



BISON

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

Invoice

Date	Invoice #
9/8/2013	12658

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Rhon State LD09-69-111N	Net 30	Surface Pipe		
Item	Rohr Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1			
Discount 15%	Discount 15%				
MILEAGE	Mileage charge	480			
Discount 15%	Discount 15%				
HOURS	Wait Time	8			
Service Charge	Iron Inspection	1			
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	529	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	5	qt		
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 (2.9%)	
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

12658

129+110

monte

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
9-8-13	Phone State LDOY-69-1HN	9	9N	58W	Weld
BILL TO	CONSULTANT				
woble	Jerry				
OWNER	RIG NAME & NUMBER				
	H+P 326				
MAILING ADDRESS	DISTANCE TO LOCATION	UNITS ON LOCTION			
	79.4	3104 + 3204			
CITY	TIME REQUESTED	TIME ARRIVED ON LOCATION			
	1000 PM	945 PM			
STATE, ZIP	TIME LEFT LOCATION				
	900				

WELL DATA

Cement Makeup

HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend			
9 13 3/4			BFN III 3% BFLA 125 lb BCC-1			
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield	Water Requirements
1256				13.1 + 15.2	1169 + 1.27	8.64 + 5.89
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor		
9 5/8			.5258	.0773		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	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			
1246						
CASING WEIGHT	PACKER DEPTH					
36						
CASING CONDITION	HYD HHP = RATE X PRESSURE / 40.8 % Excess <u>30%</u> BBL to Pit <u>26</u>					
Max Rate						
Max Pressure						

DESCRIPTION OF JOB EVENTS

safety meeting mtr RV Pressure test Per company man circulate 50 bbls Ahead
mix + Pump 430 sks lead cement at 13.1 1.69 yield 8.64 H2O mix + Pump
100 sks tail cement 15.2 1.27 yield 5.89 H2O drop plug + Disp 92.9 bbls
H2O Hold 5 min Release Plug wash up Rig down

X Jerry Olson
Authorization To Proceed

Co. Rep
Title

X 9-8-13
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.