



BISON

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

Invoice

Date	Invoice #
9/6/2011	10334

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

Location	Well Name & No.	Job Type	Terms	Rig	
Weld, CO	Kerbs USXA15-12D	Surface	Net 30		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
Discount 15%	Discount 15%			-15.00%	-210.00
MILEAGE	Mileage charge	360		1.50	540.00
Discount 15%	Discount 15%			-15.00%	-81.00
Data Acquisitio...	Data Acquisition Charge	1		225.00	225.00
Discount 15%	Discount 15%			-15.00%	-33.75
	Subtotal of Services				1,840.25
BFN III Summe...	BFN III Blend	336	Sack	18.25	6,132.00T
Discount 15%	Discount 15%			-15.00%	-919.80
KCL Mud Flush	(BHS 117)	4	qt	7.50	30.00T
Discount 15%	Discount 15%			-15.00%	-4.50
Dye - 4880	Dye (Hot Pink 4880)	16	oz	15.00	240.00T
Discount 15%	Discount 15%			-15.00%	-36.00
	Subtotal of Materials				5,441.70
					7,281.95

Please Remit Invoices To:

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

Subtotal	\$7,281.95
Sales Tax (2.9%)	\$157.81
Total	\$7,439.76
Balance Due	\$7,439.76

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



SERVICE INVOICE

Nº 10334

WELL NO. AND FARM <i>Kerbs USX A-15-12-D</i>	COUNTY <i>Weld</i>	STATE <i>CO</i>	DATE <i>9-6-11</i>
CHARGE TO <i>Noble</i>	WELL LOCATION SEC. <i>15</i> TWP. <i>T6N</i> RANGE <i>R4W</i>		CONTRACTOR <i>Saxon 143</i>
DELIVERED TO <i>Rd 70 + 55</i>		LOCATION <i>1 Shop</i>	CODE
SHIPPED VIA <i>3102/3204</i>		LOCATION <i>2 70+55</i>	CODE
TYPE AND PURPOSE OF JOB <i>Surface Pipe</i>		LOCATION <i>3 Shop</i>	CODE
		WELL TYPE <i>GAS</i>	CODE

PRICE REFERENCE	DESCRIPTION	UNITS		UNIT PRICE	AMOUNT
		QTY.	MEAS.		
	<i>Pump Charge</i>	<i>1</i>	<i>EA</i>	<i>1400⁰⁰</i>	<i>1400⁰⁰</i>
	<i>Cement BFW III, 3% BOCA-1 251BS/sk BFLA-1</i>	<i>336</i>	<i>SKS</i>	<i>18²⁵</i>	<i>6132⁰⁰</i>
	<i>BCLY -1</i>	<i>4</i>	<i>QTS</i>	<i>7⁵⁰</i>	<i>30⁰⁰</i>
	<i>Dye</i>	<i>16</i>	<i>GB</i>	<i>15⁰⁰</i>	<i>240⁰⁰</i>
	<i>Milage 150 per mile, Round Trip 60 mile min</i>	<i>3</i>	<i>EA</i>	<i>180⁰⁰</i>	<i>540⁰⁰</i>
	<i>Data App</i>	<i>1</i>	<i>EA</i>	<i>225⁰⁰ 250⁰⁰</i>	<i>225⁰⁰ 250⁰⁰</i>

RIG NAME & NUMBER: <i>Saxon 143</i>
WELL NAME & NUMBER: <i>Kerbs USX A-15-12-D</i>
AFE NUMBER: <i>132186</i>
TASK (DRL. COMP. W/O. P&A): <i>1.1</i>
EXP TYPE: <i>17</i>
ACTG CODE:
DOLLAR TOTAL BEING LOADED <i>8542.00</i>
TAX REFERENCES
FIELD APPROVAL DATE <i>Amman 9-6-11</i>
ROUTE TO APPROVER
TAXES WILL BE ADDED AT CORPORATE OFFICE"
MAIL TO: NOBLE ENERGY INC. ATTN: ACCOUNTS PAYABLE 1625 BROADWAY, SUITE 2200 DENVER, CO 80202 NO INVOICE WILL BE PAID W/O ALL ATTACHED SIGNED FIELD TICKETS

(128505)

8542.00
8542.00
157.81
7439.76

SUB TOTAL
2.970 TAX

TOTAL

SUBJECT TO CORRECTION

Amman
Customer or His Agent

Mike Rosal
Bison Oil Well Cementing, Inc. Representative

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.

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 # 10334
LOCATION Rd 70 + 55
FOREMAN Mike Rosales
L.R. MARRS Kirk

TREATMENT REPORT

DATE <u>9-6-11</u>	WELL NAME <u>Kerbs USK A15 12-D</u>	SECTION <u>15</u>	TWP <u>T6N</u>	RGE <u>R64W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Noble</u>			
CITY			CONTRACTOR <u>Saxon 143</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>3:45</u>			TIME LEFT LOCATION			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>915</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>869.01</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		

WELL DATA			TYPE OF TREATMENT		TREATMENT RATE	
CASING DEPTH <u>913.81</u>	PACKER DEPTH	TREATMENT VIA	[] SURFACE PIPE		BREAKDOWN BPM	
CASING WEIGHT <u>241BS</u>			[] PRODUCTION CASING		INITIAL BPM	
CASING CONDITION <u>Good</u>			[] SQUEEZE CEMENT		FINAL BPM	

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 Ris up, Safety meeting, PSI Test, Circulate 50 BBLs H₂O/KCL mix 2nd 10 Dye
mix and Pump 357 sks Cement (30% excess) yield 1.27, at 15-21 BS, or until Company man stops
us. But no more than 30% excess per company man Release Plug Displace 65.3 BBLs H₂O Pump Plug 150 PSI
over left. wait 5 min Release PSI, Wash up ris Down H₂O TEST

Arrive on location with 650 sks Cement 4 gal KCL 16 oz Dye Slurry 87.5

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting 4:15 am Circulate 4:40 am Cement 4:54 am
Drop Plug 5:20 am Displace 5:20 am

<u>10 BBLs at 5.0 BBL/m</u>	<u>5:22 am</u>	<u>250 PSI</u>	<u>used 12% excess</u>
<u>20 BBLs at 5.0 BBL/m</u>	<u>5:24 am</u>	<u>280 PSI</u>	<u>used 336 sks Cement</u>
<u>30 BBLs at 5.0 BBL/m</u>	<u>5:26 am</u>	<u>360 PSI</u>	<u>75.9 Slurry</u>
<u>40 BBLs at 5.0 BBL/m</u>	<u>5:28 am</u>	<u>460 PSI</u>	
<u>50 BBLs at 3.5 BBL/m</u>	<u>5:31 am</u>	<u>410 PSI</u>	
<u>55.3 BBLs at 1.5 BBL/m</u>	<u>5:34 am</u>	<u>410 PSI</u>	
<u>Bump Plug</u>	<u>5:34 am</u>	<u>630 PSI</u>	

Left Location with 314 sks Cement 3 gal KCL @ Dye BBLs Back 7

[Signature]
AUTHORIZATION TO PROCEED

TITLE

9-6-11

DATE

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