



BISON

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

Invoice

Date	Invoice #
3/18/2013	11858

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

Location	Well Name & No.	Terms	Job Type		
Weld, CO	Kummer PC LE 23-66-1HN	Net 30	Surface Pump		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1			
Discount 15%	Discount 15%				
MILEAGE	Mileage charge	360			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge				
Discount 15%	Discount 15%				
HOURS	Wait Time	3			
BFN III Winter ...	BFN III Blend	400	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	5	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	oz		
Discount 15%	Discount 15%				

Please Remit Payment To:

Bison Oil Well Cementing, Inc.
P.O. Box 29671
Thornton, CO 80229

Subtotal	39,184.13
Sales Tax (2.9%)	1,136.34
Total	40,320.47
Balance Due	40,320.47

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

11858
Hwy 14
Mike Rosale

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
3-8-13	Kummer PC-CE23	23	8N	6W	Weld
BILL TO	Noble	CONSULTANT			
OWNER	Noble	JESSE + LANCE			
MAILING ADDRESS		RIG NAME & NUMBER			
		H/P 373			
		DISTANCE TO LOCATION		UNITS ON LOCATION	
		44 miles		4022 4006 111	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		11:00 PM		11:12 PM	
STATE, ZIP		TIME LEFT LOCATION			
		6:30 AM			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BEN 100 3% BECA 1 25 135 BEHA 1	
13 3/4			Cement - Specs	lbs	Yield
				15-2	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
758			1.7842	.5255 .3434	
CASING SIZE	TUBING WEIGHT	OPEN HOLE		.073	
9 5/8					
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
750.5			<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> MISC Pump <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> P&A		
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8		
36 #					
CASING CONDITION	Good		% Excess		
			150%		
Max Rate			BBL to Pit		
Max Pressure	1000		14		

DESCRIPTION OF JOB EVENTS

Safety meeting. Rig up JSA. PSI Test PSI Run 50 BBLs at spacer 2nd 10 Rye mix + Pump 452 Sks Cement at 15-2 at 1.27 gied or until Company men stop us. Release Plug Displace 54.4 BBLs New Pump Plug 150-200 over 1st wait couple min Release BE Wash up, Rig Down, Didnt Pump Plug well had leaking Flow Collar Held.

X 1728
Authorization To Proceed

Noble WSS
Title

X 3-18-13
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.