



BISON

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

Invoice

Date	Invoice #
3/12/2013	11710

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

Location	Well Name & No.	Terms	Job Type		
Weld, CO	Circle Ranch LB07-62HN	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	420			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
Service Charge	PSI Test Casing	1			
BFN III Winter ...	BFN III Blend	393	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	6	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	10	oz		
Discount 15%	Discount 15%				

Please Remit Payment To:

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

Subtotal	39,215.15
Sales Tax (2.9%)	1,137.24
Total	40,352.39
Balance Due	40,352.39

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 #

11710

LOCATION

396-97

FOREMAN

Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
3-12-13	Circle Ranch LBO7-62H	7	9N	60W	Weld
BILL TO	CONSULTANT				
Wable	Jerning				
OWNER	RIG NAME & NUMBER				
	H&P 322				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
			3103-3211		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	8:30 am		8:30 am		
STATE, ZIP	TIME LEFT LOCATION				
	12:30 pm				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BFA211 3% BCLA-1 125 lbs per sk BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
817				1512	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor		
9 5/8			.5258		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	Capacity Factor		
812			.00783		
CASING WEIGHT	PACKER DEPTH		TYPE OF TREATMENT		
3613			<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 CONDITION	HYD HHP = RATE X PRESSURE / 40.8				
good					
Max Rate	% Excess				
	54%				
Max Pressure	BBL to Pit				
	12 BBLs				

DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, Psi test, Per cement, rig 60 BBLs KCL H2O and 10 w/ Dye, misc Pump 487 BBLs cement at 30% Excess at 1512 lbs at 1.27 yield until stopped by cement, Release Plug Disp 59.4 BBLs H2O Bump Plug At 150 Psi over Lost PSI went down Release PSI, wash up Rig down

Arrived w/ 600 BBLs cement 45 min Rel 1600 Dye

Authorization to Proceed

Title

X 3-12-13
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.