

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

INVOICE # 11751
LOCATION 60/17
FOREMAN Jim

TREATMENT REPORT

DATE <u>3/21/13</u>	WELL NAME <u>Thornton 01-05</u>	SECTION <u>I</u>	TWP <u>5N</u>	RGE <u>67W</u>	COUNTY	FORMATION
CHARGE TO <u>Noble</u>			OWNER			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR <u>Ensign 306</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>60 min</u>			
TIME ARRIVED ON LOCATION <u>7:00 AM</u>			TIME LEFT LOCATION <u>Reg 8:00</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE <u>2 3/8</u>	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH	TUBING DEPTH <u>4000</u>	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT <u>4.7</u>	OPEN HOLE	STRING		
CASING SIZE	TUBING CONDITION		TUBING		
CASING DEPTH		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT	PACKER DEPTH		[] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION			[] PRODUCTION CASING		INITIAL BPM
			[] SQUEEZE CEMENT		FINAL BPM
			[] ACID BREAKDOWN		MINIMUM BPM
			[] ACID STIMULATION		MAXIMUM BPM
			[] ACID SPOTTING		AVERAGE BPM
			[] MISC PUMP		
			[] OTHER <u>Ref A</u>		HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB M&P 1st plug 100 sk 15.8 lb, 1.15 yd, 5 gal/sk
2nd plug 50 sk same, pump to surface with same cement

JOB SUMMARY		
DESCRIPTION OF JOB EVENTS <u>Safety @ 9:00 AM</u>		
<u>plug 1</u>	<u>plug 2</u>	<u>plug 3</u>
<u>100 SKS</u>	<u>50 SKS</u>	<u>269 SKS</u>
<u>CIRC 9:06</u>	<u>CIRC 10:15</u>	<u>CIRC 11:25</u>
<u>M&P 9:06-9:22</u>	<u>M&P 10:21-10:25</u>	<u>M&P 11:27-11:41</u>
<u>Disp 9:22-9:25</u>	<u>Disp 10:25-10:28</u>	<u>Disp 11:42</u>
<u>psi 380</u>	<u>psi 210</u>	<u>50 psi</u>

419 SKS Total

AUTHORIZATION TO PROCEED

TITLE

DATE

CEMENT

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SERVICE INVOICE

No 11751

WELL NO. AND FARM Thornton Farms		COUNTY Weld	STATE CO	DATE 3/21/13	
CHARGE TO Noble		WELL LOCATION SEC. 5 TWP. 5N RANGE 67W		CONTRACTOR Esign 306	
		DELIVERED TO		LOCATION 1 W Lasalle	CODE
		SHIPPED VIA 4017, 3203, 4023, 316, 119		LOCATION 2 62 62/17	CODE
		TYPE AND PURPOSE OF JOB P & A		LOCATION 3 Lasalle	CODE
				WELL TYPE OIL	CODE

[illegible]

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 1/4% which is equal to an ANNUAL PERCENTAGE RATE OF 18%.

TAX REFERENCES

SUB TOTAL

TAX

TOTAL

SUBJECT TO CORRECTION

"TAXES WILL BE ADDED AT CORPORATE OFFICE"

Customer or His Agent

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.