KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33190	API No. 15 - 023-20885-0000
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	NE -NE - Sec. 6 Twp. 4 S. R. 41 ☐ East 🗸 West
City/State/Zip: Denver, CO 80202	660' feet from S /(N) (circle one) Line of Section
Purchaser: Kinder Morgan	660' 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: Raile Well #: 41-6
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3590' Kelly Bushing: 3596'
New Well Re-Entry Workover	Total Depth: 1624' Plug Back Total Depth: 1558'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 237', cmt w/ 88 sx Feet
✓ 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	
Well Name:	PIT 1-DIC -918108
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 BackPlug 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	Caerator Name:
1/27/2008 1/28/2008 2/13/2008	Lease Name: License No.:
1/27/2008 1/28/2008 2/13/2008 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.;
INSTRUCTIONS: An original and two copies of this form shall be filed with 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.	or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: James Sames	KCC Office Use ONLY
Title: Permit Representative Quite: 4/3/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 310 day of	If Denied, Yes Date:
	RECEIVED Wireline Log Received ANSAS CORPORATION COMMISSION
20 - 10.	Geologist Report Received
Notary Public: 900 (1)	UIC Distribution APR 0 4 2008
Date Commission Expires: (MMS) 6 , 20//	CONSERVATION DIVISION WICHITA, KS

Operator Name:N	ator Name: Noble Energy, Inc. Lease			se Name:.	ame:Well #:				•		
Sec6Twp4	S. R. 41	Eas	t 🗹 West	Cour	nty:Che	yenne		····			
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.											
Drill Stem Tests Take		Y	es 🔽 No		٧L	og Formati	on (Top), Depth ar	nd Datum		Sample	
Samples Sent to Ge	ological Survey	□ Y	es 🗹 No		Nam Niob	-		Тор 1440'	[Datum	
Cores Taken		Y	es 🔽 No								
Electric Log Run (Submit Copy)		VY	es 🗌 No								
List All E. Logs Run:											
Triple Combo Litho Density)	(Array Inducti , CBL/GR/CC		mp. Neutr	on/							
		Repo	CASING			ew Used ermediate, product	ion etc				
Purpose of String	Size Hole Drilled	Siz	e Casing t (In O.D.)	w	eight s. / Ft,	Setting Depth	Type of Cement	# Sacks		and Percent	
Surface	9 7/8"	7"	(III O.B.)	17 Lbs		237'	50/50 POZ				
Production	6 1/4"	4 1/2"	1/2" 1		s./Ft.	1601'	Lead, Type III	36	12%gel, 2%CaCl, .25 Polyflake		
						Tail, 50/50 POZ	56	2% Gel, 1% CFL-80			
			ADDITIONAL	CEMEN	TING / SQI	JEEZE RECORD					
Purpose:	Depth Top Bottom	Туре	of Cement	#Sac	ks Used		Type and Pe	ercent Additives			
				<u> </u>							
Shots Per Foot	Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Dep								Depth		
4 spf	Perf. Niobrara inter	val from 1	448' to 1487'			Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of					
						25% CO2 foamed gel pad; 31,992 gals 25% CO2 foamed					
						gel carrying 100,200 lbs 16/30 sand. AIP-538psí; AIR-12 bpm					
		····									
TUBING RECORD Size Set At Packer At Liner Run Yes Pool											
Date of First, Resumer	d Production, SWD or E	inhr.	Producing Met	nod	Flowin	g Pumpir	ng Gas Lift	Othe	er (Explain)		
Estimated Production Per 24 Hours	Oil 0	Bbls.		Mcf 15	Wate O	er B	_	as-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF C	OMPLETIC		10	U _	Production Inter	0 val				
Vented ✓ Sold	Used on Lease		Open Hole Other (Speci	₽ Pe	erf. [Dually Comp.	Commingled				

BISON OIL WELL CEMENTUG, INC. 1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010



Fax: 303-298-8143

E-mail: bisonoil1@qwest.net

()NVOICE # 6869
LOCATION C126
FOREMAN 76.7
TOREWAN TO CORE HENDER

TREATMENT REPORT

DATE 1-27-08 RG	n: Wi	WELL NAME		SECTIO?	4	TWP	RGE	CLCY	•	FORMATION	
					WNER	0.0.0					
CHARGETO EXCEIL SULV'CCS						NOBLC					
MAILING ADDRESS					PERATOR		11 710-				
CETY					ONTRACT		11/32			* *****	
STATE ZIP COOE				0	ISTANCE	TO LOCATION	OMILE	<u> </u>			
TIME ARRIVED ON LOCATION	41:38			7	IME LEFT	LOCATION 6	, /5				
	WELI	L DATA	,				PRESSURE LIA				
HOLE SIZE 9 7	TUBING SIZE		PERFORATIONS				THEORET	RETICAL INSTRUCTED			
TOTAL DEPTH 242	TUBING DEPTH		SHOTS/FT	. 51	URFACE P	IPE ANNULUS LONG					
	TUBING WEIGHT		OPEN HOLE	S	TRING				 		
CASING SIZE 7"	TURING CONDIT	ION		n	UBING		-				
CASING DEPTH 236			TREATMENT VIA			TYPE OF TREATM	ENT	. TR	EATMENT	RATE	
CASING WEIGHT 17	PACKER DEFTH			i.	SURFA	CE PUPE		REAKDOWN BPM	1	<u> </u>	
CASING CONDITION LOCAL						CTION CASING	ı	NITIAL BPM		,	
CASING CONDITION 6 - CA		E SUMMARY	Ł	<u></u> -		CEMENT	 	INAL BPM			
POSSUPPINE - CHOCK STAIC		AVERASE	psi			REAKDOWN		UNINUM BPM			
	psi					TIMULATION		MAXIMUM BPM			
	psi	ISIP	psi					AVERAGE BPM -			
ANNULUS	psi .	5 MIN SIP	p≰i		JACED S	·····		· ·	OC DETRI		
NAXMUM	<u> </u>	15 MM SP	pel pel		[] MISC PUMP				· · · · · · · · · · · · · · · · · · ·	Y 40 0	
MINIMUM	psi		•	1) OTHER		<u>L'</u>	(YO KHP = RATE	X PRESSURE	X 4U.8	
DESCRIPTION OF JOB EVE	nts MI	ru 4	!us 50	4+14	- <u></u> -;	15 C	Con Si)-O			
proces.	70 50	.61 17 [, ~ · · · · · ·	<u> </u>		1763) " P					
	CHARLES CONTRACTOR STATES										
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		<u> </u>								ATION DIVISION	
							•	-	WIC	CHITA, KS	
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AUTHORIZATIO	NAO FROCEE)	Va <	TITLE		nd limitation. The comis	sions on the reverse si		ATE	lease and indemni	

BISON OIL WELL CEMENTY'S, INC.



1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonoil1@qwest.net

NVOICE #	6819
LOCATION ST. Frencis	Ks
FOREMAN STANISY B. 1	Timpson

TREATMENT REPORT

			TREA	AIMEN	KE	ORI							
DATE 1-28-08 RAI	DATE WELL NAME -28-08 RAILE 41-6			SEC	CTION TWP		RGE	Cheyenns	FORMATION				
CHARGE TO TYCS //						OWINER							
MAILING ADDRESS						KriL							
CITY					CONTRAC	TOA EXCEIL	1,62						
STATE ZIP CODE					DISTANCE	TO LOCATION							
TIME ARRIVED ON LOCATION	2:30	9			TIME LEFT	LOCATION	413						
	WELL	DATA					PRESSURE L	MITATIONS					
HOLE SIZE 6/4	TUBING SIZE		PERFORATIONS				THEOR	RETICAL INSTRUCTED					
TOTAL DEPTH 1624	TUBING DEPTH		SHOTS/FI		SUPFACE F	PE ANNULUS LONG							
	TUBING WEIGHT		OPEN HOLE		STRONG								
CASING SIZE 4/2	TUBINS CONDITIO	ON			TUBING	<u></u>							
CASING DEPTH /600			TREATMENT WA			TYPE OF TREATM	ENT	TREATI	AENT RATE				
CASING WEIGHT 10,5	PACKER DEPTH				[] SURFA	CE PIPE		BREAKDOWN BPM	<u>.</u>				
CASING CONDITION	PBTD 15	58			MAHODU	ICTION CASING		HISTIAL BPM					
7		SUMMARY			[] SOEEZ	E CEMENT		FINAL BPM					
BREAKDOWN or CIRCULATING pr	đ	AVENAGE	pat		[]ACID 8	REALDOWN		MININEUM BPNS					
FINAL DISPLACEMENT pr	1	1SIP	pai		() ACID STIMULATION			MAXIMUM EPM					
ANNULUS pr	ı	5 MIN SIP	pei		[]ACID SPOTTING			AVERAGE IPM					
MAXINEM pr	ú	15 MIN SIP	pei		[] MISC PUMP								
ANNIALIA PI	d .	•			()onen			HYD HIP = RATE X PRESSURE X 40.8					
nstructions prior to jo na-p37 sky ba/sa p n-p51 sky åa/sa p	08 mj ku 007. 125	6.0F 8.8G-1	TO MESTING 28 BCA-	-1 .7	57-6 5788	ire d La-1	n-P 30B	Bis mudflu	<u>84</u>				
4-PSL 54. 50/50 1	POZ 2%	386-1 1	25% BFLA-11	LRF14	Wrop	flag	Disfloce	148 BBIS H	20				
SET Pluga 1400 F	0 1500 F	3.I c	back Floor	t Late	h	nashepp	PIT R	ig down					
DESCRIPTION OF JOB EVENT	(3:48	<u> </u>	m-P Tai	6 ccm	> enr(м.рм 3,557	ndflush	(3:40)					
Dropflug (\$46	90)·	Pis	PIUCS (4:04)	<u></u>									
			Time		my.	PSZ		·					
			4:08		0	300							
			4:40	2	0	600		RECEIN	/ED				
			4:13	SITPLE	19/	1500	K	NSAS CORPORATIO)N COMMISSION				
•								APR 84	2008				
								CONSERVATIO WICHITA	N DIVISION I, KS				
I MALL	>(1	·				1-25						
AUTHORIZATION	TO PROCEED			TIT	£	_		DATE					