

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

Form ACO-1  
September 1999  
Form Must Be Typed

\* Final ACO-1

AMENDED

Operator: License # 33190  
 Name: Noble Energy, Inc.  
 Address: 1625 Broadway, Suite 2200  
 City/State/Zip: Denver, CO 80202  
 Purchaser: Southern Star  
 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     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. \_\_\_\_\_  

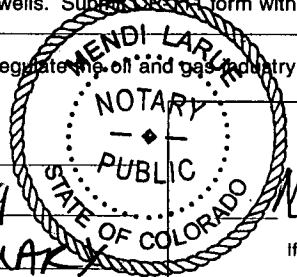
<u>9/14/2008</u>	<u>9/14/2008</u>	<u>11/12/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21067-00-00  
 County: Cheyenne  
 W2 NE NE NE Sec. 13 Twp. 2 S. R. 39  East  West  
330' feet from S N (circle one) Line of Section  
540' 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 #: 41-13  
 Field Name: Cherry Creek Niobrara Gas Area  
 Producing Formation: Niobrara  
 Elevation: Ground: 3240' Kelly Bushing: 3246'  
 Total Depth: 1370' Plug Back Total Depth: 1318'  
 Amount of Surface Pipe Set and Cemented at 119' cmt w/ 52 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** Air I nr 3-5-09  
 (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-4 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: 1/22/09  
 Subscribed and sworn to before me this 22 day of JANUARY  
20 09  
 Notary Public: Mendi Larin  
 Date Commission Expires: My Commission Expires 09/11/2010



**KCC Office Use ONLY**

Letter of Confidentiality Received \_\_\_\_\_  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**JAN 26 2009**

Operator Name: Noble Energy, Inc. Lease Name: Keller Farms Well #: 41-13  
 Sec. 13 Twp. 2 S. R. 39  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>1155'</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.	119'	50/50 POZ	52 sx	3% CaCl, .25% Flo-cele
Production	6-1/4"	4-1/2"	9.5 Lbs/Ft.	1359'	Lead Type III	25 sx	12% gel, 2% CaCl, .25% Polyflake
					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 1155'-1192'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(37', 3spf, 111 holes) .42" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,789 gals 25% CO2 foamed gel carrying 100,180 lbs 16/30 sand. ATP-531 psi; ATR-14.7 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>1/19/2009</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	
	0	60	0	0		

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented     Sold     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: 303-298-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwest.net

INVOICE # 7566  
 LOCATION NE  
 FOREMAN STANLEY R. STINEBAUGH  
ALLEN  
MOTT

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RBE	COUNTY	FORMATION
9-14-08	KELSER FARMS 41-13	13	25	39W	CLATSOP	

CHARGE TO: <u>EXCELL</u>	OWNER:
MAILING ADDRESS:	OPERATOR:
CITY:	CONTRACTOR: <u>EXCELL</u>
STATE ZIP CODE:	DISTANCE TO LOCATION:
TIME ARRIVED ON LOCATION: <u>11:00 &amp; 9:30</u>	TIME LEFT LOCATION: <u>12:00</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
<u>9 5/8</u>					
TOTAL DEPTH: <u>122</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>111</u>		TREATMENT VIA:	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT: <u>125</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"/> SOREZE 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		

PRESSURE SUMMARY			HYD LHP = RATE X PRESSURE X 40.8	
BREAKDOWN or CIRCULATING: psi	AVERAGE: psi			
FINAL DISPLACEMENT: psi	ISIP: psi			
ANNULUS: psi	6 MIN SIP: psi			
MAXIMUM: psi	15 MIN SIP: psi			
MINIMUM: psi				

INSTRUCTIONS PRIOR TO JOB: WTRU SAFETY MEETING 15:00  
W-P 5000S 50/60 PCE 3000S 7500 PCE 1 - 6000S mix 11:20  
Displace 3.5 DDIS 11:20 shut in well. Washup WSPIT  
Rig down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS: WTRU 11:00 SAFETY - 11:20  
CEMENT 11:23 Displace 11:30  
DDIS STOP IT 1.5  
shut in well 11:32

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JAN 26 2009  
 CONSERVATION DIVISION  
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED      [Signature] TITLE      9-14-08 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 # 7867  
 LOCATION NE  
 FOREMAN STANLEY R. STAMPHAN  
ALLEN  
OLEN

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RSE	COUNTY	FORMATION
9-15-08	KELLET FARMS 41-13	13	25	39W	CHRYSTAL	
CHARGE TO			OWNER			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION			TIME LEFT LOCATION			
12:50			8:30			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
6 1/4					
TOTAL DEPTH	TUBING DEPTH	SHOT/FT	SURFACE PIPE ANNULUS LONG		
1370					
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE	TUBING CONDITION	TREATMENT VIA	TUBING		
4 1/2					
CASING DEPTH			TYPE OF TREATMENT		TREATMENT RATE
1333					
CASING WEIGHT	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
95.8			<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
CASING CONDITION			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
GOOD			<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	HYD. HP = RATE X PRESSURE X 4.08	
			<input type="checkbox"/> OTHER		

PRESSURE SUMMARY		
BREAKDOWN OF CIRCULATING	psi	AVERAGE
FINAL DISPLACEMENT	psi	ISP
ANNULUS	psi	5 MIN SIP
MAXIMUM	psi	15 MIN SIP
MINIMUM	psi	

INSTRUCTIONS PRIOR TO JOB MITRU SAFETY MEETING EST. CING IN-P 20/30/15 mud flush  
M-P 50/100/50 50/100 POC 125000-1 2.2 BBLs 1.25% DFLU-1 - 9.2 BBLs mix #100  
M-P 50/100/50 50/100 POC 2.8 BBLs 1.1% DFLU-10 2.5 BBLs 1.1% DFLU-1 - 12.9 BBLs mix #100  
Drop Plug - Displace 21.3 BBLs Max - SET PLUG 1400 @ 1500 PSI  
CHECK FLOAT & LOCK WASHUP WSP IT Rig down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MITRU SAFETY 6:52 mud flush 7:00  
Lead cement 7:07 Injection 7:16  
Drop Plug 7:29 Displace 7:21 Time away psi  
7:25 10 200  
7:30 20 450  
7:31 SET PLUG 1500  
Last pipe with 2 BBLs displacement LEFT  
SET PLUG 1500 PSI - Immediate and paper released - Replaced pipe -  
Pumped 10 BBLs more cement - shut in well LEFT it with 2500 PSI  
Had pressure of 700  
NO SET PLUG

RECEIVED  
 KANSAS CORPORATION COMMISSION

JAN 26 2009

CONSERVATION DIVISION  
 WICHITA, KS

Joe Wilbert AUTHORIZATION TO PROCEED TITLE DATE 9-15-08

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