

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 / Big Timber
 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. _____

12/15/2008	12/17/2008	1/21/2009
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

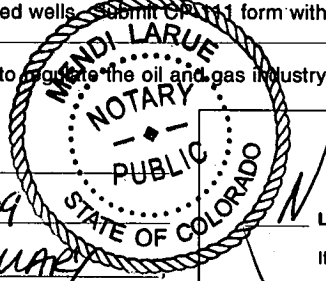
API No. 15 - 023-21205-00-00
 County: Cheyenne
 N2 NW SE SW Sec. 7 Twp. 2 S. R. 38 East West
1,250' feet from S N (circle one) Line of Section
1,650' feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Keller Farms Well #: 24-7
 Field Name: Cherry Creek Niobrara Gas Area
 Producing Formation: Niobrara
 Elevation: Ground: 3295' Kelly Bushing: 3304'
 Total Depth: 1462' Plug Back Total Depth: 1393'
 Amount of Surface Pipe Set and Cemented at 164' cmt w/ 64 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 NR 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-11 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: 2/24/09
 Subscribed and sworn to before me this 24 day of FEBRUARY
 2009
 Notary Public: Mendi Larue
 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 25 2009

Operator Name: Noble Energy, Inc. Lease Name: Keller Farms Well #: 24-7
 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: Triple Combo (DEN/NEU/IND), CBL/CCL/GR	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Niobrara Top 1232' Datum
---	---

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.	164'	50/50 POZ	64 sx	3% CaCl, .25% Flo-celc
Production	6-1/4"	4-1/2"	9.5 Lbs/Ft.	1438'	Lead Type III	28 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 1232'-1272'	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; 31,813 gals 25% CO2 foamed	
		gel carrying 100,040 lbs 16/30 sand. ATP-577 psi; ATR-15.6 bpm.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	------	--------	-----------	---

Date of First, Resumerd Production, SWD or Enhr. 2/4/2009	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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	0	15	0	0	

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwestoffice.net

INVOICE # 8137
 LOCATION Keller 24-7
 FOREMAN Jose, MAT, Ruben, Randy

TREATMENT REPORT

DATE <u>12/15/08</u>	FARMS WELL NAME <u>Keller 24-7</u>	SECTION <u>7</u>	TWP <u>2S</u>	RGE <u>38W</u>	COUNTY <u>Cheyenne</u>	FORMATION <u>12110</u>
CHARGE TO <u>Excell Services</u>			OWNER			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR <u>McPherson</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>90 miles</u>			
TIME ARRIVED ON LOCATION <u>4:00 P.M.</u>			TIME LEFT LOCATION			

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>978</u>				
TOTAL DEPTH <u>140</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>156</u>		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT <u>17 #</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM <u>140</u>
CASING CONDITION <u>Good</u>			<input 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 HHP = RATE X PRESSURE X 4028.8

PRESSURE SUMMARY		TREATMENT RATE	
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	

INSTRUCTIONS PRIOR TO JOB MIRU, safety meeting, Est. circ, H/P 104 SKS cement yield 113
Density 15.2, Displace to BB's H₂O, shut in well wash to pit

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS (11:00) MIRU (4:30) safety (4:40) Est. circ, H/P 104 SKS cement
(4:50) Displace to BB's H₂O, shut in well, wash to pit

5 BB's to pit

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 25 2009
 CONSERVATION DIVISION
 WICHITA, KS

[Signature] Driller
 AUTHORIZATION TO PROCEED TITLE DATE
12/15/08

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: 303-298-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwestoffice.net

INVOICE # 8035
 LOCATION _____
 FOREMAN Thomas Colleges

TREATMENT REPORT

12-17-08

DATE <u>12/18/08</u>	WELL NAME <u>Keller Farms 24-7</u>	SECTION <u>7</u>	TWP <u>2 S</u>	RGE <u>38 W</u>	COUNTY <u>Cherokee</u>	FORMATION
CHARGE TO <u>Noble energy</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Greg</u>				
CITY		CONTRACTOR <u>Evitt Services</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>3:30</u>		TIME LEFT LOCATION <u>6:30</u>				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 1/4</u>				
TOTAL DEPTH <u>1463</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>1429</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>9.5</u>	PACKER DEPTH	<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>Good</u>	<u>PBTD 1393</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 - est circ, 30 BBI Mud Flush, then M&P
28 SKS cmt + land, 14" BBI mix water - 50/50 pot 12% RRG 2% BCCA, 25% BLEA
Then M&P 56 SKS tail mat 12" BBI mix water 50/50 pot 2% RRG, 1% BLEA
- 80 25% BCCA, Drop plug + displace 28" BBI H₂O, Set plug @ 1400
psi, Release pressure, wash up to pit & rig down.

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MTRU 4:45 Safety 5:00 M-F 5:05
M&P land - 5:10
M&P tail - 5:20
drop Plug - 5:25
displace - 5:30
10 away - 5:35
20 away - 5:40
set plug - 5:45

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 25 2009
 CONSERVATION DIVISION
 WICHITA, KS

6 BBI Back To pit

 AUTHORIZATION TO PROCEED

 TITLE

12/18/08
 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.