



BISON

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

Invoice

Date	Invoice #
4/24/2013	11911

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	SLW Ranch State B13-6911N	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	360			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
HOURS	Wait Time	1.25			
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	369	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	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 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

11911

388+59

Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
4-24-13	SLW Ranch State BR-674W	12	5N	64W	Weld
BILL TO	CONSULTANT				
Noble	Shane H. / Seth M				
OWNER	RIG NAME & NUMBER				
Noble	H&P Rig 326				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	21 miles		3103/3211		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	7:30 pm.		6:30 pm.		
STATE, ZIP	TIME LEFT LOCATION				
	12:45 am.				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	B FNTT 3% BCCA-1.25 H&K BFLA-1	
13 3/4			Cement - Specs	lbs	Yield
				15.2	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
644			.5259	.0773	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	TYPE OF TREATMENT		
9 5/8			<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	HYD HHP = RATE X PRESSURE / 40.8		
635					
CASING WEIGHT	PACKER DEPTH				
36 lb.					
CASING CONDITION	Good				
Max Rate	7				
Max Pressure	2500				
	% Excess	30			
	BBL to Pit	10			

DESCRIPTION OF JOB EVENTS

MIRU, Safety Meeting, Psi check to 500 Psi, Circ 40 bbls 11" ID with KCL + Dye x 16 in 2nd 10 bbls, Mix + pump tell good dye is seen at 15.2 lbs. 1.27 yield, Drop plug, Displace 45.8 bbls 11" ID, Bump plug at 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Washup, Rig down,

X Authorization To Proceed

Title

X 4-24-13 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.