



BISON

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

Invoice

Date	Invoice #
6/1/2013	11951

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	McClellan 1609-724N	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	420			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	550	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	3	qt		
Discount 15%	Discount 15%				
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 (2.9%)	
Total	
Balance	

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

11951
Hwy 141-115
Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-1-13	McClendon 2609-724N	9	8N	59W	Weld
BILL TO	CONSULTANT				
Woble	Shane				
OWNER	RIG NAME & NUMBER				
	M&P 326				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
			3103-3203		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	4:30pm		3:30pm		
STATE, ZIP	TIME LEFT LOCATION				
	9:00pm				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
1268		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
1258		
CASING WEIGHT	PACKER DEPTH	
366		
CASING CONDITION	Seed	
Max Rate		
Max Pressure		

Cement Makeup

Cement Blend	BFMT 3% BCCA-1.25 lbs per sk BPLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	13.1 / 15.2	1.69 / 1.27	8.64 / 5.89
Annulus Factor	Capacity Factor		
.5258	.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	30%
BBL to Pit	33

DESCRIPTION OF JOB EVENTS

Pig up
Safety meeting, PSI test, Per cement, pier 30 BBLs KCL H2O, mix & Pump 450 sks Lead cement at 13.1 lbs at 1.69 yield, mix & Pump 100 sks Tail cement at 15.2 lbs at 1.27 yield, Release Plug, Disp 93.9 BBLs H2O, Bump Plug At 150 PSI cut Lift PSI wait 5 min Release PSI wash up Pig down.

X WSS
Authorization to Proceed

Title

X 6-1-13
Date

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.