATE THORHTON 16-11

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

[illegible]

Notes:

X

X
Work Preformed

~~XXXX~~

X	Day
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