

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

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: 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>2/26/2008</u>	<u>2/29/2008</u>	<u>3/28/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20954-0000  
County: Cheyenne  
NW SE \_\_\_\_\_ Sec. 16 Twp. 3 S. R. 42  East  West  
2490' feet from (S) N (circle one) Line of Section  
1760' 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 #: 33-16B  
Field Name: Cherry Creek  
Producing Formation: Niobrara  
Elevation: Ground: 3718' Kelly Bushing: 3727'  
Total Depth: 1773' Plug Back Total Depth: 1727'  
Amount of Surface Pipe Set and Cemented at 315', 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 n/a  
feet depth to \_\_\_\_\_ ALF 1 - 17g - 9/18/08 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: 5/20/08  
Subscribed and sworn to before me this 20 day of May  
08  
Notary Public: Erin K Lindley Joseph  
Date Commission Expires: My Commission Expires Aug. 20, 2008

**KCC Office Use ONLY**  
Lease Confidentiality Received   
If Drilling Log Received  Date: \_\_\_\_\_  
Geologist Report Received   
Public Distribution   
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**MAY 28 2008**

Operator Name: Noble Energy, Inc. Lease Name: Rueb Farm Well #: 33-16B  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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 Top Datum <b>Niobrara 1523'</b>
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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"	17 Lbs./Ft.	315'	50/50 POZ	108 sx	3% CaCl, .25% Flo-cale
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1768'	Lead, Type III	44 sx	12% gel, 2% CaCl, .25 Polyflake
					Tail, 50/50 POZ	56 sx	2% Gel, 1% CFL-80

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 1513'-1568'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(55', 3spf, 165 holes) .41" EHD, 120 degree phase.	25% CO2 foamed gel pad; 32,019 gals 25% CO2 foamed	
		gel carrying 100,140 lbs 16/30 sand. ATP: 543 psi; ATR-13.2 bpm.	

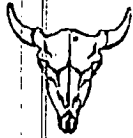
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <b>4/07/2008</b>	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. <b>0</b> Gas Mcf <b>78</b> Water Bbls. <b>0</b> Gas-Oil Ratio <b>0</b> Gravity

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Solc  Used on Lease  Open Hole  Perf.  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: bisonoil1@qwest.net

INVOICE # 60920  
 LOCATION Ryan Farm 33-14B  
 FOREMAN Jose Wiley

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
<u>2/28/08</u>	<u>RYAN FARM 33-14B</u>				<u>Cheyenne</u>	

CHARGE TO <u>Excell services</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>McPherson Drilling</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 miles</u>
TIME ARRIVED ON LOCATION <u>5:00</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 7/8</u>				
TOTAL DEPTH <u>308</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>305</u>		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT <u>17#</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION <u>Good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
			<input type="checkbox"/> SOEZE CEMENT	FINAL BPM
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input checked="" 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	15IP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB MIRU, safety meeting, Est. circ. MIP 108 SKS cement  
yield 1.13 Density 15.2 Displace 11 BBLS H<sub>2</sub>O, Shut in well  
wash to pit,

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS (5:00) MIRU, (5:10) safety, (5:17) Est. circ.,  
(5:20) MIP 108 SKS cement, (5:25) displace 11 BBLS H<sub>2</sub>O  
(5:30) shut in well wash to pit

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 KANSAS CORPORATION COMMISSION  
 MAY 28 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

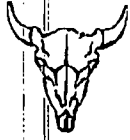
Bill McPherson  
 AUTHORIZATION TO PROCEED

TITLE

2/26/08  
 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: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwest.net

INVOICE # 6890  
 LOCATION CR 2  
 FOREMAN PAT NOYD  
TONY  
ALICE

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-29-08	RUEB FARMS 33-16B				Cheyenne	
CHARGE TO <u>EXCELLENCE</u>			OWNER <u>NOBLE</u>			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR <u>EXCEL 17</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>70 MILES</u>			
TIME ARRIVED ON LOCATION <u>7:45 REQUESTED 7:30</u>			TIME LEFT LOCATION <u>9:45</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>6 1/2</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1770</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>1759</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>1015</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>GOOD</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 HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB MTRU, SAFETY meeting, ESTOIRE with 30BIBS MUDFLUSH  
MTRU W/ 515 LEAD CEMENT 12.0 DISPL 2.64 YIELD, MTRU 565K5 T/C CEMENT  
13.8 Dens 1.83 YIELD, DRIP PLUG, DISPL 27.4 DISPL 420  
BLUR PLUG 1200 1500 PSI RELEASE PRESSURE, 1454 UP TO IT  
RIS DOWN

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MTRU 7:45 SAFETY 8:15 M/T 8:20  
CON 8:25 DIP 8:39 DISPL 8:45 10 AUG 8:48 PSI 300  
20 AUG 8:51 PSI 600 27.4 HA 8:54 PSI 1500  
BLUR PLUG

RECEIVED  
 KANSAS CORPORATION COMMISSION

MAY 28 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.