



# BISON

Bison Oil Well Cementing Inc.  
 Suite 102  
 Denver, CO 80202  
 303-296-3010

## Invoice

Date	Invoice #
1/27/2013	11690

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

Location	Well Name & No.	Terms	Job Type		
Weld, CO	Furrow State USX AB 16-26	Net 30	Surface		
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	Job Time	1.75			
Service Charge	PSI Testing	1			
Type III Cement	Type III Cement	400			
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%				
Sugar	Sugar	50	lb		
Discount 15%	Discount 15%				

Please Remit Payment To:

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

Subtotal	\$9,380.17
Sales Tax (2.9%)	\$271.47
Total	\$9,651.64
Balance Due	\$9,651.64

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
Denver, Colorado 80202  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 11690

LOCATION 55-80

FOREMAN Kirk Kallhoff  
Verio, Pueblo

## TREATMENT REPORT

DATE 1-27-13	WELL NAME USX Furrow State AB 16-26-1H/L	SECTION 22	TWP 7N	RGE 64W	COUNTY Weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR H&B 315				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 12:15 am		TIME LEFT LOCATION 7:45 am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 714	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PTSD 659	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 704		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 36 lb	PACKER DEPTH		[ ] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			[ ] PRODUCTION CASING		INITIAL BPM
			[ ] SOOZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] OTHER		HYD RIP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB: Set flying, Rig up, PSI test, Per cement, circ 50 BBLs KCL H2O 2nd 10W Dye, mix & Pump 433  
sls cement at 30% excess at 1.27 yield at 152 lbs or stopped by cement, Release Plug Disp 57 BBLs H2O  
Bump Plug At 150psi over Loft PSI, wait 5min Release PSI, wash up, Rig Down.

Arrived w/ 400SKS cement 45all KCL 16oz Dye  
H2O test ok  
97.9 BBLs slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS: Set flying, 5:15 am circ 5:44 am cement 5:53 am stop cement 6:17 am  
Drop Plug 6:19 am Displace 6:19 am  
100 BBLs at 6 BBLs/min 6:22 am 300psi  
200 BBLs at 6 BBLs/min 6:23 am 380psi  
300 BBLs at 6 BBLs/min 6:25 am 440psi  
400 BBLs at 6 BBLs/min 6:27 am 490psi  
500 BBLs at 1 BBL/min 6:29 am 270psi  
51 BBLs at 1 BBL/min 6:31 am 290psi  
Bump Plug 6:31 pm 520psi

used 20% excess

used 400 SKS cement

90.4 BBLs slurry

Lftm/200SKS cement 25all 391SKL 6oz Dye

BBLs Back 2.1

*[Signature]*  
AUTHORIZATION TO PROCEED

W.S.S. NET

1-27-13  
DATE

Customers hereby acknowledge and specifically agree 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