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 # 33190	API No. 15 - 023-21185-00-00						
Name: Noble Energy, Inc.	County: Cheyenne						
Address: 1625 Broadway, Suite 2200	NW - NW - NE - SW Sec. 9 Twp. 2 S. R. 38 ☐ East West						
City/State/Zip: Denver, CO 80202	2,450' feet from S N (circle one) Line of Section 1,550' feet from E /(W)(circle one) Line of Section						
Purchaser:							
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: Cook Farms Well #: 23-9						
License: 8273	Field Name: Cherry Creek Niobrara Gas Area						
Wellsite Geologist: none	Producing Formation: Niobrara						
Designate Type of Completion:	Elevation: Ground: 3425' Kelly Bushing: 3434'						
New Well Re-Entry Workover	Total Depth: 1608' Plug Back Total Depth:						
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 300', cmt w/ 110 sx						
Gas ENHR SIGW							
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used?						
	If Atteracts II completion compatibility III and III a						
If Workover/Re-entry: Old Well Info as follows: Operator: n/a	If Alternate II completion, cement circulated from n/a						
	Drilling Fluid Management Plan						
Well Name:	Drilling Fluid Management Plan						
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)						
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls						
Plug Back Plug Back Total Depth	Dewatering method used						
Commingled Docket No.	Location of fluid disposal if hauled offsite:						
Dual Completion Docket No	Occupies Names						
Other (SWD or Enhr.?) Docket No	Operator Name:						
11/24/2008 11/25/2008 n/a	Lease Name: License No.;						
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec. Twp. S. R. East West County: Docket No.:						
Kansas 67202, within 120 days of the spud date, recompletion, workow Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver 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 82-3-18) and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells.						
All requirements of the statutes, rules and regulations promulgated to regunerein are complete and correct to the best of my knowledge.	late the phand gas industry have been fully complied with and the statements						
Signature: Jewyle Bamott g : N	OTARY: KCC Office Use ONLY						
Regulatory Analyst Date: 1/20/09	- 						
	Letter of Confidentiality Received						
Subscribed and sworn to before me this day of	If Denied, Yes Date:						
20.00	Wireline Log Received RECEIVED						
Notary Public: Mender Catalog	Geologist Report Received KANSAS CORPORATION COMMIS						
My Commission Expires 09/11/201	0 JAN 2 9 2009						
Date Commission Expires:	2714 5 2 2003						
:	2 Attom						

Side Two

Operator Name:NOD	ne Energy, Inc.			Lease N	ا۔۔:Vame	JUUN FAITIIS		_ Well #: _23-	 	
Sec. 9 Twp. 2	S. R. <u>38</u>	East	✓ West	County:						
NSTRUCTIONS: Shown ested, time tool open a emperature, fluid recoverable togs s	and closed, flowing very, and flow rates	and shut if gas to	-in pressures, surface test, a	whether shullong with fin	ıt-in pre	ssure reache	d static level, hydro	static pressur	es, bottom ho	ole
Drill Stem Tests Taken (Attach Additional Sho	eets)	Y€	es 🔽 No		√ Lo	og Forma	tion (Top), Depth a	ind Datum	Sam	ple
Samples Sent to Geolog	gical Survey	☐ Ye	s 🗹 No		Name Niobra			Top 1362'	Datu	m
Cores Taken Electric Log Run (Submit Copy)	`	_ Y€								1
ist All E. Logs Run:										į
Triple Combo (I	DEN/NEU/IN	D)								
		Popor		RECORD	✓ Ne		notion ata			ļ
Purpose of String	Size Hole	Siz	t all strings set-o	Weigh	nt	Setting	Type of	# Sacks	Type and Percent	
Surface .	Drilled 9 7/8"		(In O.D.) 7"	17 Lbs. / F		Depth 300'	Cement 50/50 POZ	Used 110 sx	Additives 3% CaCl, .25% Flo-ce	
	3770			17 2037				110 32	0.0000, .20	
· · · · · · · · · · · · · · · · · · ·										ef .
			ADDITIONAL	OFMENTING	0 / 00 /					-
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sacks L		EEZE RECOF		Percent Additives		
Shots Per Foot	gs Set/Type rforated									
								100.000		
TUBING RECORD	Size	Set At		Packer At	154 1156 1566	Liner Run	Yes V No			
Date of First, Resumerd P	Production, SWD or Er	ıhr.	Producing Met	thod] Flowing	Pum	plng Gas Li	ft Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil E	Bbls.	Gas	Mcf	Wate	r ×	Bbls. (Gas-Oil Ratio	G	Gravity
Disposition of Gas	METHOD OF C	OMPLETIC)N	• • •		Production Int				:
Vented Sold	Used on Lease		Open Hole Other (Spec	Perf.		ually Comp.	Commingled _			. 1

BISON OIL WELL CEMENT G, INC. 1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-298-3010 Fax: 303-298-8143 Fax: 303-298-8143 Fax: 303-298-8143



OINVOICE # 8/06
LOCATION KS
FOREMAN Alex LBower
MG++

E-mail: I	oisonoil1@qwe	stoffice.net	TRE	ATMEN	IT RE	PORT		ben					
DATE		WELL NAME			TION	TWP	RGE	COUNTY	FORMATION				
	OK Fox	ns 23	9	9		25	386	Chignni					
				****	OWNER								
HARGETO ME THE CSG													
IAILING ADDRESS						CONTRACTOR ME Phy 750 h							
						E TO LOCATION	erson						
E ZIP CODE	01/	· 75 . 1 ~				~ 1	4.5	······································					
ARRIVED ON LOCATION		RIO	<u>S</u>		IIME LEF	TLOCATION S	PRESSURE	LIMITATIONS					
WELL DATA					<u> </u>			ETICAL	INSTRUCTED				
SIZE 17/8	TUBING SIZE		PERFORATIONS		SURFACE	SURFACE PIPE ANNULUS LONG							
L DEPTH 275	TUBING DEPTH		SH0TS/FT		STRING								
	TUBING WEIGHT		OPEN HOLE		TUBING								
NG SIZE	TUBING CONDITI	ON			TOPING	TYPE OF TREATM	ENT .	TREAT	MENT RATE				
NG DEPTH 29/	 		TREATMENT VIA		SURFACE PIPE		,	BREAKDOWN BPM					
NG WEIGHT / (PACKER DEPTH		}.	_ 	<u> </u>	LUCTION CASING		INITIAL EPM					
NG CONDITION Good						ZE CEMENT		FINAL BPM					
		SUMMARY			 			TANKANANA DOMA					
	ost ,	AVERAGE	psi			BREAKDOWN		MAXIMUM BPM					
L DISPLACEMENT I	ısi ·	ISIP .	· psi		 	STIMULATION		AVERAGE 8PM					
ULUS	osi	5 MIN SIP	psi			SPOTTING		AVENAUE OF III					
MUM	osi	15 MIN SIP	psi	<u> </u>	[]MISC			HYO HHP = RATE X P	DECCIPE Y AN R				
-pliosks isplace 11.			BCCA .2	5%. 7 6+10	J. FA	12,5 m	hapto	P;+					
	 	• ':											
SUMMARY, SCRIPTION OF JOB EVEI	us 100	TRU T	Displ Bals Shut	affi cet con	1/t 1/t	stips 2: 3:06 5 3:14	3.5						
	•								RECEIVED				
									AN 2 9 2009				
								C0	NSERVATION DIVISION WICHITA, KS				
Supplementation of the	ON TO PROCEE	· · · · · ·	drille		TLE	·	11-2	4-08 DATE					

BISON CIL	WELL CE	MENT	~G, INC.				NVOICE #	80	280		
Λ • 17:	38 Wynkoop St., St	e. 102 🔪	16			<i>\</i>	DCATION	45			
De Children	nver, Colorado 802 one: 303-298-3010	02	2/2				OREMAN <u>5</u> 22	a 11 L	115	ren Dr. w	
NM Fax	x: 303-298-8143		102/09			F	OREMAN_\$ZZ	TON	1/2/1	mpsore	
6 E-ı	mail: bisonoil1@qwe	estottice.net	TREA	ATMEN	IT REF	PORT	DAL				
DATE		WELL NAME		SEC		TWP	RGE	COU	my	FORMATION	
11-25-05	and Lora	5 27-	.4	9		25	38w	ChEYE	145		
11 77 67 1	DOIC FAIR	1	1.								
CHARGE TO	NOPIE E	nEry,	<i>¥</i> ′		OWNER				······		
MAILING ADDRESS					OPERATOR			وسا و ۱			
ату					CONTRAC		ECII B	1911			
STATE ZIP CODE						TO LOCATION	100				
TIME ARRIVED ON LOCATIO					TIME LEFT	LOCATION	PRESSURE L	MITATIONS	• .		
16.		DATA	\				THEORE		ĮN	ISTRUCTED	
HOLE SIZE 6/4	TUBING SIZE		PERFORATIONS		CHOCAPE I	PIPE ANNULUS LONG	:		Merrocres		
TOTAL DEPTH 6 05	TUBING DEPTH		SHOTS/FT			ILC WANGETO FOUR				****	
Drillips	TUBING WEIGHT		OPEN HOLE		STRING					* 35;	
CASING SIZE \$27					TUBING	TYPE OF TREATM	IENT	TR	REATMENT	T RATE	
-CASING DEPTH / 700	/ Son /sout sul	MELLOC	TREATMENT VIA		[] SURFA		•	BREAKDOWN BPM			
CASHE WEIGHT 10.	- /3	······· · · · · · · · · · · · · · · ·				ICTION CASING		INITIAL BPM			
CASING CONDITION		E SUMMARY			[] SQEEZ			FINAL BPM			
Supplier av				· .		REAKDOWN		SUMMUM BPM			
BREAKDOWN or CIRCULAT		AVERAGE	psi -			TIMULATION		MAXIMUM BPM			
FINAL DISPLACEMENT		ISIP	psi				•	AVERAGE BPM	·		
ANNULUS	psi	5 MIN SIP	psi .		[] ACID SPOTTING			Marrane or in			
MUMIXAM	psi v	15 MIN SIP	psi		MISCHER	40	1(0.	HYD HHP = RATE X PHESSURE X 40.8			
MINIMUM	psi 	<u></u> _			Author	TOUSA MICH	naur				
NSTRUCTIONS PRIOF	TO JOB MTRU	•,	SAFTY ME	ETIMS	L	557-01	~_	· · · · · · · · · · · · · · · · · · ·	· · ·	· · · · · · · · · · · · · · · · · · ·	
m-P 50 5/25	50/50Poc	2%BB	-1 196BEF	1-80	,25	ZBLFA-	1-181	313/5 m	XH	20	
DISPLACE 41.	5 BB15 Hz	9-	washire	18 P.	7	Rig do	uc				
^				· · · · ·							
							1				
JOB SUMMARY				, , , , , , ,			en and the grade of			·• =.	
DESCRIPTION OF JOE	EVENTS MIRU	5:15		AFTY		Tity 6					
1) M-P3551	ILS CLMINT-	-6:15				201815-) 			
2)m-8355k	SEEMENTA	6:45		Displ	ace	201315-	7:00	.,			
3)m-P 10 5kg	sceniar-	7/3/)	DisPl.	act	1.5 BB15-	7/45	<u> </u>			
								REC	EIVED		
	1.1	·		·			- KAN	ASCURPOR	TIONCO	MMISSION	
-	,										
		······································						JAN Z	9 2009		
	•	······································						COMSERVATION	DNDIVICA	DN .	
								WICHIT	A,KS	VIT	
						h.,					
							·	<u> </u>			
()		1		•							
M		\mathcal{N}		: [11-2	5-18			
AUTHORI	ZATION TO PROCEED	\sim	· · · · · · · · · · · · · · · · · · ·	π	LE				ATE		

AUTHORIZATION TO PROCEED