



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: _____
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 S1OW 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. _____

12/28/2008 1/6/2009
Spud Date or 12/28/2008 Date Reached TD 1/6/2009 Completion Date or
Recompletion Date 12/28/2008 Recompletion Date 1/6/2009

API No. 15 - 023-21199-00-00
County: Cheyenne
SW NW SE SE Sec. 18 Twp. 2 S. R. 38 East West
940' feet from S N (circle one) Line of Section
1,100' 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 #: 44-18
Field Name: Unnamed

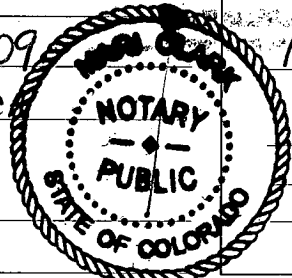
Producing Formation: _____
Elevation: Ground: 3354' Kelly Bushing: 3366'
Total Depth: 5478' Plug Back Total Depth: 5455'
Amount of Surface Pipe Set and Cemented at 242' cmt w/ 101 sx Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from n/a
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Alt I nr2 3-23-09
(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: 3/9/09
Subscribed and sworn to before me this 9th day of MARCH
2009
Notary Public: Kari Clark
Date Commission Expires: _____
My Commission Expires 12/17/2012



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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Slide Two

Operator Name: Noble Energy, Inc. Lease Name: Keller Farms Well #: 44-18
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

List All E. Logs Run:

Triple Combo (DEN/NEU/IND), Micro Log, P&S Curves

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	11"	8-5/8"	24 Lbs/Ft.	242'	50/50 POZ	101 sx	3% CaCl, .25% Flo-celc
Production	7-7/8"	5-1/2"	15.5 Lbs/Ft.	5476'	50/50 POZ	400 sx	12% gel, 2% CaCl, .25% Flo-celc
					50/50 POZ	150 sx	3% CaCl, .25% Flo-celc

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				

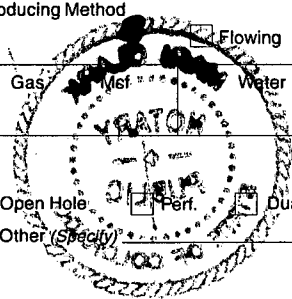
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Waiting to perforate	Waiting to frac	

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. Waiting on completion	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.	Gas Bbls.	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	Production Interval
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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# **8153**

LOCATION **KS**

FOREMAN **Allen Bowen**

**Justin
Randy**

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-28-08	Keller Farms 44-18	18	25	38W	Cheyenne	

CHARGE TO	EXCEL	OWNER	
MAILING ADDRESS		OPERATOR	Ernie
CITY		CONTRACTOR	EXCEL Rig 3
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	2:30 R 2:15	TIME LEFT LOCATION	7:30

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
11				
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
250			STRING	
	TUBING WEIGHT	OPEN HOLE	TUBING	
CASING SIZE	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT	
8 5/8			<input checked="" type="checkbox"/> SURFACE PIPE	TREATMENT RATE
CASING DEPTH			<input type="checkbox"/> PRODUCTION CASING	BREAKDOWN BPM
243			<input type="checkbox"/> SQUEEZE CEMENT	INITIAL BPM
CASING WEIGHT	PACKER DEPTH		<input type="checkbox"/> ACID BREAKDOWN	FINAL BPM
24			<input type="checkbox"/> ACID STIMULATION	MINIMUM BPM
CASING CONDITION			<input type="checkbox"/> ACID SPOTTING	MAXIMUM BPM
Good			<input type="checkbox"/> MISC PUMP	AVERAGE BPM
			<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 **MIRK** *safty meeting* **EST-CIRC**
10.5 BLS 30/50 Poz 3% BCCA .25% BLEED 11.4 mix H₂O
Displace 13.8 BLS H₂O *shut in well* *wash up to Pit*
Rig Down

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS **MIRK 5:30** *safty meeting* **5:40**
cement 6:30 *Displace* **6:30**
BLS to Pit 6
shut in well 6:40

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12-28-08

DATE

Ernie

BISON OIL WELL CEMENTING, INC.



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 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwest.net

OWT 4°

REF. INVOICE # 8190
 LOCATION K5
 FOREMAN STANLEY R STIMPSON
TOM JUSTON RANLEY

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-8-08	KELLER FARM 44-18	18	25	38W	Cheyenne	

CHARGE TO <u>NOBLE ENERGY</u>	OWNER
MAILING ADDRESS	OPERATOR <u>TOM TOMAS</u>
CITY	CONTRACTOR <u>EXCEL RIG 3</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>12:25 AM</u>	TIME LEFT LOCATION <u>8:45 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>7 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>5478</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>5 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>5476</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>15.5</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>GOOD</u>	<u>1" PLUG 5444</u>	<u>2" PLUG 1875</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 MERU SAFETY MEETING EST-CIRC
m-p 450 SLS 50/50 P02 12%BBB-1 12%BBCC-1 25%BLEA-1
m-p 250 SLS 50/50 P02 3%BBCC-1 .25%BLEA-1 DROP PLUG
DISPLACE 173 BB15 H2O SET PLUG WASHUP TO PIT RIG DOWN

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MERU - 1:30 AM SAFETY - 1:40 AM
m-p 300 SLS LEAD - 1:45 m-p 100 SLS TAIL - 2:30 AM
DROP PLUG 2:45 DISPLACE 179 BB15 - 2:50 - 3:30
DROP BOMB ~~2:57~~ 3:37 AM RIG CIRC - 3:45 - 6:30
m-p 150 SLS LEAD - 7:00 m-p 150 SLS TAIL - 7:25
DROP PLUG - 7:30 DISPLACE 44 BB15 - 7:33 - 7:55
SET PLUG 8:00 AM
@ 1000 PSI

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Tom Thomas

AUTHORIZATION TO PROCEED

TITLE

1-8-08

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.