

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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 2200  
City/State/Zip: Denver, CO 80202  
Purchaser: Bitter Creek Pipelines  
Operator Contact Person: Jennifer Barnett  
Phone: (303) 228-4235  
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: \_\_\_\_\_  
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. \_\_\_\_\_

<u>3/01/2008</u>	<u>3/09/2008</u>	<u>4/09/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20998-0000  
County: Cheyenne  
SE    NW    SE    SE    Sec. 16 Twp. 3 S. R. 42  East  West  
880' feet from (S) N (circle one) Line of Section  
920' 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 #: 44-16  
Field Name: Armel

Producing Formation: Niobrara  
Elevation: Ground: 3705' Kelly Bushing: 3714'  
Total Depth: 1738' Plug Back Total Depth: 1670'  
Amount of Surface Pipe Set and Cemented at 321' cmt w/ 108 sx Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to ALT I - DLG - 9/3/08 w/ \_\_\_\_\_ sx cmt.

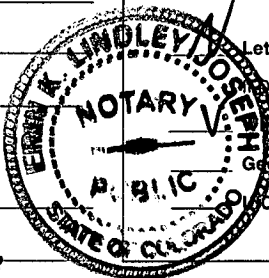
Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: Jennifer Barnett  
Title: Permit Representative Date: 6/2/08  
Subscribed and sworn to before me this 2nd day of June  
2008  
Notary Public: Carl Lindley Joseph  
Date Commission Expires: My Commission Expires Aug. 20, 2008

**KCC Office Use ONLY**  
Letter of Confidentiality Received   
Denied, Yes  Date: \_\_\_\_\_  
Wireline Log Received   
Geologist Report Received   
C Distribution   
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**JUN 04 2008**  
CONSERVATION DIVISION  
WICHITA, KS



ORIGINAL

Side Two

Operator Name: Noble Energy, Inc. Lease Name: Rueb Farm Well #: 44-16
Sec. 16 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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run:
Triple Combo (Array Induction/Comp. Nuetron/ Litho Density), CBL/GR/CCL

CASING RECORD
Table with 8 columns: 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. Rows include Surface and Production data.

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

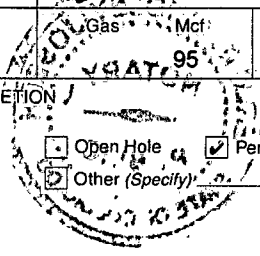
PERFORATION RECORD - Bridge Plugs Set/Type
Table with 4 columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Rows include 3 spf intervals.

TUBING RECORD
Table with 4 columns: Size, Set At, Packer At, Liner Run (Yes/No).

Date of First, Resumerd Production, SWD or Enhr. 4/21/2008
Producing Method: Flowing, Pumping, Gas Lift, Other (Explain)

Estimated Production Per 24 Hours
Table with 4 columns: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: Vented, Sold, Used on Lease
METHOD OF COMPLETION: Open Hole, Perf., Dually Comp., Commingled
Production Interval



# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
 Denver, Colorado 80202  
 Phone: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwest.net

INVOICE # 6892

LOCATION CFJ

FOREMAN PET  
Tony Jim

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
<u>3/20/08</u>	<u>PLUGS STAIRS 41116</u>				<u>Cherokee</u>	

CHARGE TO <u>ETCELL SERVICES</u>	OWNER <u>MOORE</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>MACPHERSON DRILLING</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 miles</u>
TIME ARRIVED ON LOCATION <u>9:00</u>	TIME LEFT LOCATION <u>10:15</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 5/8</u>				
TOTAL DEPTH <u>315</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>7 1/2</u>	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING DEPTH <u>312</u>				
CASING WEIGHT <u>17</u>	RACKER DEPTH			
CASING CONDITION				

PRESSURE SUMMARY			TREATMENT RATE	
BREAKDOWN or CIRCULATING psi	AVERAGE psi		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
FINAL DISPLACEMENT psi	ISIP psi		<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
ANNULUS psi	5 MIN SP psi		<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
MAXIMUM psi	15 MIN SP psi		<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
MINIMUM psi			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
			<input type="checkbox"/> WASC PUMP	
			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB MI 200, SHUT IN MACHINE, ESTIMATE, MAP JOB SITE, CHECK  
102 DENSITY 1.137 KLD DISPLACE 13 DBLS 1/20 54L+400L  
WASH UP PIT 119 DOWN

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS: MI 200, SA MI 200 9:00 CASING 9:34 CEM 9:45  
DISPLACE 9:53 SHUT IN 9:57 DBLS TO PT 7

RECEIVED  
 KANSAS CORPORATION COMMISSION

JUN 04 2008

CONSERVATION DIVISION  
 WICHITA, KS

Billy S. McArthur  
 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.

# BISON OIL WELL CEMENTS, INC.



1738 Wynkoop St., Ste. 102  
 Denver, Colorado 80202  
 Phone: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil@qwest.net

INVOICE # 7568

LOCATION CR24 CRP

FOREMAN Pat  
 FOR JIM

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-19-08	RUEB SATINS L1-L16				Lincoln	

CHARGE TO EXCEL SERVICES	OWNER NOBLE
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR EXCEL 17
STATE ZIP CODE	DISTANCE TO LOCATION 90 miles
TIME ARRIVED ON LOCATION 4:30 REACHED	TIME LEFT LOCATION 9:00

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 6 1/2	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 1737	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 4 1/2	TUBING CONDITION		TUBING		
CASING DEPTH 1797		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 10.5	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION (GOOD)			<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 HHP = RATE X PRESSURE X 40.8	

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: m/f 7:00 SAT 7:20 m/f 7:25  
 m & PLH 5 K5 LEAD CEMENT 12.0 DENSITY 2.64 YIELD, m & PLH 5 K5 LEAD  
 CEMENT 13.8 DENSITY 1.93 YIELD DROP PLUG 17.5 PLUG 26.5 BRCS H2O  
 Bump plug 1200 to 1500 PSI - RELEASE PRESSURE, WITH W.P.H. PIT  
 RIG DOWN

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS: m/f 7:00 SAT 7:20 m/f 7:25  
 CEM 7:35 DROP PLUG 7:48 DISPLACE 7:54  
 10AVO 7:57 PSI 200 20AVO 8:01 PSI 400  
 20AVO 8:01 PSI 100 13 BRCS 8:10

RECEIVED  
 KANSAS CORPORATION COMMISSION

JUN 04 2008

CONSERVATION DIVISION  
 WICHITA, KS

*[Signature]*

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.