



# BISON

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

## Invoice

Date	Invoice #
7/24/2013	12430

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Rolin State LD04-65HN	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 Summer ...	BFN III Blend	505	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	9	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	oz		
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 (2.0%)

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

12430  
Brewer  
Ja

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7/24	Robin State LD04-65 HU				Weld
BILL TO	CONSULTANT				
OWNER	RIG NAME & NUMBER				
	HP 27.3				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	70		4000, 4000, 3100, 119		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	12:30		11:30		
STATE, ZIP	TIME LEFT LOCATION				

### WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	Type # 2% cement / 4% celadate	
13 3/4			Cement - Specs	15.2 lbs / 13.1	1.27 Yield / 1.69 Water Requirements
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT			5.89, 8.64
1212			Annulus Factor	Capacity Factor	
CASING SIZE	TUBING WEIGHT	OPEN HOLE		5259	10773
9 5/8			<b>TYPE OF TREATMENT</b> <input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA			
1167					
CASING WEIGHT	PACKER DEPTH				
34			HYD HHP = RATE X PRESSURE / 40.8  % Excess <u>20</u> BBL to Pit <u>12</u>		
CASING CONDITION					
Max Rate					
Max Pressure					

### DESCRIPTION OF JOB EVENTS

MIRU, 10 fresh, 10 Dye, 70 fresh nhd 405 gks of lead @ 13.1 lbs / 100  
gks @ 15.2 lb, Drop plug, Displace 90 bbls

*[Signature]*

COMAN

7-24-13

Authorization To Proceed

Title

Date

Customer 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.

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INVOICE #  
LOCATION  
FOREMAN

13450  
GOWER  
JR

Treatment Report Page 2

## DESCRIPTION OF JOB EVENTS

Safety Meeting	MIRU	CIRCULATE	Drop Plug	6:56	Displace 1		Displace 2		Displace 3		Displace 4		Displace 5		Displace 5	
					BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
				5:15	0	6:56	10	0			0			0		
				4:30	10	6:59	20	10			10			10		
				5:46	20	7:01	30	20			20			20		
					30	7:03	80	30			30			30		
					40	7:05	170	40			40			40		
					50	7:07	170	50			50			50		
					60	7:09	240	60			60			60		
					70	7:12	370	70			70			70		
					80	7:14	310	80			80			80		
					90	7:20	400	90			90			90		
					100			100			100			100		
					110			110			110			110		
					120			120			120			120		
					130			130			130			130		
					140			140			140			140		
					150			150			150			150		

Notes:

X *[Signature]*

X *CO MAN*

X *7-24-13*

Work Performed

Title

Date