

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: Bittercreek Pipeline  
Operator Contact Person: Raelene Milne  
Phone: (303) 228-4212  
Contractor: Name: Excell Services Inc., Wray, CO  
License: 8273  
Wellsite Geologist: none

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  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. \_\_\_\_\_

<u>1/8/2008</u>	<u>1/9/2008</u>	<u>1/21/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023 -20757-00-00  
County: Cheyenne  
NE NE Sec. 15 Twp. 3 S. R. 42  East  West  
330' feet from S / N (circle one) Line of Section  
740' 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 #: 41-15  
Field Name: Cherry Creek

Producing Formation: Niobrara  
Elevation: Ground: 3716' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1740' Plug Back Total Depth: 1694'  
Amount of Surface Pipe Set and Cemented at 335' cmt w/ 130 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/ \_\_\_\_\_  
*Alt II - Dig - 1/29/09*

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 Bant  
Title: Permit Representative Date: 3/3/2008  
Subscribed and sworn to before me this 3rd day of March  
08  
Notary Public: Raelene K. Milne  
Date Commission Expires: August 6, 2011

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

Operator Name: Noble Energy, Inc. Lease Name: Rueb Farm Well #: 41-15  
 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:  <b>Triple Combo/ Array Induction/ Comp. Neutron                  Litho Density, CBL/GR/CCL</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name <u>Niobrara</u> Top <u>1542'</u> 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 7/8"	7"	20 Lbs./Ft.	335'	50/50 POZ	130	3% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1737'	Lead, Type III	42	12%gel, 2%CaCl, .25 Flo-cele
					Tail, 50/50 POZ	56	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 <i>(Amount and Kind of Material Used)</i>	Depth
3 spf	Perf. Niobrara interval from 1542' to 1578'  (49', 3spf, 147 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; 30,976 gals 25% CO2 foamed  gel carrying 100,240 lbs 16/30 Badger sand. AIP-578psi; AIR-13.6 bpm.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
				Yes   <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. <b>2/19/2008</b>	Producing Method   Flowing     Pumping     Gas Lift     Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <b>0</b> Gas Mcl <b>72</b> Water Bbls. <b>0</b> Gas-Oil Ratio <b>0</b> Gravity	

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

# BISON OIL WELL CEMENTING, INC.



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

INVOICE # 6808  
 LOCATION ST. FRANCIS KS  
 FOREMAN STANLEY R. STIMPSON  
CLORENCE  
GLEN

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-8-08	RUBB FARM 41-15				CHEYENNE	

CHARGE TO <u>EXCELL</u>	OWNER
MAILING ADDRESS	OPERATOR <u>NEFL</u>
CITY	CONTRACTOR <u>EXCELL R. &amp; Z</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>2:10</u>	TIME LEFT LOCATION <u>3:45</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>10 1/4</u>				
TOTAL DEPTH <u>1746</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>1731</u>		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT <u>10.5</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION <u>good</u>	<u>PBTD-16.94</u>		<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM
PRESSURE SUMMARY			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
BREAKDOWN or CIRCULATING psi	AVERAGE psi		<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT psi	ISIP psi		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
ANNULUS psi	5 MIN SIP psi		<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
MAXIMUM psi	15 MIN SIP psi		<input type="checkbox"/> MISC PUMP	
MINIMUM psi			<input type="checkbox"/> OTHER	HYD HNP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB MIRU SAFETY MEETING SET PLUG m-p 30 BRIS mud FLUSH  
m-p 42 SHS 50/50 POT 12% BBG-1 2% BICHA 1% BFL-80 12.5% BFLA-1  
m-p 56 SHS 50/50 POT 2% BBG-1 2% BICHA 2.5% BFLA-1 DROP PLUG  
Displace 27 BRIS 1400 50T PLUG 1400 1500 PSI CHECK FLOAT & PLUG  
WASH UP TO PIT Rig down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MIRU (2:09) SAFTY (2:30) mud FLUSH (2:40)  
m-p Tail cement (2:45) m-p Tail cement (2:54)  
Drop Plug (3:00) Displace (3:03)  
 Time Annul PSI  
 3:07 10 300  
 3:11 20 600  
 3:14 SET PLUG 1500

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 KANSAS CORPORATION COMMISSION

MAR 04 2008

CONSERVATION DIVISION  
 WICHITA, KS

*[Signature]*

1-9-08

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 CEMENTING, INC.



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

INVOICE # 68-06  
 LOCATION St-Francis KS  
 FOREMAN Amber R. Simpson

## TREATMENT REPORT

DATE <u>1-8-08</u>	WELL NAME <u>u2 R44B FARM # 41-15</u>	SECTION	TWP	RGE	COUNTY <u>WABEY</u>	FORMATION
CHARGE TO <u>EXCEL</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>MOIK</u>			
CITY			CONTRACTOR <u>EXCEL R. 42</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>2:10</u>			TIME LEFT LOCATION <u>3:45</u>			

WELL DATA			PRESSURE LIMITATIONS			
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
<u>9 1/4</u>						
TOTAL DEPTH <u>335</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG			
	TUBING WEIGHT	OPEN HOLE	STRING			
CASING SIZE <u>7</u>	TUBING CONDITION		TUBING			
CASING DEPTH <u>324</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>20</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION <u>good</u>	<u>SIT 330</u>		<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM	
PRESSURE SUMMARY			<input type="checkbox"/> SQUEEZE CEMENT		FINAL BPM	
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
FINAL DISPLACEMENT	psi	5 MIN SIP	psi	<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
ANNULUS	psi	15 MIN SIP	psi	<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
MAXIMUM	psi			<input type="checkbox"/> MISC PUMP		
MINIMUM	psi			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB mTRu SAFTY meeting 947-0100  
m-p 130 SAs 50/50P02 3%BBCA-1 25%BBFA-1  
Displace 12.2 BBIS +120 shut in well washup TOPIT Rigdown

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS mTRu (2:15) SAFTY (2:18)  
m-p cement (2:53) Displace (3:16)  
BBIS TOPIT (9)  
shut in well (3:20)

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 CONSERVATION DIVISION  
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED  
[Signature] TITLE  
1-8-08 DATE

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