KANSAS CORPORATION COMMISSION RIGHTAL

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #33190	API No. 15 - 023-21167-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	NW SE NW SE Sec. 13 Twp. 2 S. R. 39 East West
City/State/Zip:Denver, CO_80202	1,660' feet from S/ N (circle one) Line of Section
Purchaser: Southern Star	1,725' feet from E/ W (circle one) Line of Section
Operator Contact Person: Jennifer Barnett	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: Zimbelman Well #: 33-13
License: 6273	Field Name: Cherry Creek Niobrara Gas Area
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3330' Kelly Bushing: 3339'
New Well Re-Entry Workover	Total Depth: 1490' Plug Back Total Depth: 1429'
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 190', cmt w/ 69 sx
Gas SIGW	Multiple Stage Cementing Collar Used?
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 tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Alt I NCR 3-24-09
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
	Dewatering method used
	Location of fluid disposal if hauled offsite:
	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
11/19/2008	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
	<i>556.07.10</i>
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 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells all requirements of the statutes, rules and regulations promulgated to precede the complete and correct to the best of my knowledge.	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer 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-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
Signature:	- ♦ - KCC Office Use ONLY PUBL\C Letter of Confidentiality Received
Subscribed and sworn to before me this 28 day of January	If Denied, Yes Date:
2009	Wireline Log Received RECEIVED
Und I Kake	Geologist Report Received KANSAS CORPORATION COMM
Date Commission Expires: My Commission Expires 09/11/2	2010 UIC Distribution JAN 2 9 2009
•	CONSERVATION DIVISION WICHITA, KS

Operator Name: N	oble Energy, Inc.		Lease Name:	Zimbelman		Well #: 33-	13		
Sec. 13 Twp. 2	S. R. 39	East West	County: Cheye	enne		= :			
tested, time tool oper temperature, fluid red	n and closed, flowing covery, and flow rate:	and base of formations pe g and shut-in pressures, v s if gas to surface test, al inal geological well site re	vhether shut-in pre ong with final char	ssure reached	I static level, hydro	static pressur	es, bottom hole		
Drill Stem Tests Take		Yes 🗹 No	[•] L		tion (Top), Depth a		Sample		
Samples Sent to Geo	ological Survey	Yes No	Nam Niobr	-		Тор 1248'	Datum		
Cores Taken Electric Log Run (Submit Copy)		Yes No							
List All E. Logs Run:									
Triple Combo	(DEN/NEU/IN	ID), CBL/CCL/GR	8						
		CASING Report all strings set-co			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.	190'	50/50 POZ	69 sx	3% CaCl, .25% Flo-cele		
Production	6 1/4"	4 1/2"	11.6 Lbs./Ft.	1474'	Lead Type III	30 sx	12% Gel, 2% CaCl, .25% Polyflake		
					Tail Type III	56 sx	2% Gel, 1% CFL-80		
		ADDITIONAL	CEMENTING / SQL	JEEZE RECOR	D	,			
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	#Sacks Used		Type and P	ercent Additive	<u></u>		
Plug Off Zone									
	DERECRATI	ON RECORD - Reideo Blue	n Cat/Tima	Acid Er	acture Shot Coment	Sauceze Beco	 rd		
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Perf		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
3 SPF	Perf Niobrara inf	terval from 1248'-128	2'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of					
(34', 3spf,102 holes) .41" EHD, 120 degree phase 25% CO2 foamed gel pad; 31,849 gals 25% CO2 foamed							2 foamed		
			. 	gel carrying 100	160 lbs 16/30 sand. AT	P- 539 psi; ATR- -	12.5 bpm.		
		· ·			,		-		
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes No		. I		
Date of First, Resumer	d Production, SWD or E	Enhr. Producing Meth	nod 🗹 Flowin	g []Pump	oing []Gas Lif	t Oth	er (Explain)		
Estimated Production Per 24 Hours	Oil		Mcf Wate	er	Bbls. G	ias-Oil Ratio	Gravity		
Disposition of Gas	METHOD OF (<u> .</u> .	Production Inte	erval	= ·			
Vented Sold	Used on Lease	Open Hole		Dually Comp.	Commingled				

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 LUCATION ZINDO LUCA, 35-13
FOREMAN JOSO, JUSTIN, RUBON

E-mail: bisonoll1@qwestoffice.net
TREATMENT REPORT

11/19/08 ZINDCHON 33-13			SEC 13	HOR	TWP RGE COUNTY 39. Cheyenn		NTY FORMATION				
											
CHARGETO EXICLI Services					OWNER OPERATOR						
MAILING ADDRESS					CONTRACTOR MCPher Sov						
CITY						TO LOCATION Q C					
STATE ZIP CODE TIME ARRIVED ON LOCATION ()',oo	····					ed .				
HAVE PERSON OF COOKINGS		L DATA					PRESSURE	LIMITATIONS	h		
HOLE SIZE 97/8	TUBING SIZE		PERFORATIONS	•	THEO			RETICAL INSTRUCTED			
TOTAL DEPTH 185	TUBING DEPTH		SHOTS/FT	•	SURFACE PIPE ANNULUS LONG						
	TUBING WEIGHT	-	OPEN HOLE		STRING	7					
CASING SIZE 7 1/	TUBING CONDITI	ION	·	j	TUBING	•					
CASING DEPTH S-)			TREATMENT VIA	·		TYPE OF TREATM	ENT	777	REATMENT RATE		
CASING WEIGHT 17#	PACKER DEPTH		•		P SURFA	CE PIPE	<u> </u>	BREAKDOWN BPM			
CASING CONDITION COC					[] PRODU	CTION CASING		INMAL BPM .			
7 1	PRESSUR	E SUMMARY			[] SOEEZ		i	FINAL BPM			
BREAKDOWN or CIRCULATING ps	il <u>;</u> ,	AVERAGE	pst .	() * * · ·	[] ACID B	reakdown .		MINIMUM-BPM			
FINAL DISPLACEMENT . ps	i	ISIP	, pst		[]ACID S	TIMULATION .		MAXIMUM BPM	•		
ANMULUS ps	i	5 MIN SIP	psi		() ACID S	POTTING	1	AVERAGE BPM			
MAXIMUM ps	ii	15 MIN SIP	psi		[] MISC P	UMP					
MINIMUM , ps	i ·	•	· : .	·	[] OTHER	·	, j	HYO HHP = RATE	X PRESSURE X 40.8		
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Fax: 303-298-8143			
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NVOICE # 8075
LOCATION KS
FOREMAN STAMILY R. STIMPSON
BEN

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DATE		WELL NAME		SEC	TION	TWP	RGE	COUNTY	FORMATION
11-20-08 2	-, mBama	n 33-1	3	1	3	25	39W	chevenne	<u> </u>
11-20-08 Z	OBIE EN	Ergy		:	OWNER		: .		
MAILING ADDRESS					OPERATOR	Greg			
CITY						TOR ÉXCE	II Rig	<u> 17</u>	
STATE ZIP CODE					DISTANCE	TO LOCATION			
TIME ARRIVED ON LOCATION	7:00		· · · · · · · · · · · · · · · · · · ·		TIME LEFT	LOCATION //	:50	MATATIONS	*****
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HOLE SIZE 6/4	TUBING SIZE	_ 	PERFORATIONS				THEORE	- IICAL	INSTRUCTED
TOTAL DEPTH /492	TUBING DEPTH		SHOTS/FT			IPE ANNULUS LONG			<u> </u>
	TUBING WEIGHT		OPEN HOLE		STRING		 		
CASING SIZE 4/2	TUBING CONDIT	TON			TUBING	TYPE OF TREATM	4ENT	TREATME	NT RATE
CASING DEPTH 1464		.	TREATMENT VIA					BREAKDOWN BPM	
CASING WEIGHT // 6	PACKER DEPTH				*[] SURFA			WMAL BPM	
CASING CONDITION						CTION CASING		FINAL BPM	
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BREAKDOWN OF CIRCULATING		AVERAGE	· psi		[] ACID BI			MAXIMUM BPM	
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m-P 56 5/15 501	BOPOZ 2	401366	T I/BDCFU	-50	1252	132 11-1-	12,9131315	nix H20	
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