

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

**ORIGINAL**

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: \_\_\_\_\_  
Operator Contact Person: Erin Joseph  
Phone: (303) 228-4089  
Contractor: Name: Excell Services Inc., Wray, CO  
License: 8273  
Wellsite Geologist: none

**RECEIVED  
SEP 03 2009  
KCC WICHITA**

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. \_\_\_\_\_

8/12/2008    8/12/2008  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 023-20984-00-00  
County: Cheyenne  
SW    NW    SE    SW    Sec. 16 Twp. 4 S. R. 41  East  West  
800' feet from (S) N (circle one) Line of Section  
1,600' feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Douthit Well #: 24-16  
Field Name: Cherry Creek Niobrara Gas Area

Producing Formation: \_\_\_\_\_  
Elevation: Ground: 3409' Kelly Bushing: 3418'  
Total Depth: 129' Plug Back Total Depth: 115'  
Amount of Surface Pipe Set and Cemented at 129' cmt w/ 42 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.

*Alt # - Dlg - 9/8/09*

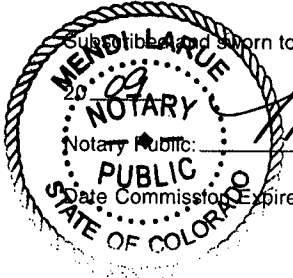
**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License 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: *Erin Joseph*  
Title: Regulatory Specialist Date: 8/27/2009

Subscribed and sworn to before me this 1<sup>st</sup> day of SEPTEMBER  
Notary Public: *Mendi J. Lane*  
Date Commission Expires: \_\_\_\_\_ My Commission Expires 09/11/2010



**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: Douthit Well #: 24-16  
 Sec. 16 Twp. 4 S. R. 41  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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
List All E. Logs Run:	

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.	129'	50/50 POZ	42 sx	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				

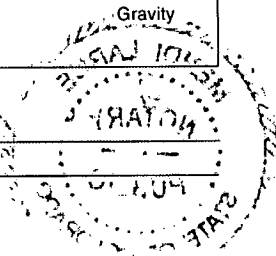
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	<input type="checkbox"/> Vented <input type="checkbox"/> Produced <input type="checkbox"/> Other (Specify)



# BISON OIL WELL CEMENTING, INC.



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

INVOICE # 7727  
 LOCATION 2 River Road #7 KS.  
 FOREMAN Eric Tony

## TREATMENT REPORT

DATE <u>8-12-08</u>	WELL NAME <u>Doubt 24-16</u>	SECTION <u>12</u>	TWP <u>12</u>	RANGE <u>12</u>	COUNTY <u>Cheyenne</u>	FORMATION
CHARGE TO <u>McPherson Drilling</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Scott</u>			
CITY			CONTRACTOR <u>McPherson</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>20 miles</u>			
TIME ARRIVED ON LOCATION <u>4:00</u>			TIME LEFT LOCATION			

WELL DATA			PRESSURE LIMITATIONS			
HOLE SIZE <u>9 3/8</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
TOTAL DEPTH <u>120</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG			
	TUBING WEIGHT	OPEN HOLE	STRING			
CASING SIZE <u>7"</u>	TUBING CONDITION	TREATMENT VIA	TUBING			
CASING DEPTH <u>115</u>			TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>10"</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM		
CASING CONDITION <u>good</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)	15IP (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 mix, safety modeling, Est. circ. map 42 sks cement yield 2.13 Density 15.2, Displace 3.9 Bbls H<sub>2</sub>O. Shut in well wash up to pit.

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS mix (4:30) safety (4:35) Est. circ. (4:51) map 42 sks cm (4:53) Displace 3.9 Bbls H<sub>2</sub>O (4:57) shut in well wash up to pit (5:59)  
Regain of circulation, pressured up to 1600 psi. Customer had to raise casing 5 to 10 ft. before circulation was established.

RECEIVED  
 SEP 03 2009  
 KCC WICHITA

[Signature] AUTHORIZATION TO PROCEED  
Dr. Ker TITLE  
8-12-08 DATE

Customers hereby acknowledge and specifically agree 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.