

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

15-023-20972-00-00

Operator: License # 33190
Name: Noble Energy, Inc.
Address: 1625 Broadway, Suite 2200
City/State/Zip: Denver, CO 80202
Purchaser: Bitter Creek Pipelines
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.

2/15/2008	2/19/2008	3/10/2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15-023-20776-0000
County: Cheyenne
NE NE Sec. 11 Twp. 3 S. R. 42 East West
700' feet from S (N) (circle one) Line of Section
660' feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Raile Well #: 41-11
Field Name: Cherry Creek
Producing Formation: Niobrara
Elevation: Ground: 3691' Kelly Bushing: 3700'
Total Depth: 1782' Plug Back Total Depth: 1724'
Amount of Surface Pipe Set and Cemented at 320', cmt w/ 118 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
(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.:

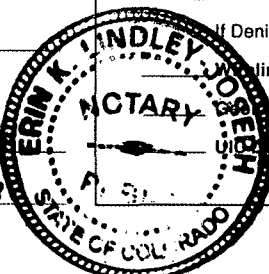
Alt 1 - Dlg - 9/16/08

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: Jennife Barnett
Title: Permit Representative Date: 4/10/08
Subscribed and sworn to before me this 10th day of April
20 08
Notary Public: Erin K. Lindley-Joseph
Date Commission Expires: My Commission Expires Aug. 20, 2008

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
APR 17 2008
CONSERVATION DIVISION
WICHITA, KS



Operator Name: Noble Energy, Inc. Lease Name: Raile Well #: 41-11
 Sec. 11 Twp. 3 S. R. 42 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 1542'

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.	320'	50/50 POZ	118 sx	3% CaCl, .25% Flo-cel
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1766'	Lead Type III	43 sx	12% Gel, 2% CaCl, .25% Polyflake
					Tail 50/50 POZ	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 1542'-1574'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(32', 3spf, 96 holes) .41" EHD, 120 degree phase.	25% CO2 foamed gel pad; 32,101 gals 25% CO2 foamed	
		gel carrying 100,420 lbs 16/30 sand. AIP-581 psi; AIR-14.6 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.	Producing Method
3/26/2008	<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	104	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) _____

BISON OIL WELL CEMENTS, INC.



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

VOICE # 6883
 LOCATION CRQ 427
 FOREMAN PAT WOOD

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
<u>2-15-08</u>	<u>RARLE 41-11</u>				<u>Cherokee</u>	

CHARGE TO <u>EXEC SERVICES</u>	OWNER <u>NOBLE</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>MC PHERSON</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 MILES</u>
TIME ARRIVED ON LOCATION <u>4:07 REQUESTED 4:00</u>	TIME LEFT LOCATION

WELL DATA

PRESSURE LIMITATIONS

HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9.8</u>				
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
<u>714</u>				
CASING SIZE	TUBING WEIGHT	OPEN HOLE	STRING	
<u>7"</u>				
CASING DEPTH	TUBING CONDITION	TREATMENT WA	TUBING	
<u>311</u>				
CASING WEIGHT	PACKER DEPTH	TREATMENT WA	TYPE OF TREATMENT	TREATMENT RATE
<u>17#</u>			<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
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 40.8

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	15P	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	16 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB MERU, SATURATED ESTER, MCPHERSON CEMENT 150000
1.13 YIELD DISPLACE 11000 1420, 5600 1420, USE WAMPIT RIG

JOB SUMMARY

DESCRIPTION OF JOB EVENTS MERU 4:07 SATUR 4:30 CEM 4:35
DISPLACE 4:40 5600 1425 DRLS 70 MIT 6

RECEIVED
 KANSAS CORPORATION COMMISSION

APR 17 2008

CONSERVATION DIVISION
 WICHITA KS

AUTHORIZATION TO PROCEED

TITLE

DATE

Customers hereby acknowledges and specifically agrees to the terms and conditions on this workorder, 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: bisonoil@gwest.net

INVOICE # 6887
 LOCATION CR2 & CR3
 FOREMAN PAT
TONY ALICE

TREATMENT REPORT

DATE <u>2-19-08</u>	WELL NAME <u>RAILE H-11</u>	SECTION	TWP	RGE	COUNTY <u>Cheyenne</u>	FORMATION
CHARGE TO <u>EXECUTIVE SERVICES</u>		OWNER <u>NOOCC</u>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>EXECUTIVE</u>				
STATE/ZIP CODE		DISTANCE TO LOCATION <u>70 MILES</u>				
TIME ARRIVED ON LOCATION <u>9:30 2-19-08</u>		TIME LEFT LOCATION <u>2:00</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>6 1/2</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>1780</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>4 1/2</u>	TUBING CONDITION	TREATMENT VIA	TUBING		
CASING DEPTH <u>1757</u>			TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>1015</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"/> SQUEEZE CEMENT	FINAL BPM	
BREAKDOWN or CIRCULATING psi	AVERAGE psi		<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
FINAL DISPLACEMENT psi	5 MIN SIP psi		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
ANNULUS psi	15 MIN SIP psi		<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
MAXIMUM psi			<input type="checkbox"/> MISC PUMP		
MINIMUM psi			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB: MIRCU, SATURATED, ESTABLISH WITH 3013 DENS W/ 13.8 DENS. 1.83 V/G, DROP PLUG, DISPLACE 24.7 BBSH₂O
W/ 13.8 DENS. 1.83 V/G, DROP PLUG, DISPLACE 24.7 BBSH₂O
BUMP PLUG 12:00 TO 15:00 PSI, RELEASE PRESSURE W/ 13.8 DENS W/ 13.8 DENS

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS: MIRCU 11:36 SATURATED 12:09 M/A 12:12
CEM 12:20 DROP PLUG 12:40 DISPLACE 12:46
10 A/C 12:50 PSI 200 20 A/C 12:55 PSI 400
27.14 A/C 1:00 PSI 1500 17:105 TOP 76

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APR 17 2008

CONSERVATION DIVISION
 WICHITA, KS

[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.