KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION

September 1999

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33190	API No. 15 - <u>023-21178-00-00</u>
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	NE -SW NE NE Sec. 31 Twp. 5 S. R. 39 East West
City/State/Zip:Denver, CO_80202	700' feet from S / (N)(circle one) Line of Section
Purchaser:	feet from E) W (circle one) Line of Section
Operator Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 228-4235	(circle one) NE SE NW SW
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Rogers Well #: 41-31
License: 8273	Field Name: Cherry Creek Niobrara Gas Area
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3562' Kelly Bushing: 3571'
New Well Re-Entry Workover	Total Depth: 1540' Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 344', cmt w/ 127 sx Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes V No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from n/a
Operator: n/a	feet depth tosx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan P+A AIT I NOL (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit) 3-25-09 Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
40/0/0000	Lease Name: License No.:
12/3/2008 12/4/2008 n/a Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec Twp S. R
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of	n the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, eer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-3 and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
nerein are complete and correct to the best of my knowledge. Signature: MONTH BUNDLE STATE OF THE STATE OF	KCC Office Use ONLY
Title: Regulatory Analyst Date: Date:	Letter of Confidentiality Received
Subscribed and sworn to before me this 28 day of JAMUSAP	ABLIC If Denied, Yes Date:
VK YX •	Wireline Log Received RECEIVED
Was and South	Geologist Report Received RECEIVED KANSAS CORPORATION COMMISS
Notary Public: My Commission Expires 09/11/20	UIC Distribution

***	MINION.		Side Two				\$. -	
	le Energy, Inc.		Lease Name:	Rogers		_ Well #: <u>41</u> -	31	
•	S. R. 39	☐ East ☑ West	County: Che	/enne				
INSTRUCTIONS: Show tested, time tool open a temperature, fluid recov Electric Wireline Logs s	and closed, flowing very, and flow rates	and shut-in pressures, if gas to surface test, a	whether shut-in pa long with final cha	essure reached	l static level, hydro	ostatic pressui	res, bottom hole	
Drill Stem Tests Taken (Attach Additional Sh	Drill Stem Tests Taken			✓ Log Formation (Top), De			Sample	
Samples Sent to Geolo	gical Survey	✓ Yes □ No	Nar N iob			Тор 1330'	Datum	
Cores Taken Electric Log Run (Submit Copy)		Yes No				.000		
List All E. Logs Run:								
Triple Combo (I	DEN/NEU/INI	D)						
- 11-11		CASING Report all strings set-c			ction, 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.	344'	50/50 POZ	127 sx	3% CaCl, .25% Flo-ce	
		· · · · · · · · · · · · · · · · · · ·						
		ADDITIONAL	CEMENTING / SQ	UEEZE RECOR	D			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Type of Cement		#Sacks Used	Type and F	Type and Percent Additives			
Flug Oil Zone								
Shots Per Foot		N RECORD - Bridge Plug otage of Each Interval Peri			acture, Shot, Cement Amount and Kind of Ma		rd Depth	
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes V No			
Date of First, Resumerd P	roduction, SWD or En	nr. Producing Meth	nod Flowir	g Pump	ing Gas Lif	t 🗌 Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil B	ols. Gas	Mcf Wat		Bbls. G	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF CO	MPLETION :	7 733	Production Inte	rval		F.*.	
Vented Sold Sold	Used on Lease	Open Hole Other (Specia	Perf /-	Dually Comp.	Commingled	1 1.5	· · · · · · · · · · · · · · · · · · ·	

RISON OIL WELL CEMENTY G. 1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 FOREMAN_AI Fax: 303-298-8143 E-mail: bisonoil1@qwestoffice.net TREATMENT REPORT BON FORMATION COUNTY SECTION RGE WELL NAME DATE heucme Rogers 41-OWNER CHARGE TO MS PLACE SON OPERATOR SCO MAILING ADDRESS CONTRACTOR MS PKERSON DISTANCE TO LOCATION STATE ZIP CODE 3:00 TIME LEFT LOCATION TIME ARRIVED ON LOCATION PRESSURE LIMITATIONS WELL DATA INSTRUCTED THEORETICAL TUBING SIZE PERFORATIONS HOLE SIZE SURFACE PIPE ANNULUS LONG 340 TOTAL DEPTH TUBING DEPTH SHOTS/FT STRING TUBING WEIGHT OPEN HOLE TUBING TUBING CONDITION CASING SIZE TREATMENT RATE TYPE OF TREATMENT TREATMENT VIA CASING DEPTH BREAKDOWN BPM SURFACE PIPE PACKER DEPTH CASING WEIGHT INITIAL BPM F I PRODUCTION CASING CASING CONDITION FINAL BPM [] SOEEZE CEMENT PRESSURE SUMMARY MINIMUM BPM [] ACID BREAKDOWN AVERAGE nei BREAKDOWN or CIRCULATING psi MAXIMINA RPM [] ACIÓ STIMULATION ISIP. psi FINAL DISPLACEMENT AVERAGE BPM **F LACID SPOTTING** 5 MIN SIP osi ANNULUS psi [] MISC PUMP 15 MIN SIP MAXIMUM psi HYD HHP = RATE X PRESSURE X 40.8 [] OTHER MINIMUM psi INSTRUCTIONS PRIOR TO JOB MIDY . . Dowr JOB SUMMARY DESCRIPTION OF JOB EVENTS MIRU RECEIVED Kansas corporation commission JAN 2 9 2009 CONSERVATION DIVISION

WICHITA, KS

ORIZATION TO PROCEED

BISON OIL WELL CEMENT G, INC.



1738 Wynkoop St., Ste. 102 Denver, Colored 80202 Phone: 303-296-3010

Fax: 303-298-8143 E-mail: bisonoli1@qwestoffice.net LOCATION /S

FOREMAN Alen L Promer

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TREATMENT REPORT

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12-4-08	Ropers 41	-31		31			سما نيا			
CHARGE TO EXCE								<u> </u>		
MARLING ADDRESS				OPERATO	Greg					
CITY				CONTRAC	TOR-FXZE	11 R'19	17			
STATE ZIP CODE				· · · · · · · · · · · · · · · · · · ·	DISTANCE	TO LOCATION	<u> </u>		· · · · · · · · · · · · · · · · · · ·	
TIME ARRIVED ON LOCA	TION	·			TIME LEF	LOCATION		HATTATIONS	:	<u></u>
	WEL	L DATA	1.		{		1	LIMITATIONS	INSTRUC	TED
HOLE SIZE 6	SIZE 614 TUBING SIZE PERFORATIONS			THEORETICAL				avornac		
TOTAL DEPTH 15	10 TUBING DEPTH SHOTS/FT		*. **************	SURFACE PIPE ANNULUS LONG						
	TUSING WEIGHT		OPEN HOLE		STRING		- · · · · · · · · · · · · · · · · · · ·			
CASING SIZE	TUBING CONDITI	NON .			TUBING	TYPE OF TREATS	IENT	Т	REATMENT RATE	
CASING DEPTH		. ,	TREATMENT VIA		r va edide d	CE PIPE	and the section of the section of the	. ·		*****
CASING WEIGHT	PACKER DEPTH	ر الانجام الانجام ال	man corp - was placed	4		ICTION CASING		INITIAL EPM		
CASING CONDITION		Married Married Married	<u> </u>	,	<u> </u>	E CEMENT	And the second s	FINAL BPM		
· .		E SUMMARY		•	· · · · · ·	REAKDOWN		MINIMUM BPM		
BREAKDOWN or CIRCUL	ating psi	AVERAGE	psl			ITIMULATION		MAXIMUM BPM	., '	
HNAL DISPLACEMENT	psi	ISIP .	psl		[]ACID S			AVERAGE BPM		
ANNULUS	psi	5 MIN SIP	psi	-1211 i., o. o.				7.		
MAXIMUM	psi	15 MIN SIP	psi		Nother Plug + Abandon			HYD HAP = RATE X PRESSURE X 40.8		
MINIMUM	osi .			·· .			- 73	<u> Li</u>		
NSTRUCTIONS PRIC	OR TO JOB MY	THUIC	1:59 5aft	ty m	at i	ng 11:10	F57-C	CEC.	· · · · · · · · · · · · · · · · · · ·	
m-p 3.	33K5 506	GPOE.	12×886 €	<u>2ン. 乃</u>	CCA	.25×.BL	TA of	<u>160 77</u>	10, 8 x (A30
35	sks sove	Paz	122.8862	1. BC	CA ,2	5%BLFA	12 1n 120	ut mix	<u>80 H30</u>	
220-010	sks saso	De 122	BBG 27.700	CA.	257.7	SLFA 60.	Fretsur	face m	1 2 1 2 H 2 C	<u>s</u>
1. Disak.	e 20BBLSH	ر د د د	Solar- 201	SRLS	120 3	Profece	1,5 1/20	wash	roto Pit	
JOB SUMMARY	Ris Dou	_		-				g i transfer og s	a Margaria kasaran 1991 - Alia	in 19 Omganisa sa
DESCRIPTION OF JO	OB EVENTS	MIR	W10159 5C	tty r	neat	ing 11.70	3			
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Customers hereby ack	nowledges and specifically a	grees to the terms	and conditions on this we	ork order, inc	mony, with	our immation, the provis	auns on the reverse	OF THE POST WINE	LINDS TIP ISLOUDE OF	na umasiniliye