



BISON

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

Invoice

Date	Invoice #
6/19/2013	11964

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

Location	Well Name & No.	Terms	Job Type		
Weld CO	Wells Ranch USXAA23-68-1H	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%				
	Subtotal of Services				
BFN III Summer ...	BFN III Blend	346	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	5	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	10	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 (2.8%)	
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

11964
 6867
 Rick

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-19-13	W.R. P. USX 9A 23-68-1H	24	6N	63W	Weld
BILL TO	CONSULTANT				
Woble	Reje Foster				
OWNER	RIG NAME & NUMBER				
	H&P 343				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
			3103-3211		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	11:30 am		16:00 am		
STATE, ZIP	TIME LEFT LOCATION				
	2:30 pm				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
674		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
664		
CASING WEIGHT	PACKER DEPTH	
36 lb		
CASING CONDITION	Good	
Max Rate		
Max Pressure		

Cement Makeup

Cement Blend	BFNITE 3/4 BCCA-1, 25 lbs per sack BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	1512	1.27	5.89
Annulus Factor	Capacity Factor		
.5258	1.0773		

TYPE OF TREATMENT

Surface Pipe Production Squeeze
 MISC Pump P&A

HYD HHP = RATE X PRESSURE / 40.8

% Excess: 10%
 BBL to Pit: 8 BBLs

DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSI test, Per remain over 50 BBLs H2O 2nd 16 1/2 Dye, mix & Pump 409 SPS cement at 30% excess at 1.27 yield at 15.2 lbs or until stopped by remain, Release Plug Disp 48 BBLs H2O Pump Plug At 150 psi over Lift PSI and Sump Release PSI wash up Rig Down.

[Signature]
 Authorization To Proceed

[Signature]
 Title

X 6-19-13
 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.