



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

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

Date	6/20/2012
Invoice #	11045

Invoice

Location	Well Name & No.	Terms	Job Type
Weld, CO.	Thomas USX 07-30D	Net 30	Surface Pump
Item	Description	Qty	U/M
Pump surface	PUMP Charge-surface pipe	1	
Discount 15%			
MILEAGE	Milage charge	360	
Discount 15%			
Subtotal of Services			
Discount 15%			
BFN III Summer ...	BFN III Blend	224	Sack
Discount 15%			
Neat Type III	Neat Type III	100	Sack
Discount 15%			
KCL Mud Flush	(BHS 117)	3	qt
Discount 15%			
Subtotal of Materials			
Discount 15%			
Amount			

Please Remit Payment To:

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

Subtotal	\$6,694.17
Sales Tax (2.9%)	\$146.31
Total	\$6,840.48
Balance Due	\$6,840.48

SERVICE INVOICE

№ 11045

BISON OIL WELL CEMENTING, INC.



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

WELL NO. AND FARM	Thompson USX X07-30D
COUNTY	Weld
STATE	CO
DATE	6-26-12
CONTRACTOR	Ensign 226
CHARGE TO	Mobile
WELL LOCATION	TWP. 2N RANGE 65W
SEC. LOCATION	6
DELIVERED TO	22-37
SHIPPED VIA	3163-3205
LOCATION	1 SHIP
LOCATION	2 37-22
LOCATION	3 SHIP
WELL TYPE	6NS
CODE	
TYPE AND PURPOSE OF JOB	Surface Pipe

PRICE REFERENCE	DESCRIPTION	QTY.	UNITS	MEAS.	UNIT PRICE	AMOUNT
	Pump charge	1	each		1400.00	1400.00
	Alert (coment Type III)	224	SLS		18.25	4088.00
	B5N III 3% BCCA-1, 125 lbs per sk BPLA-1	100	SFS		18.25	1825.00
	Mileage 150 pr mile to mile main Road trip	3	each		180.00	540.00
	Billy-1	3	each		75.00	225.00
	Adm. fee					275.00
	RIG NAME & NUMBER ENSIGN 226					
	WELL NAME & NUMBER Thompson USX07-30D					
	APE NUMBER 135853					
	TASK (DRL, OMP, W/O, P&A)					
	EXP TYPE					
	ACTG. CODE 110017					
	DOLLAR TOTAL BEING APPLD 1875.50					
	FIELD APPROVAL DATE 6/26/12					
	Total Weight 1181.33					
	ROUTE TO APPROVE TAX REFERENCES					
	MAIL TO: NOBLE ENERGY INC. ATTN: ACCOUNTS PAYABLE 1625 BROADWAY, SUITE 2200 DENVER, CO 80202					
	TAXES WILL BE ADDED AND COMPANY RATE OFFICE					
	TOTAL					1181.33
	SUB TOTAL					7875.50
	TAX 2.9%					146.31
	TOTAL					1844.48

If this account is not paid within 30 days of invoice date a FINANCE CHARGE will be made. Computed at a single monthly rate of 1 1/2% which is equal to an ANNUAL PERCENTAGE RATE OF 18%.

MAIL TO: NOBLE ENERGY INC.
 ATTN: ACCOUNTS PAYABLE
 1625 BROADWAY, SUITE 2200
 DENVER, CO 80202
 TAXES WILL BE ADDED AND COMPANY RATE OFFICE
 ATTACHED SIGNED FIELD TICKETS

Customer or His Agent

Bison Oil Well Cementing, Inc. Representative

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.

SUBJECT TO CORRECTION

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 # 11045

LOCATION 22-37

FOREMAN Kirk Kallio
 Pete, Loren, Scott

TREATMENT REPORT

DATE	6-20-12
WELL NAME	Thompson USX X07-30D
SECTION	6
TWP	2N
RGE	65N
COUNTY	Weld
FORMATION	

CHARGE TO	Archie
MAILING ADDRESS	Archie
CITY	Archie
STATE ZIP CODE	12100gum
DISTANCE TO LOCATION	2130gum
TIME LEFT LOCATION	

WELL DATA		PRESSURE LIMITATIONS	
TUBING SIZE	12 1/4	THEORETICAL	INSTRUCTED
PERFORATIONS			
TUBING DEPTH	1103		
SHOTS/FT			
TUBING WEIGHT	163.25		
TUBING CONDITION	8 5/8		
CASING DEPTH	1055.96		
CASING WEIGHT	2416		
CASING CONDITION	Good		

PRESSURE SUMMARY		TYPE OF TREATMENT	
BREAKDOWN or CIRCULATING	psi	ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	psi	ACID STIMULATION	MAXIMUM BPM
ANNULUS	psi	ACID SPOTTING	AVERAGE BPM
MAXIMUM	psi	MISC PUMP	HYD HHP = RATE X PRESSURE X 40.8
MINIMUM	psi	OTHER	

INSTRUCTIONS PRIOR TO JOB: Rig up, set cementing, psi top Per cement circ 30 BRIS well H2O, write Pump lead head cement at 1.69 yield at 131 lbs ed 10% excess, mix 1/2 Pump deal cement 306 calcium, 100SKS 127 yield. Release psi, Release plug disp 64.5 BRIS H2O Pump plug add 150 psi over lift psi, wait 5 min. Release psi, wash up rig down. Divided w/ excess cemented 200SKS 340 cement 430-11 P.L. 67.4 BRIS slurry lead 226 ft. 1120-100 oil

DESCRIPTION OF JOB EVENTS: set cementing 12:30am circ 12:50am cement 1:00am stop cement 1:28am
 deep plug 1:30am Displace 1:30am
 10 BRIS at 6 BRIS/m 1:32am 300psi
 20 BRIS at 6 BRIS/m 1:33am 300psi
 30 BRIS at 6 BRIS/m 1:35am 300psi
 40 BRIS at 6 BRIS/m 1:36am 400psi
 50 BRIS at 6 BRIS/m 1:38am 500psi
 60 BRIS at 3.5 BRIS/m 1:42am 400psi
 64.5 BRIS at 1 BRIS/m 1:44am 400psi
 90 BRIS slurry detail
 22.6 BRIS slurry
 324SKS cement total
 67.4 BRIS slurry
 used 100 SKS cement total
 used 224SKS cement
 used 1000 excess lead
 used 176 SKS cement 100SKS 30% cement 300-11 P.L. BRIS Brk 12



B.O.C. Tailgate Safety Meeting Report

INVOICE 116415

Date 6-20-12 Time 12:30 PM Meeting Facilitator Kirk Kleinfelder Work to be Undertaken Surface Pipe

Facility Name and Location Thomson HX 207-300 (Other than 911) Goretex

Nearest Emergency Medical Service Number (Other than 911) Goretex

MINIMUM STANDARDS REQUIREMENT VERIFICATION (must be verified for all members of a work party)

Hard Hat Safety Glasses w/sideshields Safety Toed Footwear Personal Methane Monitor Verify Safety Training

Flame Resistant Clothing New on Job Review Onsite Orientation Other (specify)

HAZARD IDENTIFICATION AND SAFETY BRIEFING DISCUSSION (Check and Discuss all Relevant Hazards)

Positions of People Falling from Heights Slips/Trips/Falls Extreme Heat/Cold Electrical Current Overexertion/Heavy Lifting Spills/Releases Flying Particles Overhead Power Lines

ADDITIONAL PPE REQUIREMENT (based on the job specific hazards, check all that apply)

Eyes/Face Tinted Lenses Goggles Faceshield Hearing Protection

Hands Chemical Resistant Gloves Heat Resistant Gloves Cotton or Leather Gloves Dielectric Gloves

Feet Rubber Boots Over Boots Dielectric Boots

EMERGENCY PREPARATIONS

Muster Areas Communication Methods Means of Egress Emergency Equipment

Additional Topics Covered:

Attendees (Signature)/Company	Attendees (Signature)/Company
<i>[Signature]</i>	<i>[Signature]</i>
<i>[Signature]</i>	<i>[Signature]</i>
<i>[Signature]</i>	<i>[Signature]</i>
<i>[Signature]</i>	<i>[Signature]</i>
<i>[Signature]</i>	<i>[Signature]</i>
<i>[Signature]</i>	<i>[Signature]</i>

Other Considerations and Field Notes:

[Handwritten notes]