



BISON

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

Invoice

Date	Invoice #
3/14/2013	11724

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

Location	Well Name & No.	Terms	Job Type		
Weld, CO	Wild Horse GV28-72HN	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	1			
Discount 15%	Discount 15%				
HOURS	Wait Time	10			
BFN III Winter ...	BFN III Blend	389	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	\$10,739.17
Sales Tax (2.7%)	\$286.75
Total	\$11,025.92
Balance Due	\$11,025.92

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

11724
100+89
CALVIN REIMER

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
3-14-13	Wild Horse GV 28-72 HAI	28	9N	61W	Weld
BILL TO	CONSULTANT				
Noble	TAWN				
OWNER	RIG NAME & NUMBER				
Noble	PD Rig 828				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	5.3 miles		3106/3210		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	1:00 pm		11:00 AM		
STATE, ZIP	TIME LEFT LOCATION				
	2:45 am				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
726		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
699.55		
CASING WEIGHT	PACKER DEPTH	
36 lb.		
CASING CONDITION	Good	
Max Rate	2500	
Max Pressure	2500	

Cement Makeup

Cement Blend	B.F.N.III 3% BCCA-1.2516/6 BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	15.2	1.27	5.89
Annulus Factor	Capacity Factor		
.5259	.0773		

TYPE OF TREATMENT

<input checked="" type="checkbox"/> Surface Pipe	<input type="checkbox"/> Production	<input type="checkbox"/> Squeeze
<input type="checkbox"/> MISC Pump	<input type="checkbox"/> P&A	

HYD HHP = RATE X PRESSURE / 40.8

% Excess	20
BBL to Pit	15

DESCRIPTION OF JOB EVENTS

M.R.U. Safety meeting, Pci Test To 500 Psi, Circ 50 bbls H₂O with KCL + Pink Dye x 16 in 2nd 10 bbls, Mix + pump Tell good dye is see at 15.2 lbs 1.27 yield, Drop plug, Displace 52.4 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Wash up, Rig down

X Authorization To Proceed

W.S.S. Time

X 3-14-13 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.