ORIGINAL

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

Operator: License #	API No. 15 - 023 -20847-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: _1625 Broadway, Suite 2200	SW -NE - Sec. 31 Twp. 3 S. R. 41 ☐ East West
City/State/Zip: Denver, CO 80202	1500' feet from S (N) (circle one) Line of Section
Purchaser: Kinder Morgan	feet from E/ W (circle one) Line of Section
Operator Contact Person: Raelene Milne	Footages Calculated from Nearest Outside Section Corner:
Phone: (_303) _228-4212	(circle one) NE SE NW SW
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Zimbelman Well #: 32-31
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3665' Kelly Bushing: 3674'
New Well Re-Entry Workover	Total Depth: 1758' Plug Back Total Depth: 1694'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 311', cmt w/ 100 sx Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
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:	1/1/1-1/1/2 - 9/1/8/08
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Total Depth	Dewatering method used
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No.	Operator Name:
1/15/2008 1/18/2008 2/4/2008	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sèc. Twp. S. R. East Mest
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulate have in are complete, and correct to the boot of my knowledge.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- nd geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge. Signature:	KCC Office Use ONLY
Title: Permit Representative Pate: 3/10/2008	N Letter of Confidentiality Received
Subscribed and sworn to before me this by day of Much	If Denied, Yes Date: RECEIVED
20 08	Wireline Log Received KANSAS CORPORATION COMMISSION
(sexualar & M) (in a	Geologist Report Received MAR 1 1 2008
Notary Public: All Indiana Public Pub	UIC Distribution
Date Commission Expires: MUGNUST 6, 2011	CONSERVATION DIVISION WICHITA, KS





Operator Name:	Noble Energy, Inc.	·····	Lease	Name: Zimbelman		_ Well #: _32	:-31		
Sec. 31 Twp.	3 S. R. 41	East 🗹 West	t County:	Cheyenne					
tested, time tool op temperature, fluid r	en and closed, flowing ecovery, and flow rate	and base of formation ng and shut-in pressur es if gas to surface te final geological well s	res, whether sho st, along with fir	ut-in pressure reach	ed static level, hydro	ostatic pressi			
Drill Stem Tests Tak		☐ Yes 📝 No	0	√ Log Form	ation (Top), Depth a	and Datum	Sample		
Samples Sent to G	eological Survey	☐ Yes 🗹 No	.	Name Niobrara		Top 1506'	Datum		
		= ==	∕es ✓ No						
List All E. Logs Run	:								
•	o/ Array Induct v, CBL/GR/C0	····	utron	✓ New Used					
		· · · · · · · · · · · · · · · · · · ·		ace, intermediate, prod					
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh Lbs. / F		Type of Cement	# Sacks Used	Type and Percent Additives		
Surface	9 7/8"	7"	17 Lbs./F	it. 311'	50/50 POZ	100	3% CaCl, .25% Flo-cele		
Production	6 1/4"	4 1/2"	10.5 Lbs./F	ft. 1737'	Lead, Type III	42	12%gel, 2%CaCl, .25 Flo-cele		
					Tail, 50/50 POZ	56	3%CaCl, .25% flo-cele		
		ADDITION	IAL CEMENTING	6 / SQUEEZE RECOF	RD		- L		
Purpose: Depth Perforate Top Botton Protect Casing		Type of Cement	#Sacks U	s Used Type and Perco			S		
Plug Back TD Plug Off Zone						mentara de entre la compansión de la compa	The same of the same same same of the same same of the same same same same same of the same same same same same same same sam		
Shots Per Foot		ON RECORD - Bridge F Footage of Each Interval			acture, Shot, Cement Amount and Kind of Mat		rd Depth		
3 spf	Perf. Niobrara inter	val from 1506' to 154	4'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of					
	(36', 3spf, 114 hole	s). 0.41"EHD, 120 de	gree phase.	25% CO2 foamed gel pad; 32,041 gals 25% CO2 foamed gel carrying 100,120 lbs 16/30 Daniels sand. AIP-585psi; AIR-12.3 bpm.					
TUBING RECORD	Size	Sel At	Packer At	Liner Run	│ Yes ✓ No				
Date of First, Resumere 2/28/2008	d Production, SWD or E	nhr. Producing M		! Flowing { Pump	ing Gas Lift	Olhe	et (Explain)		
Estimated Production Per 24 Hours	ĺ	Bbls. Gas	McI		_	s-Oil Ratio	Gravily		
	0 METHOD OF C	OMBI ETION	103		0		į		
Disposition of Gas	METHOD OF C		f	Production Inte					
Vented ✓ Sold (If vented, Su	Used on Lease bmit ACO-18.)	Open Hole		Dually Comp.	Commingled				

BISON OIL WELL CEMENTP G, INC. 1738 Wynkoop St., Sie. 102 Denver, Colorado 80202 Phone: 303-296-3010



Fax: 303-298-8143 E-mail: bisonoil1@qwest.net

()INVOICE # 6760	· .
LOCATION ZIM DELHA	18-68/
FOREMAN JOSE White	y Glery

ANDLESS OPERATOR CITY CONTRACTOR MC1/16/501 DT1/1/19 STATE 219 CODE OSTANCE TO LICOTON 70 M1/63 THE ARRIVED ON LOCATION 3 CC. THE LEFT LOCATION C/CC THE LEFT LOCATION C/CCC THE LEFT LOCATION C/CCCC THE LEFT LOCATION C/CCCC T				INLA	MICIA! VE	Oni						
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BISON OIL WELL CEMENT F, INC.



1738 Wynkoop St., Ste. LL3 Denver, Colorado 80202 Phone: 303-296-3010

AUTHORIZATION TO PROCEED

CINVOICE # 6431
LOCATION KS. CR 5-6
FOREMAN FRANCIS, CICITE-CE
T.A. C(.A.

	-ax: 303-298-8143 E-mail: bisonoil2@q	west.net				FOREMAN FO	4NC 15 ,	C/c:	5 -c {	
₩	•	21mb=1m	TRE	ATMENT	REPORT	J (*	A. 2.1.W.			
DATE	CUSTOMER ACCT #	WELL NAME	OT/OTR	SECTION	TWP	RGE	COUNT	ry	FORMATION	
1-18-08							EHYEN	JE 3h		
CHARGE TO 5	cell.		····	D)	NNER		<u> </u>			
MAILING ADORESS	16611			OPERATOR CREC						
CITY					MTRACTOR Excel					
STATE ZIP CODE					STANCE TO LOCATION 7					
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8:00		LL DATA		(1/1	AL LLI I LOUNION	PRESSURE (IMITATIONS			
HOLE SIZE 6 1/4	/ TUBING SIZE		PERFORATIONS			THEOR	ETICAL	ins	TRUCTED	
TOTAL DEPTH 17 S	TUBING DEPTI	1	SHOTS/FT	SU	RFACE PIPE ANNULUS LONG					
	TURING WEIGH	(T	OPEN HOLE	STI	RING				***	
CASING SIZE 1/2	TUBING COND	ПОМ		עד	BING			· · · · · · · · · · · · · · · · · · ·		
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BREAKDOWN or CIRCULA	ATING psi	AVERAGE	psJ					ENUM BPM		
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