

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 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>9/24/2008</u>	<u>9/25/2008</u>	<u>11/20/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21063-00-00
County: Cheyenne
NE SE SE NW Sec. 18 Twp. 2 S. R. 38 East West
2,160' feet from S (N) (circle one) Line of Section
2,440' 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 #: 22-18
Field Name: Cherry Creek Niobrara Gas Area

Producing Formation: Niobrara
Elevation: Ground: 3321' Kelly Bushing: 3327'
Total Depth: 1403' Plug Back Total Depth: 1361'
Amount of Surface Pipe Set and Cemented at 212' cmt w/ 101 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 Ait I ncr 3-25-09
(Data must be collected from the Reserve Pit)

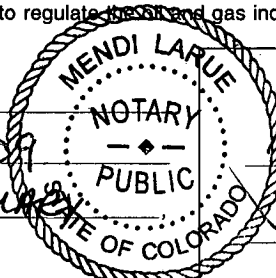
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

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: 1/22/09
Subscribed and sworn to before me this 22 day of JANUARY
20 09
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 _____
UTC Distribution _____

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KANSAS CORPORATION COMMISSION
JAN 26 2009

Operator Name: Noble Energy, Inc. Lease Name: Keller Farms Well #: 22-18
 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
Niobrara 1210'

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.	212'	50/50 POZ	101 sx	3% CaCl, .25% Flo-cel
Production	6-1/4"	4-1/2"	10.5 Lbs/Ft.	1394'	Lead Type III	27 sx	12% gel, 2% CaCl, .25% Polyflike
					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 1212'-1248'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(36', 3spf, 108 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,800 gals 25% CO2 foamed	
		gel carrying 100,060 lbs 16/30 sand. ATP-546 psi; ATR-10.9 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.	Producing Method
1/19/2009	<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	73	0	0	

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
 Production Interval Other (Specify)

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 # 7973
 LOCATION Co. 24th Rd
 FOREMAN Eric, Alan

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-24-08	Kellar Farms 20-18	18	25	38 th	Cheyenne	
CHARGE TO	Excel Services		OWNER			
MAILING ADDRESS			OPERATOR	muk		
CITY			CONTRACTOR	Rip 2		
STATE ZIP CODE			DISTANCE TO LOCATION	60 miles		
TIME ARRIVED ON LOCATION	6:00 requested 3:00		TIME OF LOCATION			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
9 7/8					
TOTAL DEPTH 217	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
18 TD @ 191			STRING		
CASING SIZE 7"	TUBING CONDITION	OPEN HOLE	TUBING		
CASING DEPTH 211		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 17	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			<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 RHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB: MFP, Safety meeting, Est. time, MFP 101 - 1st cement (Historic water)
 Displace 8 80bbls H₂O, shut in well wash up to pit
 Cement yield 1.13 Density 15.2

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS: MFP 6:10 - Safety meeting 6:45 Est. time 6:30 MFP 101 - 1st cement 6:30 - Displace 8 80bbls H₂O 6:41 shut in well wash up to pit 6:44
 9 bbls to pit

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 KANSAS CORPORATION COMMISSION
 JAN 26 2009
 CONSERVATION DIVISION
 WICHITA KS

[Signature] AUTHORIZATION TO PROCEED
[Signature] TITLE
 9-24-08 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 # 7974
 LOCATION C.R. 24 & Y Ks.
 FOREMAN Eric T. ...

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9.25.08	Keller Farms 2218	18	25	38	Cheyenne	
CHARGE TO <u>Excell Services</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Joe</u>			
CITY			CONTRACTOR <u>R. J. 2</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>60 miles</u>			
TIME ARRIVED ON LOCATION <u>1:15pm Requested 10:00 am</u>			TIME LEFT LOCATION			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
<u>6 1/4</u>					
TOTAL DEPTH <u>1404</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PPD 1361</u>	TUBING WEIGHT	OPEN HOLE	STIRING		
CASING SIZE <u>4.5"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1388</u>	TREATMENT WA		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>			<input checked="" type="checkbox"/> PRODUCTION CASING		INITIAL BPM
PRESSURE SUMMARY			<input type="checkbox"/> SOOZE 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 MLP = RATE X PRESSURE X AD.B

INSTRUCTIONS PRIOR TO JOB MTRP, safety meeting, 30 BBL mud flush, m³ P27 sks' cement yield 2.64 Density 12.07, P56 sks' cement 1.82 Density 1.82, Disp Plug, Displace 22.1 BBLs H₂O, Set Plug @ 1400-1500 psi

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MTRP-2:15 safety meeting-3:04 - 30 BBL mud flush-3:08 - m³ P27 sks' cement-3:20 P56 sks' cement-3:22 Disp Plug-3:27 Displace 22.1 BBLs H₂O-3:32 Set Plug @ 1400-1500 psi-3:43

Time	Away	Ris	
3:36	10	210	Minor set back, Pump truck blew radiator hose halfway to job site.
3:39	20	500	Had to wait for mechanic to bring it out.
3:42	22.1	1500	Location is out in middle of nowhere cell phone service very very poor.
3 bbls to pit			

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 KANSAS CORPORATION COMMISSION

JAN 26 2009

CONSERVATION DIVISION
 WICHITA, KS

Joe Wilbert
 AUTHORIZATION TO PROCEED

TITLE

DATE

9.25.08

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.