



Bison Oil Well Cementing Inc.
1738 Wynkoop St.
Suite 102
Denver, CO 80202
303-296-3010

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

Invoice #	11462
Date	3/28/2012

Invoice

Location	Well Name & No.	Terms	Job Type
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Weld, CO.	Bickling PC E03-21D	Net 30	Surface Pump
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Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
Discount 15%				-15.00%	-210.00
MILEAGE	Milage charge	360		1.50	540.00
Discount 15%				-15.00%	-81.00
Data Acquisition ...	Data Acquisition Charge	1		225.00	225.00
Discount 15%				-15.00%	-33.75
BFN III Winter ...	Subtotal of Services			18.25	1,840.25
Discount 15%				-15.00%	-273.04
KCL Mud Flush	(BHS 117)	5	Sack	7.50	37.50T
Discount 15%				-15.00%	-5.63
Dye - 4880	Dye (Hot Pink 4880)	16	oz	15.00	240.00T
Discount 15%				-15.00%	-36.00
Subtotal of Materials					4,113.99

Subtotal	\$5,954.24
Sales Tax (2.9%)	\$119.31
Total	\$6,073.55
Balance Due	\$6,073.55

Please Remit Payment To:
Bison Oil Well Cementing, Inc.
P.O. Box 29671
Thornton, CO 80229

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

SERVICE INVOICE

№ 11462

WELL NO. AND FARM		Bickling Pt 203-210		CHARGE TO		Noble	
COUNTY	Weld	STATE	Co	DATE	3-28-12	CONTRACTOR	Ensign 126
SEC.	3	TWP.	6	RANGE	65	DELIVERED TO	Shop
SHIPPED VIA		Cler 7445		LOCATION		1	Shop
SHIPPED VIA		3102 3203		LOCATION		2	Weld 7445
TYPE AND PURPOSE OF JOB		Surface Pipe		LOCATION		3	Shop
WELL TYPE		Gas		CODE			

PRICE REFERENCE	DESCRIPTION	UNITS	QTY.	MEAS.	UNIT PRICE	AMOUNT
	Pump Charge		1	EA	1400.00	1400.00
	Cement Blend 3% BGA-1.25% BS BFA-1	250	SLs		18.25	4562.50
	1304-1	5	QTS		7.50	37.50
	142	16	QZ		15.00	240.00
	Mileage 1 st per mile Round Trip 60 mi. m.m.	3	EA		180.00	540.00
	Date Neg	1	EA		225.00	225.00

Drilling 126
 Bickling Pt 203-210
 PROJECT NO. 132121
 TACTICAL COMP WFO PWT
 ACTG CODE 1.1 0017
 DOLLAR TO BE PAID W/INVOICE 1005.00
 DATE 3-28-12
 1ST LEVEL APPROVAL
 2ND LEVEL APPROVAL
 MAIL TO: NOBLE ENERGY INC.
 1625 BROADWAY
 SUITE 2200
 DENVER, CO 80202
 NO PAYMENT BE PAID WITHIN 30 DAYS

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%.

"TAXES WILL BE ADDED AT CORPORATE OFFICE"

SUB TOTAL 1550.76
 TAX 2.91% 45.05
 TOTAL 1595.81

SUBJECT TO CORRECTION

Bison Oil Well Cementing, Inc. Representative

Customer or His Agent

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.

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

TREATMENT REPORT

DATE	3/28-12	WELL NAME	Buckling PE 203-21-0	SECTION	3	TWP	6	RGE	65	COUNTY	L Weld	FORMATION	
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REF. INVOICE # 11462
LOCATION WCA 74145
FOREMAN Mike Rosalez

CHARGE TO	Noble	OWNER	
MAILING ADDRESS		OPERATOR	Noble
CITY		CONTRACTOR	Ensley Inc
STATE ZIP CODE		DISTANCE TO LOCATION	230
TIME ARRIVED ON LOCATION	9:00 am	TIME LEFT LOCATION	2:30

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE	12 1/4	THEORETICAL	INSTRUCTED
TUBING SIZE	760	SURFACE PIPE ANNULUS LONG	
TUBING DEPTH	708.14	STRING	
TUBING WEIGHT	8518	TUBING	
CASING SIZE	753.56	TYPE OF TREATMENT	
CASING DEPTH	753.56	TREATMENT RATE	
CASING WEIGHT	241133		
CASING CONDITION	Good		

PRESSURE SUMMARY		TYPE OF TREATMENT	
BREAKDOWN or CIRCULATING	psi	ISURFACE PIPE	BREAKDOWN BPM
AVERAGE	psi	PRODUCTION CASING	INITIAL BPM
FINAL DISPLACEMENT	psi	SOEZE CEMENT	FINAL BPM
ISIP	psi	ACID BREAKDOWN	MINIMUM BPM
ACID STIMULATION	psi	MAXIMUM BPM	MAXIMUM BPM
5 MIN SIP	psi	ACID SPOTTING	AVERAGE BPM
15 MIN SIP	psi	MISC PUMP	
MINIMUM	psi	OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB
Rig up, Safety, Test 500 Cure 50 BBLs H2O/KCL mix @ 2 ID Dye
Mixer Pump 322 SKS Cement (30% excess) 127 gals. 15-2 lbs O or unit / Company over stopper
US. Retract Plug Displace 45.1 BBLs H2O Bump Plug 150 PSI over 1st unit / Company over stopper
PST, Wash up Big Down
Approved to fill with 750 SKS 8 gals KCL + 1 lb Dye
H2O Test
Slurry
JOB SUMMARY
Description of Job Events
Safety, 11:50 AM Cure 12:33 PM Cement start 12:46 PM
Cement stop 12:59 Retract Plug 1:03 PM Displace 1:03 PM
Used 1 C/O Excess
Used 250 SKS Cement
Slurry 56.54
Flow Rate held
30 BBLs @ 5-1 BBLs 1:11 PM 390 PSI
40 BBLs @ 3-1 BBLs 1:15 PM 390 PSI
45.1 BBLs @ 1-0 BBLs 1:17 PM 390 PSI
Bump Plug 1-0 BBLs 1:17 PM 570 PSI
Left with 500 SKS Cement 3 gals Dye

Bison Oil Well Cementing, Inc
1738 Wynkoop St., Ste. 102
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303-296-3010
www.bisonoilwell.com



Cementing Customer Satisfaction Survey

Invoice Number	11462
Well Permit Number	Gas
Well Type	PE 303-210
Well Number	Surf Plus POC
Lease	Abolic
Job Type	Brook
Company Name	
Customer Representative	
Customer Phone Number	
Supervisor Name	Mike Rosner
Employee Name	
Service Date	3-28-12
Invoice Amount	
Well Name	Bickling
Well Location	WEL 74+45
County	Weld
SEC/TWP/RNG	3-6-65
State	CO
Total Exposure Hours	
Did we encounter any problems on this job? Yes/No	No

Rating/Description

- 5 - Superior Performance (Established new quality / performance standards)
- 4 - Exceeded Expectations (Provided more than what was required / expected)
- 3 - Met Expectations (Did what was expected)
- 2 - Below Expectations (Job problems / failures occurred [* Recovery made])
- 1 - Poor Performance (Job problems / failures occurred [* Some recovery made])
- * Recovery: resolved issue(s) on jobsite in a timely and professional manner

RATING / CATEGORY

- Personnel - 2
- Equipment - 3
- Job Design - 3
- Product / Material - 3
- Health & Safety - 3
- Environmental - 3
- Timeliness - 3
- Condition / Appearance - 3
- Communication - 3
- Improvement - 3

CUSTOMER SATISFACTION RATING

- Did our personnel perform to your satisfaction? 3
- Did our equipment perform to your satisfaction? 3
- Did we perform the job to the agreed upon design? 3
- Did our products and materials perform as you expected? 3
- Did we perform in a safe and careful manner (Pre / post mtgs, PPE, TSMR, etc..)? 3
- Did we perform in an environmentally sound manner (Spills, leaks, cleanup, etc..)? 3
- Was job performed as scheduled (On time to site, accessible to customer, completed when expected)? 3
- How well did our personnel communicate during mobilization, rig up, and job execution? 3
- What can we do to improve our service? 3

Please Circle:

- Yes / No - Did an accident or injury occur? Yes
- Yes / No - Did an injury requiring medical treatment occur? Yes
- Yes / No - Did a first-aid injury occur? Yes
- Yes / No - Did a vehicle accident occur? Yes
- Yes / No - Was a post-job safety meeting held? Yes

Additional Comments:

- Yes / No - Was a pre-job safety meeting held? Yes
- Yes / No - Was a job safety analysis completed? Yes
- Yes / No - Were emergency services discussed? Yes
- Yes / No - Did environmental incident occur? Yes
- Yes / No - Did any near misses occur? Yes

THE INFORMATION HEREIN IS CORRECT -

Customer Representative's Signature

Any additional Customer Comments or HSE concerns should be described on the back of this form

Date

3-28-12

