

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: 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>12/4/2008</u>	<u>12/5/2008</u>	<u>1/9/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21196-00-00  
County: Cheyenne  
SE NW SW NE Sec. 18 Twp. 2 S. R. 38  East  West  
1,800' feet from S N (circle one) Line of Section  
2,000' 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 #: 32-18  
Field Name: Cherry Creek Niobrara Gas Area

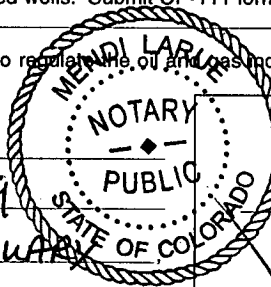
Producing Formation: Niobrara  
Elevation: Ground: 3392' Kelly Bushing: 3401'  
Total Depth: 1519' Plug Back Total Depth: 1443'  
Amount of Surface Pipe Set and Cemented at 278' cmt w/ 102 sx Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from n/a  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Air I vol 3-31-09  
(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: 2/5/09  
Subscribed and sworn to before me this 5<sup>th</sup> day of FEBRUARY  
20 09  
Notary Public: Merci Sakre  
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  
FEB 06 2009  
CONSERVATION DIVISION  
WICHITA, KS

ORIGINAL

Side Two

Operator Name: Noble Energy, Inc. Lease Name: Keller Farms Well #: 32-18  
Sec. 18 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Niobrara	Top 1284'
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Datum
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			

**Triple Combo (DEN/NEU/IND), CBL/CCL/GR**

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.	278'	50/50 POZ	102 sx	3% CaCl, .25% Flo-celc
Production	6-1/4"	4-1/2"	10.5 Lbs/Ft.	1483'	Lead Type III	30 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 <i>(Amount and Kind of Material Used)</i>	Depth
3 SPF	Perf Niobrara interval from 1284'-1324'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(40', 3spf, 120 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,818 gals 25% CO2 foamed	
		gel carrying 99,960 lbs 16/30 sand. ATP-583 psi; ATR-16.9 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. 1/19/2009	Producing Method <input checked="" 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. 0	Gas Mcf 68	Water Bbls. 0	Gas-Oil Ratio 0	Gravity
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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: bisonoil@qwestoffice.net

INVOICE # 8142

LOCATION KS

FOREMAN Alcal Bowen  
 MATT  
 BEN

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-4-08	Kellers Farms 3278	18	25	38W	Cherokee	

CHARGE TO N. S. Pherson	OWNER
MAILING ADDRESS	OPERATOR Scott
CITY	CONTRACTOR M. Pherson
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 3:30 R 3:30	TIME LEFT LOCATION 5:30

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 9 7/8	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 274	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 17 1/2	TUBING CONDITION		TUBING		
CASING DEPTH 269		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 1.7	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION Good			<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 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	ISIP psi		
ANNULUS psi	5 MIN SIP psi		
MAXIMUM psi	15 MIN SIP psi		
MINIMUM psi			

INSTRUCTIONS PRIOR TO JOB MTR 4:33 softymating EST-LIRC  
 m-p 102 SKS 50/50 Poz 3/1 BCCA - 25% BLFA 11.5 mix H2O  
 Displace 1000 BBLs H2O BBLs to pit shut in well  
 wash up to pit Rig Down

JOB SUMMARY	
DESCRIPTION OF JOB EVENTS	MTR 4:33 softymating 4:42
	Cement 4:50 Displace 4:55
	BBLs to pit 4
	shut in well 5:00

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 KANSAS CORPORATION COMMISSION

FEB 06 2009

CONSERVATION DIVISION  
 WICHITA, KS

*Scott Bowen*  
 AUTHORIZATION TO PROCEED

*Chiller*  
 TITLE

12-4-08 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

VOICE # 8176

LOCATION KS

FOREMAN STANLEY R. STIMPSON  
TOM  
DAVE

## TREATMENT REPORT

DATE <u>12-5-08</u>	WELL NAME <u>KELLER FARMS 32-15</u>	SECTION <u>15</u>	TWP <u>25</u>	RGE <u>38W</u>	COUNTY <u>CHEYENNE</u>	FORMATION
CHARGE TO <u>NOBIL ENERGY</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>GREG</u>			
CITY			CONTRACTOR <u>EXCELL R-517</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>9:45P R 10:30</u>			TIME LEFT LOCATION <u>12:20</u>			

WELL DATA			PRESSURE LIMITATIONS			
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
<u>6 1/4</u>						
TOTAL DEPTH <u>1519</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>1473</u>	<u>EST-1482</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>10.5</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION <u>good</u>	<u>PBD 1442</u>		<input checked="" type="checkbox"/> PRODUCTION CASING		INITIAL BPM	
			<input type="checkbox"/> SQUEEZE 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		HYD HP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB MTRU SAFETY meeting EST-CISC m-p 30 BDIS mud flush  
m-p 30 SKS 50/50 POZ 12% BBG-1 2% BOCA-1 2.5% BREA-1 + 11.2 BDIS mix H2O  
m-p 50 SKS 50/50 POZ 2% BBG-1 1% BCF-50 2.5% BREA-1 + 12.9 BDIS mix H2O  
Drop Plug, Displace 2.4 BDIS H2O, SET Plug @ 1400 to 1500 PSI  
CHECK FLOAT & LATCH wash up to pit Rig down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MTRU - 11:45 SAF - 12:00 mud flush - 12:09  
Lead cement - 12:19 Tail cement - 12:25  
Drop Plug - 12:36 Displace - 12:36  
 Time Away PST  
 12:40 10 200  
 12:45 20 600  
 12:49 SET Plug 1500  
 5 BDIS to pit

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 KANSAS CORPORATION COMMISSION

FEB 06 2009

CONSERVATION DIVISION  
 WICHITA, KS

*[Signature]*

12-5-08

AUTHORIZATION TO PROCEED

TITLE

DATE

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