KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL September 1999

Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33190	API No. 15 - 023-21100-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	NW SW SE NW Sec. 27 Twp. 5 S. R. 38 East W West
City/State/Zip: Denver, CO 80202	2,214' feet from S /(N)(circle one) Line of Section
Purchaser:	1,570' 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: Bursch Well #: 22-27
License: 8273	Field Name: Cherry Creek Niobrara Gas Area
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3443' Kelly Bushing: 3449'
New Well Re-Entry Workover	Total Depth: 1344' Plug Back Total Depth: 1311'
Oil SWD \ SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 310',cmt w/ 132 sx Feet
Gas ENHR 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 tosx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AI+ I NGC 3-4-09 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
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:
40.77/2000	Lease Name: License No.:
10/7/2008 10/8/2008 1/5/2009 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 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 regulations	The pilled passingustry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	A CONTRACTOR OF THE PARTY OF TH
Signature: James Danett &	KCC Office Use ONLY
Title: Regulatory Analyst Date: 2/3/09	PUBL C. Public Confidentiality Received
Subscribed and sworn to before me this 3 day of TESKUARY	
20 09	Wireline Log Received RECEIVED
Notary Public: Mende Hake	Geologist Report Receive SANSAS CORPORATION COMMISSIO
Mr. Commission Tuning 00/41/204	FEB 0 4 2009
Date Commission Expires: NIY COMMISSION ExpireS 09/11/2010	

Operator Name:	loble Energy, Inc.		Lease Na	ame: Bursch		Well #: 22-	27	
Sec Twp5	S. R. 38	East West		Chavanna				
ested, time tool ope emperature, fluid re	n and closed, flowing covery, and flow rates	nd base of formations pe and shut-in pressures, if gas to surface test, a nal geological well site r	whether shut- long with fina	in pressure reac	ned static level, hydro	static pressui	res, bottom hole	
Drill Stem Tests Taken Yes No (Attach Additional Sheets) Samples Sent to Geological Survey Yes No			∠ Log For	mation (Top), Depth a	nd Datum	Sample		
			Name Niobrara	-		Datum		
Cores Taken Electric Log Run (Submit Copy)	\	☐ Yes ☑ No ☑ Yes ☐ No						
ist All E. Logs Run:								
Triple Combo	(DEN/NEU/IN	D), CBL/CCL/GF	2					
		CASING Report all strings set-c		New Used				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft	Setting		# Sacks Used	Type and Percent Additives	
Surface	9 7/8"	7"	20 Lbs/	·	50/50 POZ	132 sx	3% CaCl, .25% Flo-cele	
Production	6 1/4"	4 1/2"	9.5 Lbs./Ft. 1332' Lead Type		Lead Type III	24 sx	12% Gel, 2% CaCl, .25% Polyflak	
					Tail Type III	56 sx	2% Gel, 1% CFL-80	
		ADDITIONAL	CEMENTING	/ SQUEEZE REC	ORD			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Us	ed	Type and P	ercent Additive	s	
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		erval from 1094'-111		Niobrara fr	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of			
(24', 3spf, 72 holes) .42" EHD, 120 deg			egree phas	nase 25% CO2 foamed gel pad; 31,891 gals 25% CO2 foamed gel			pamed gel	
				carrying 14,4	40 lbs 16/30 Brady sand and 8	Grady sand and 86,290 lbs 16/30 Badger sand.		
				ATP-54	1 psi; ATR-18.1 bp	om.		
			<u> </u>					
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes No			
Date of First, Resume Waiting on hoo	rd Production, SWD or E	nhr. Producing Met		Flowing P	umping 🔲 Gas Lif	t 🗌 Ott	ner (Explain)	
Estimated Production Per 24 Hours		Bbls. Gas	Mcf	Water	Bbls. G	ias-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF C	OMPLETION .		Production	Interval		3	
Vented Sold	Used on Lease	Open Hole Other (Spec	Perf.	Dually Comp.	Commingled			

BISON OIL WELL CEMENTY 5, INC.



1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143

E-mail: bisonoil1@qwest.net

NVOICE #	8011		
LOCATION KS	•		٠.
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		IREATIVE				- ANUMEN	
DATE	WELL NAME	, 1	CTION	TWP	38 W	COUNTY	FORMATION
10-7-08 But	5ch 22-27	2	7 3	5	28 W	Chetenne	<u> </u>
CHARGE TO EX	OWNER						
MAILING ADDRESS			OPERATOR /	nark			-
CITY			CONTRACTOR	EXCT	11 Kis	2	
STATE ZIP CODE			DISTANCE TO LO	CATION			
TIME ARRIVED ON LOCATION	175 R1	100	TIME LEFT LOCA	TION 6	15		
	WELL DATA		<u> </u>		PRESSURE I		
HOLE SIZE 9/5/	TUBING SIZE	PERFORATIONS			THEOR	ETICAL	INSTRUCTED
TOTAL DEPTH 3/4	TUBING DEPTH	SHOTS/FT	SURFACE PIPE AN	NULUS LONG			
	TUBING WEIGHT	OPEN HOLE	STRING				
CASING SIZE	TUBING CONDITION		TUBING	44.44.3			
CASING DEPTH 304		TREATMENT VIA	1	OF TREATM	ENT	TREATMEN	IT RATE
CASING WEIGHT #20	PACKER DEPTH		SURFACE PIPE			BREAKDOWN BPM	.1: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2:
CASING CONDITION			[] PRODUCTION	CASING		INITIAL BPM	
	PRESSURE SUMMARY		[] SOEEZE CEMI	ENT A		FINAL BPM	
BREAKDOWN or CIRCULATING - ps	average	psi	[] ACID BREAKD	OWN		MINIMUM BPM	
FINAL DISPLACEMENT PS	oi ISIP	psl	[] ACID STIMUL	ATTON		MAXIMUM BPM	
ANNULUS ps	5 MIN SIP	psl	[] ACID SPOTTIA	iG.	e de la companya de l	AVERAGE BPM	
MAXIMUM ps	i 15 MIN SIP	psi	[] MISC PUMP				
MINIMUM	Sk. plana and a later	المراجع	(LOTHER	a di Pirangangan di Sering Di Kabupatèn di Sering	للربراق والرامة موسحه أتركيه سني	.HYD.HHP = PATE X PRESSU	RE X 40.8
		م درساندس برد	- 	5.2	Tan in C		
INSTRUCTIONS PRIOR TO JO	JB My JAN L	BUCAL 2521	767	ICR	Bls mi	•	
•		DECH 1-12/66	TUMT			The control of the control of the	
Displace 11 BBI	5 H20	Shutin will	· ue	spar p	0 1: T		
Rig down							
				ng <u>(21,53</u>)			
JOB SUMMARY DESCRIPTION OF JOB EVENT	rs mit Ru-1;4	15 SAF	74-4:	50			
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		<i>y y</i> -			BB1570	1915 11	
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						CONSERV WI	ATION DIVISION CHITA. KS
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AUTHORIZATION	TO PROCEED	TI	TLE			DATE	

BISON OIL WELL CEMENT NVOICE # 140 12 1738 Wynkoop St., Ste. 102 LOCATION_ Denver, Colorado 80202 Phone: 303-296-3010 FOREMAN_ 57 Fax: 303-298-8143 E-mail: bisonoil1@qwest.net ... TREATMENT REPORT COUNTY **FORMATION** SECTION WELL NAME HEYENNE 0-08-0 OWNER CHARGE TO OPERATOR MAILING ADDRESS CONTRACTOR CITY DISTANCE TO LOCATION STATE ZIP CODE TIME LEFT LOCATION TIME APRIVED ON LOCATION PRESSURE LIMITATIONS WELL DATA INSTRUCTED THEORETICAL PERFORATIONS HOLE SIZE TUBING SIZE SURFACE PIPE ANNULUS LONG **२** ७५ TOTAL DEPTH TUBING DEPTH STRING OPEN HOLE TUBING WEIGHT TUBING TUBING CONDITION CASING SIZE TREATMENT RATE TYPE OF TREATMENT BREAKDOWN BPM [.] SURFACE PIPÈ PACKER DEPTH INITIAL BPM J PRODUCTION CASING CASING CONDITION COOL PRESSURE SUMMARY [] SOEEZE CEMENT FINAL BPM [] ACID BREAKDOWN MINIMUM BPM BREAKDOWN or CIRCULATING AVERAGE MAXIMUM BPM 891 [] ACID STIMULATION isip FINAL DISPLACEMENT AVERAGE BPM 1 J ACID SPOTTING ANNULUS psi 5 MIN SIP 05 15 MIN SIP] MISC PUMP ΩSi MAXIMUM psi HYD HHP = RATE X PRESSURE X 40 & 1.0THER MINIMUM ्रक्ष JOB SUMMARY DESCRIPTION OF JOB EVENTS KANSAS CORPORATION COMMISSION FEB 0 4 2009

ANTHORIZATION TO PROCEED TITLE DATE

CONSERVATION DIVISION WICHITA, KS