



BISON

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

Invoice

Date	Invoice #
2/8/2013	11694

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 State USX AA-	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%				
Type III Cement	Type III Cement	376			
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%				

Please Remit Payment To:

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

Subtotal	\$7,976.14
Sales Tax (2.9%)	\$232.31
Total	\$8,208.45
Balance Due	\$8,208.45

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 # 11694

LOCATION 68-69

FOREMAN Kirk Ballhoff
wade, mark

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-7-13	Wells Ranch State 458 AA-16-68-69	14	6N	63W	Weld	

CHARGE TO Nobile	OWNER
MAILING ADDRESS	OPERATOR Nobile
CITY	CONTRACTOR M&P 313
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 6:30am	TIME LEFT LOCATION 12:30

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 667	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 614	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 656		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT 36 lb	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION good			<input checked="" type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SOOZE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input type="checkbox"/> ACID STIMULATION <input type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PUMP <input type="checkbox"/> OTHER		
				BREAKDOWN BPM	
				INITIAL BPM	
				FINAL BPM	
				MINIMUM BPM	
				MAXIMUM BPM	
				AVERAGE BPM	
				HYD HHP = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY		
BREAKDOWN or CIRCULATING psi	AVERAGE psi	
FINAL DISPLACEMENT psi	ISIP psi	
ANNULUS psi	5 MIN SIP psi	
MAXIMUM psi	15 MIN SIP psi	
MINIMUM psi		

INSTRUCTIONS PRIOR TO JOB Safety meeting, Rig up, PSI test, Per company circ 50 BBLs Red H2O 2nd 10' 16' Dye mix Pump 407 SKS cement at 30% Excess at 127 yd at 152 lbs or until stopped By company, Release Plug Disp 47.4 BBLs H2O, Bump Plug At 150 psi over Lift PSI, wait 5 min Release PSI, Wash up, Rig Down. H2O test OK

Arrived w/ 600 SKS cement 4 gal Red 1 Gal Dye 92 BBLs slurry

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 9:30am circ 9:50am cement 10:01am stop cement 10:24am

Drop Plug 10:29am Disp 10:29am
10 BBLs At 6 BBLs/m 10:33am 340psi used 20% Excess
20 BBLs At 6 BBLs/m 10:35am 410psi used 376 SKS cement
30 BBLs At 6 BBLs/m 10:37am 450psi 85 BBLs slurry
40 BBLs At 3.5 BBLs/m 10:39am 350psi
47.4 BBLs At 1 BBL/m 10:45am 230 psi
Bump Plug 100 Per company Pumped 2 Extra BBLs H2O

Lift w/ 224 SKS cement 3 gal Red 3 gal Dye 13 BBLs Red 10

[Signature]
AUTHORIZATION TO PROCEED

TITLE

2-7-13

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