

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

* Final ACO-1
ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 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. _____

9/4/2008	9/6/2008	11/13/2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21123-00-00
County: Cheyenne
NW NE SE SW Sec. 12 Twp. 2 S. R. 39 East West
1,140' feet from S N (circle one) Line of Section
2,160' 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 #: 24-12
Field Name: Cherry Creek Niobrara Gas Area

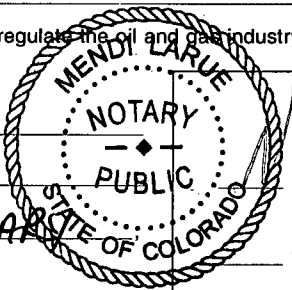
Producing Formation: Niobrara
Elevation: Ground: 3323' Kelly Bushing: 3332'
Total Depth: 1486' Plug Back Total Depth: 1426'
Amount of Surface Pipe Set and Cemented at 190', cmt w/ 65 sx Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from n/a
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Air I ncr 3-4-09
(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
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 _____

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JAN 26 2009

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Keller Farms Well #: 24-12
 Sec. 12 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: Triple Combo (DEN/NEU/IND), CBL/CCL/GR	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name <u>Niobrara</u> Top <u>1251'</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.	190'	50/50 POZ	65 sx	3% CaCl, .25% Flo-cale
Production	6-1/4"	4-1/2"	10.5 Lbs/Ft.	1462'	Lead Type III	29 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 1251'-1278'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(27', 3 spf, 81 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,881 gals 25% CO2 foamed	
		gel carrying 100,260 lbs 16/30 sand. ATP- 535 psi; ATR- 16.7 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. 1/19/2009		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 Bbls. 0	Gas Mcf 82	Water Bbls. 0	Gas-Oil Ratio 0	Gravity

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@qwest.net

INVOICE # 7919
 LOCATION CRW
 FOREMAN PAT JUSTIN TOM

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-11-08	KEIRA FARMS #24-12	12	2-5	39W	Cherokee	

CHARGE TO <u>EXCEL SERVICES</u>	OWNER <u>NOBLE</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>MCPHENSON</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>60 MILES</u>
TIME ARRIVED ON LOCATION <u>3:00</u>	TIME LEFT LOCATION <u>4:25</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>186</u>	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION			TUBING	

		TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
CASING DEPTH <u>181</u>			<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT <u>1.7</u>	PACKER DEPTH		<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
CASING CONDITION <u>GOOD</u>			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM

PRESSURE SUMMARY			
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 MIRU 54 FT M VELL EST 6 MC
MCP 65515 CWT 15.2 DENSITY 1.10Y 40D 7 BBS MIX WATER
DISPLACE 6 BBS 1170 54 FT 1/4 VELL WASH W/PT
RIG DOWN

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU 3:00 54 FT 3:20 CCM 3:33
DIS 3:36 54 FT M VELL 3:39 BBS 4

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 JAN 26 2009
 CONSERVATION DIVISION
 WICHITA KS

[Signature] driller 9-9-08
 AUTHORIZATION TO PROCEED TITLE 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: 303-298-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwest.net

INVOICE # 7925
 LOCATION CRW
 FOREMAN PCT
JUSTIN
TOBY

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-7-08	Hickman 2L17	12	25	39L	Osage	

CHARGE TO <u>EXCEL SERVICES</u>	OWNER <u>NORCE</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>EXCEL</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>100</u>
TIME ARRIVED ON LOCATION <u>1:45</u>	TIME LEFT LOCATION <u>3:45</u>

WELL DATA

PRESSURE LIMITATIONS

HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 1/2</u>				
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		
<u>1486</u>				
CASING SIZE	TUBING WEIGHT	OPEN HOLE		
<u>4 1/2</u>				
CASING DEPTH	TUBING CONDITION	TREATMENT VIA		
<u>1453</u>				
CASING WEIGHT	PACKER DEPTH	TYPE OF TREATMENT		
<u>10.5</u>				
CASING CONDITION		TREATMENT RATE		
<u>GOOD</u>				

PRESSURE SUMMARY

BREAKDOWN OF CIRCULATING	AVERAGE	TYPE OF TREATMENT	BREAKDOWN BPM
psi	psi	<input type="checkbox"/> SURFACE PIPE	INITIAL BPM
FINAL DISPLACEMENT	ISIP	<input checked="" type="checkbox"/> PRODUCTION CASING	FINAL BPM
psi	psi	<input type="checkbox"/> SOOZE CEMENT	MINIMUM BPM
ANNULUS	5 MIN SIP	<input type="checkbox"/> ACID BREAKDOWN	MAXIMUM BPM
psi	psi	<input type="checkbox"/> ACID STIMULATION	AVERAGE BPM
MAXIMUM	15 MIN SIP	<input type="checkbox"/> ACID SPOTTING	
psi	psi	<input type="checkbox"/> MISC PUMP	
MINIMUM		<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8
psi			

INSTRUCTIONS PRIOR TO JOB MIRU SAFETY EST. CRW WITH 36 BBS WITH
MFP 2955 (AD. CEMENT 13.0 DENSITY 2.60 X 1000) 11 BBS WITH CEMENT
MFP 5655 (OIL CEMENT 13.8 DENSITY 1.87 X 1000) 13 BBS WITH WATER DRIP PLUG
DISPLACE 23, 1000 H2O. BUMP PUMP 1200 TO 1500 PSI. RELEASE PRESSURE
WAS 600 PPH R'S DOWN.

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU 2:00 SAFETY 2:15 M/F 2:20
CLM 2:34 D/P 2:45 DIS 2:48
WALCO 2:52 PSI 200 20 ACOY 2:55 PSI 400
23.1 ACOY 3:00 1500

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 KANSAS CORPORATION COMMISSION

JAN 26 2009

CONSERVATION DIVISION
 WICHITA, KS

[Handwritten Signature]

AUTHORIZATION TO PROCEED

TITLE

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.