



BISON

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

Invoice

Date	Invoice #
1/25/2013	11304

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

Location	Well Name & No.	Terms	Job Type		
Weld, CO	LDS E35-79HC	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				
Discount 15%	Discount 15%				
HOURS	Wait Time	1			
BFN III Winter ...	BFN III Blend	322	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	5	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	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

Sales Tax (2.9%)

Total

Balance Due

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 # 11304

LOCATION WCR 64+45

FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-25-13	LDS E35-79HC	35	6N	65W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>H&P Rig 321</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>3:00 pm.</u>	TIME LEFT LOCATION <u>11:00 pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
13 3/4			SURFACE PIPE ANNULUS LONG		
TOTAL DEPTH <u>675</u>	TUBING DEPTH	SHOTS/FT	STRING		
PBTD <u>628.83</u>	TUBING WEIGHT	OPEN HOLE	TUBING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TYPE OF TREATMENT		TREATMENT RATE
CASING DEPTH <u>635.62</u>		TREATMENT VIA	<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING WEIGHT <u>3616</u>	PACKER DEPTH		<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM
CASING CONDITION <u>Good</u>			<input type="checkbox"/> SQUEEZE CEMENT		FINAL BPM
TPWLJ <u>670.62</u>			<input type="checkbox"/> ACID BREAKDOWN		MINIMUM BPM
BREAKDOWN or CIRCULATING psi	AVERAGE psi		<input type="checkbox"/> ACID STIMULATION		MAXIMUM BPM
FINAL DISPLACEMENT psi	ISIP psi		<input type="checkbox"/> ACID SPOTTING		AVERAGE BPM
ANNULUS psi	5 MIN SIP psi		<input type="checkbox"/> MISC PUMP		
MAXIMUM psi	15 MIN SIP psi		<input type="checkbox"/> OTHER		HYD HHP = RATE X PRESSURE X 40.8
MINIMUM psi					

INSTRUCTIONS PRIOR TO JOB Safety meeting, Rig up, Circ 50 bbls H₂O with KCL + Pink Dye in 2nd 10 bbls, Mix + pump tell good Dye is seen at 15.2 lbs. 1.27 yield, Drop plug, Displace 48.6 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Washup, Rig down,

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 8:15 pm, Circ 9:29 pm, CEMENT 9:40 pm to 10:00 pm
Drop Plug 10:03 pm, Displace 10:04 pm
10 bbls. 250 Psi 10:08 pm 6.0 bbls/m
20 bbls. 280 Psi 10:10 pm 6.0 bbls/m
30 bbls. 360 Psi 10:12 pm 6.0 bbls/m
40 bbls. 320 Psi 10:14 pm 4.0 bbls/m
48.6 bbls. 260 Psi 10:18 pm 1.0 bbls/m
Bump Plug 410 Psi At 10:18 pm Float Collar Held

USED 5% Excess = 322 SKs, 72.83 bbls Slurry

5 bbls Slurry to Surface

[Signature]

WSS

1-25-13

AUTHORIZATION TO PROCEED

TITLE

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