

CRIGINAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION

Form ACO-1 September 1999 Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33190	API No. 15 - 023-21064-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	NE_SE_SE_NE_Sec. 12 Twp. 2 S. R. 39 East West
City/State/Zip: Denver, CO 80202	2,000' feet from S / N (circle one) Line of Section
Purchaser:	2001
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: Keller Farms Well #: 42-12
License: 8273	
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3215' Kelly Bushing: 3221'
New Well Re-Entry Workover	Total Depth: 1340' Plug Back Total Depth: 1252'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 163', cmt w/ 79 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	
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AIT I NCQ 2-27-09
Deepening Re-perf Conv. to Enhr./SWD	(Sala mast be conceited from the rieserve rity
Plug BackPlug 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:
,	Lease Name: License No.:
9/15/2008 9/16/2008 11/14/2008 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, works Information of side two of this form will be held confidential for a period of	vith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-gs and geologist well report shall be attached with this form. ALL CEMENTING sells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ulate the oil and gas industry have been fully complied with and the statements
A - 1 77 LL	
Signature: James Bamal	KCC Office Use ONLY
Title: Regulatory Analyst Date: Thy Date:	Letter of Confidentiality Received
IME ETT	If Denied, Yes Date:
Subscribed and sworn to before me this	Wireline Log Received
20 04	N RECEIVED
Notary Public: Wolf Was PUBLIC:	Geologist Report Received RANSAS CORPORATION COMM
Date Commission Expires: 9/11/10	JAN 15 2009
Dane Commission Expires:	Triii ' V LOOJ N

Side Two

Operator Name:	loble Energy, Inc.		Lease Name:	Keller Farms		Well #: _42-1	2
Sec. 12 Twp. 2	S. R. 39	☐ East	County:Che	yenne	·		
tested, time tool ope temperature, fluid re	n and closed, flowing covery, and flow rates	nd base of formations p and shut-in pressures, if gas to surface test, a nal geological well site	whether shut-in pa along with final cha	essure reached	static level, hydro	static pressur	es, bottom hole
Drill Stem Tests Take		☐ Yes 🕑 No		Log Formati	on (Top), Depth a	nd Datum	Sample
Samples Sent to Ge	ological Survey	✓ Yes ☐ No	Nar Niot	ne orara		Top 1127'	Datum
Cores Taken Electric Log Run (Submit Copy)		Yes No Yes No					
List All E. Logs Run:							
Triple Combo	(DEN/NEU/IN	D), CBL/CCL/GI	₹				
		CASING Report all strings set-	RECORD Onductor, surface, in		tion, 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.	163'	50/50 POZ	79 sx	3% CaCl, .25% Flo-cele
Production	6-1/4"	4-1/2"	9.5 Lbs/Ft.	1291'	Lead Type III	22 sx	12% gel, 2% CaCl, .25% Polyflake
					Tail Type III	56 sx	2% gel, 1% CFL-80
L		ADDITIONAL	CEMENTING / SC	UEEZE RECORI)		
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone							
Shots Per Foot		ON RECORD - Bridge Plu			cture, Shot, Cement		
3 SPF	Specify F Perf Niobrara interven	ootage of Each Interval Pe	rforated		mount and Kind of Ma with 500 gals 7.5% h		Depth 00 gats of
3311		s) .41" EHD, 120 degre	e phase		ned gel pad; 31,737		
			gel carrying 100,040 lbs 16/30 sand. ATP-607 psi; ATR-16.3 bpm.				
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes 🗹 No		
1	rd Production, SWD or E	nhr. Producing Me	_		ina	, Dów	or (Evaluia)
Waiting on hook	·	Phla Cas		ng // Pump		as-Oil Ratio	er (Explain) Gravity
Estimated Production Per 24 Hours	Oil 6	Bbls. Gas	Mcf NV	Sh	Bols	as-Oii Hatio	Gravity
Disposition of Gas	METHOD OF C	OMPLETION	8 :	Abygneties Nutre	rval 13		
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 $\mathfrak{M}_{\mathfrak{P}}$ Commission Expires 09/11/2010

BISON OIL WELL CEMENTY



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

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	Fax: 30 E-mail:	3-298-8143 bisonoil1@	qwestmet		TREAT	MENT RE	PORT	FOREMAN STA	n/exp, stimpson
DATE	Ţ		WELL NAME			SECTION	TWP	REE	COUNTY FORMATION
9-15-08	KI	er FAI	ms 42	-/2-		12	25	394	Chitchi
CHARGE TO	CXC	411				OWNER			
MAILING ADDRESS				1 1 1		OPERAT	on seeark		
CITY					September 1	CONTRA	ACTOR EXCS	11 Rig	
STATE ZIP CODE			•			DISTAN	CE TO LOCATION		
TIME ARRIVED ON LOC	ATION	100				TIMELE	PT LOCATION	100	
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		WEL	L DATA	3				PRESSURE L	entropies and the first transfer of the firs
HOLE SIZE 98		TUBBIG SIZE		PERFORATIO	NS:			THEORE	TICAL INSTRUCTED
TOTAL DEPTH	8_	TUBING DEPTH		SHOTS/FF			PIPE ANNULUS LONG		
		TUBING WEIGH	re.	OPEN HOLE	20 20 174 175 1 1 1 1 1 1 1 1 1 1	STRING			
CASING SIZE		TUBING CONDI	DON			TUBING	mmr or YPEAT	MENT	TREATMENT RATE
CASING DEPTH 15				TREATMENT	AN.	200	TYPE OF TREAT		BREAKDOWN BPM
CASING WEIGHT		PACKER DEPTH	r i na steriji si sa Tanga seletak a		중되되었다. 3 대립기 : 취업				INITIAL BPN
CASING CONDITION	<i>691.</i> _					200	DUCTION CASING		FINAL BPM
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BREAKDOWN or CIRCU			AVERAGE		106 1		STIMULATION		MAXIMOM BPW
FINAL DISPLACEMENT			5 MIN SIP	<u> </u>	.psl	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SPOTTING		AVERAGE BPM
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OB SUMMARY DESCRIPTION OF J	OB EVEN	BMIRL	1:30			JAFE.	-2:05		
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							Maria (1902) a falida Santa (1903) a falida		CONSERVATION DIVISION
							garage and the state of the sta		WICHITA, KS
Norm	m							9-15	-08
ALIFIE	TRIZATION	VTO PROCEE	. ם			TITLE			DATE

BISON OIL WELL CEMENTY 5, INC.



1738 Wynkoop St., Ste. 102 Phone: Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoli1@qwest.net

INVOICE # 750	7.2		
LOCATION C. R. 22		KS	
FOREMAN Eric, TO		ma	#

TREATMENT REPORT

DATE WELL NAME	SECTION	TWP .	RGE	, COUN	TY FORMATION
on it sell that had not not to the first	/2	25	39 0	Cher	onne
9-16-08 Keker Farms 42-12	., .				
CHARGETO EXCENT SERVICES	OWNER				
MAILING ADDRESS		R Joe			
any		TOR Rig 2	·		
STATE ZP CODE		TO LOCATION 60	MI /PS		
TIME ARRIVED ON LOCATION 4:00	TIMELEF	T LOCATION	PRESSURE LI	MITATIONS	
WELL DATA			THEORE	· · ·	INSTRUCTED
HOLE-SIZE 6 4 TUBING SIZE PERFORATIONS		OWNE ASSESSED TO FORME	1112012		
TOTAL DEPTH 1340 TUBING DEPTH SHOTS/FT		PIPE ANNULUS LONG			
PRO 1295 TUBBNS WEIGHT OPEN HOLE.	STRING				
CASING SIZE 4 2 TUBING CONDITION	TUBING	TYPE OF TREATM	CNT	776	REATMENT RATE
CASING DEPTH 1327 TREATMENT VIA/				BREAKDOWN BP	
CASING WEIGHT PACKER DEPTH	[]SURF			INITIAL BPM	
CASING CONDITION Q 4 1 1		UCTION CASING			
PRESSURE SUMMARY		ZE CEMENT		FINAL BPM	
BREAKDOWAN OF CIRCULATING pai AVERAGE psi		BREAKDOWN		MINIMUM BPM	
FHALDISPLACEMENT pci ISIP psi		STIMULATION		MAXIMUM BPM	
ANNURUS psi 5 MIN SIP psi	[JACID	SPOTTING		AVERAGE BPM	e de mariello de la companya della companya della companya de la companya della c
MAXIMUM psi 15 MIN'SIP 98	I 1 PUSC	PUMP			
MINIMUM. pai	[]OTHE	R		HYD HHP = RAT	EXPRESSURE X 40.8
12. m 19 56 sks cont 1.83 Dens ly 13.8. 1400-1500 psi					
DESCRIPTION OF JOB EVENTS METERS 5-00 Selecting T	nerting (7	od)30-80	१८ ला पर	Flush	1 7 7 7 24 sts
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Time Away Psi					
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7:47 20 1500				******	RECEIVED
*				KANSAS CU	RPORATION COMMISSION
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