

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33190  
Name: Noble Energy, Inc.  
Address: 1625 Broadway, Suite 2000  
City/State/Zip: Denver, CO 80202  
Purchaser: Bittercreek Pipeline  
Operator Contact Person: Joe Mazotti  
Phone: ( 303 ) 228-4223  
Contractor: Name: Excell Services Inc., Wray, CO  
License: 8273  
Wellsite Geologist: none

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: n/a

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

9/16/2007	9/17/2007	10/1/2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20759-00-00

County: Cheyenne

NE SE \_\_\_\_\_ Sec. 15 Twp. 3 S. R. 42  East  West

1980' feet from S / N (circle one) Line of Section

660' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Rueb Farm Well #: 43-15

Field Name: Cherry Creek

Producing Formation: Niobrara

Elevation: Ground: 3695' Kelly Bushing: 3701'

Total Depth: 1700' Plug Back Total Depth: 1650'

Amount of Surface Pipe Set and Cemented at 300', cmt w/ 107 sx Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from n/a

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

*ALT I W HW  
12-13-07*

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: NOV 15 2007

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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**KANSAS CORPORATION COMMISSION**  
**NOV 15 2007**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: \_\_\_\_\_

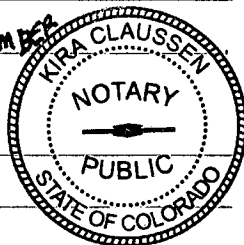
Title: Regulatory Analyst Date: 11/13/2007

Subscribed and sworn to before me this 13 day of November

20 07

Notary Public: Kira Clausen

Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: **Noble Energy Inc.** Lease Name: **Rueb Farm** Well #: **43-15**  
 Sec. **15** Twp. **3** S. R. **42**  East  West County: **Cheyenne**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name <b>Niobrara</b> Top <b>1483'</b> Datum 
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9 1/4"	7"	17 Lbs./Ft.	300'	50/50 POZ	107	3% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	9.5 Lbs./Ft.	1696'	Lead, Type III	55	12%gel, 2%CaCl, .25 Flo-cele
					Tail, 50/50 POZ	75	3%CaCl, .25% flo-cele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3 spf	Perf. Niobrara interval from 1486' to 1522', 1540', 1552'  (38', 3spf, 114 holes). 0.41"EHD, 120 degree phase.	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of  25% CO2 foamed gel pad; 31,101 gals 25% CO2 foamed  gel carrying 100,400 lbs 16/30 sand. AIP-660psi; AIR-22 bpm.	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>11/7/2007</b>		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	102	0	0	

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*      METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

# BISON OIL WELL CEMENTING, INC.

P.O. Box 2223 • Gillette, WY 82717-2223

Phone: 307-682-9044

Fax: 307-682-9056

E-mail: bisonoil@vcn.com



6508

LOCATION St. Francis

FOREMAN David

## TREATMENT REPORT

DATE <u>9-16-07</u>	CUSTOMER ACCT #	WELL NAME <u>Rushforn 43-8</u>	QTR/QTR <u>NE 55</u>	SECTION <u>15</u>	TWP <u>35</u>	RGE <u>42W</u>	COUNTY <u>Cheyenne</u>	FORMATION
CHARGE TO <u>Excell Services</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR <u>McPherson</u>				
STATE				DISTANCE TO LOCATION <u>70</u>				
TIME ARRIVED ON LOCATION <u>5:15</u>				TIME LEFT LOCATION <u>5:45</u>				

HOLE SIZE <u>9 7/8</u>
TOTAL DEPTH <u>304</u>
CASING SIZE <u>7</u>
CASING DEPTH <u>300</u>
CASING WEIGHT
CASING CONDITION
TUBING SIZE
TUBING DEPTH
TUBING WEIGHT
TUBING CONDITION
PACKER DEPTH
PERFORATIONS
SHOTS/FT
OPEN HOLE
TREATMENT VIA

TYPE OF TREATMENT	
<input checked="" type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety Meeting MIAU Circ 6 Bbls H<sub>2</sub>O Mix & Pump 12 Bbls / 1065kts  
@ 15.2 #/gal Disp. 11.5 Bbls H<sub>2</sub>O Shut in Clean up R.D.M.O  
9 to P.M.

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PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED

TITLE

DATE

9-16-07

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. LL3  
 Denver, Colorado 80202  
 Phone: 303-298-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil2@qwest.net

REF. INVOICE # 6483  
 LOCATION St. Francis  
 FOREMAN David E.

## TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QT/OTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-17-07		Rueh 43-15	N15E	15	35	42W	Cheyenne	

CHARGE TO <u>Excell Services</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>Excell #17</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70m.</u>
TIME ARRIVED ON LOCATION <u>730</u>	TIME LEFT LOCATION <u>900</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
<u>6 1/2</u>					
TOTAL DEPTH <u>1700</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1897</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>105</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION			<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
			<input type="checkbox"/> MISC PUMP		
			<input type="checkbox"/> OTHER	HYD NHP = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY		
BREAKDOWN or CIRCULATING	psi	AVERAGE
FINAL DISPLACEMENT	psi	ISIP
ANNULUS	psi	5 MIN SIP
MAXIMUM	psi	15 MIN SIP
MINIMUM	psi	

INSTRUCTIONS PRIOR TO JOB 30 Bbls Mud Flush Mix + Pump 55 sks / 18 Bbls Lead, 75 sk  
8.5 Bbl Tail Drop plug Rinse Hose, Disp 26.15 Bump plug to 1500 psi

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS Safety Meeting M/RU Pumped 30 Bbl Mud Flush Mix +  
Pump 55 sk / 18 Bbl Lead @ 12.2 #/gal Mix + Pump 75 sk / 8.5 Bbl tail @  
15.2 #/gal Ripped out Hose, Drop plug Disp 26.15 Bbls H<sub>2</sub>O Bumped  
Plug @ 1500 psi waited 2 min Released Checked a Hole  
Clean up RDMO  
9 to Pit

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CONSERVATION DIVISION  
 WICHITA, KS

10 @ 400 psi 20 @ 700 psi 26 @ 1500 @ 8:30 pm

[Signature] AUTHORIZATION TO PROCEED  
 TITLE  
 DATE 9-17-07

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.