

*Handwritten signature/initials*

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 2200  
City/State/Zip: Denver, CO 80202  
Purchaser: \_\_\_\_\_  
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>9/16/2008</u>	<u>9/17/2008</u>	<u>11/18/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21027-00-00  
County: Cheyenne  
NE SW NW SE Sec. 7 Twp. 2 S. R. 38  East  West  
1,830' feet from (S) N (circle one) Line of Section  
2,190' feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Keller Farms Well #: 33-7  
Field Name: Cherry Creek Niobrara Gas Area

Producing Formation: Niobrara  
Elevation: Ground: 3340' Kelly Bushing: 3346'  
Total Depth: 1463' Plug Back Total Depth: 1414'  
Amount of Surface Pipe Set and Cemented at 245', cmt w/ 115 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 AH I NCR 2-27-09  
(Data must be collected from the Reserve Pit)

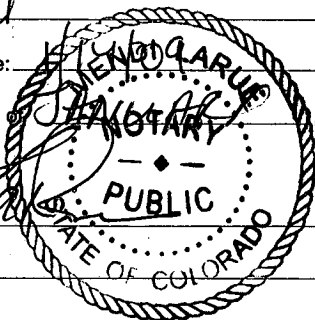
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_

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: Regulatory Analyst Date: \_\_\_\_\_  
Subscribed and sworn to before me this 14<sup>th</sup> day of \_\_\_\_\_  
20 09  
Notary Public: Mendi [Signature]  
Date Commission Expires: 9/11/10



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

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 15 2009

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Keller Farms Well #: 33-7  
 Sec. 7 Twp. 2 S. R. 38  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 (DEN/NEU/IND), CBL/CCL/GR</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name <u>Niobrara</u> Top <u>1274'</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"	17 Lbs/Ft.	245'	50/50 POZ	115 sx	3% CaCl, .25% Flo-cele
Production	6-1/4"	4-1/2"	9.5 Lbs/Ft.	1449'	Lead Type III	29 sx	12% gel, 2% CaCl, .25% Polyfeko
					Tail Type III	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				

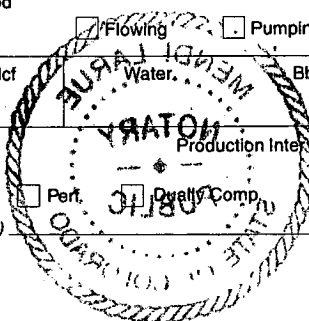
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3 SPF	Perf Niobrara interval from 1274'-1308'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(34', 3spf, 102 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,831 gals 25% CO2 foamed	
		gel carrying 100,020 lbs 16/30 sand. ATP-552 psi; ATR-12.3 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>Waiting on hookup</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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas **METHOD OF COMPLETION**

Vented  Sold  Used on Lease  Open Hole  Perf.  Quality Comp.  Commingled  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_



# 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 # 7903  
 LOCATION C.R. 224W KS  
 FOREMAN Eric, Tom, Matt

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-16-08	Keller Farms 33-7	7	25	38	Cheyenne	
CHARGE TO <u>Excel Services</u>		OWNER <u>Excel</u>				
MAILING ADDRESS		OPERATOR <u>mark</u>				
CITY		CONTRACTOR <u>Rig 2</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>602 miles</u>				
TIME ARRIVED ON LOCATION <u>2:45</u>		TIME LEFT LOCATION				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
9 3/8					
TOTAL DEPTH <u>250</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>Set @ 245</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>239</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
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	
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 IHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB mt r.p., safety meeting, Est. circ. m<sup>3</sup>P 115 slt. cont (13 bbls mix water) yield 1.13  
Density 15.2, Displace 9 bbls H<sub>2</sub>O, shut in well wash up to pit

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS mt r.p. (2:50) safety meeting (3:00) Est. circ. (3:05) m<sup>3</sup>P 115 slt. cont (3:07)  
Displace 9 bbls H<sub>2</sub>O (3:13) shut in well wash up to pit (3:49)

RECEIVED  
 KANSAS CORPORATION COMMISSION

JAN 15 2009

CONSERVATION DIVISION  
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED      [Signature] TITLE      9-16-08 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.

# 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 # 7904

LOCATION C.R. 22 + W Ks

FOREMAN Eric, Tom, Matt

## TREATMENT REPORT

DATE <u>9-17-08</u>	WELL NAME <u>Keller Farms 33-7</u>	SECTION <u>7</u>	TWP <u>25</u>	RGE <u>39</u>	COUNTY <u>Cheyenne</u>	FORMATION
CHARGE TO <u>Excel Services</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Joe</u>				
CITY		CONTRACTOR <u>R.G. 2</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>60 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>6 1/4</u>						
TOTAL DEPTH <u>1458</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG			
<u>P.B. @ 1414</u>	TUBING WEIGHT	OPEN HOLE	STRING			
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING			
CASING DEPTH <u>1442</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE		
CASING WEIGHT	PACKER DEPTH	<input type="checkbox"/> SURFACE PIPE <input checked="" type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SOREZE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input type="checkbox"/> ACID STIMULATION <input type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PUMP <input type="checkbox"/> OTHER		BREAKDOWN BPM INITIAL BPM FINAL BPM MINIMUM BPM MAXIMUM BPM AVERAGE BPM HYD HHP = RATE X PRESSURE X 40.8		
CASING CONDITION <u>good</u>		PRESSURE SUMMARY				
BREAKDOWN or CIRCULATING psi	AVERAGE psi	ISIP psi		5 MIN SIP psi		
FINAL DISPLACEMENT psi		15 MIN SIP psi				
ANNULUS psi						
MAXIMUM psi						
MINIMUM psi						

INSTRUCTIONS PRIOR TO JOB mt & P, safety meeting, 30 BBL mud flush, m = P29 sks' cement yield 2.64 Density 12, m = P56 sks' cement yield 1.83 Density 13.8. Drop Plug, Displace 22.9 BBL H<sub>2</sub>O, Set Plug @ 1400-1500 psi.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS MT & P 5:55 - safety meeting (7:03) 30 BBL mud flush (7:05) m = P29 sks' cement (7:09) m = P56 sks' cement (7:14) Drop Plug (7:23) Displace 22.9 BBL H<sub>2</sub>O (7:24) Set Plug @ 1400-1500 psi (7:36)

Time	Pressure (psi)	Rate (bbl/hr)
7:27	10	200
7:32	20	400
7:35	22.9	1500

4 bbls to pit

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JAN 15 2009  
 CONSERVATION DIVISION  
 WICHITA, KS

Joe Tillman  
 AUTHORIZATION TO PROCEED

TITLE

DATE 9-17-08

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.