# 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 - 20796 ~0()~0 ()
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2000	NW _SE Sec. 31 Twp. 3 S. R. 41 ☐ East  West
City/State/Zip: Denver, CO 80202	2500 feet from § / N (circle one) Line of Section
Purchaser: Bittercreek Pipeline	feet from (E) / W (circle one) Line of Section
Operator Contact Person: Joe Mazotti	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 228-4223	(circle one) NE SE NW SW
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Zimbleman Well #: 33-31
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3659' Kelly Bushing: 3665'
New Well Re-Entry Workover	Total Depth: 1654' Plug Back Total Depth: 1595'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 317', cmt w/ 115 sx Feet
Gas SIGW 1811lp. Abd.	Multiple Stage Cementing Collar Used?
<b>,</b>	If yes, show depth setFeet
Dry Other (Core, WSW, Expl., Cathodic, etc)	If Alternate II completion, cement circulated from n/a
If Workover/Re-entry: Old Well Info as follows:  Operator: n/a	feet depth to
	leet depth tosx cmt.
Well Name:	Drilling Fluid Management Plan
Original Comp. Date:Original Total Depth:	(Data must be collected from the Reserve Pit) ALT I WHAT
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
9/21/2007 9/22/2007 10/09/2007	Quarter Sec Twp S. R East West
Spud Date or Date Reached TD Completion Date or 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	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3-104 and geologist well report shall be attached with this form. ALL CEMENTING 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.	ate the oil and gas industry have been fully complied with and the statements
Signature	KCC Office Use ONLY
Regulatory Analyst 11/12/2007	Letter of Confidentiality Received
Title: Negulatory Arranyst Date: 17/2/2007	NOTAR Denied. Yes Date RECEIVED
	NOTAR Denied. Yes Date RECEIVED WITH DENIED DATE RECEIVED WITH DENIED DATE RECEIVED
20 84.	
Notary Public: Landley- Seph	UIC Distribution
	CONSERVATION DIVISION
Date Commission Expires: My Commission Expires Aug. 20, 2008	WICHITA, KS

JAMAIAIAO

Operator Name:	Noble Energy, Inc.			Lea	ase Name:	Zimbleman	l	_ Well #: _33-	31
· .	S. R. 41	. East	✓ West	Cou	unty: Che	eyenne			
INSTRUCTIONS: S tested, time tool ope temperature, fluid re Electric Wireline Log	n and closed, flowin covery, and flow rate	g and shut es if gas to	-in pressures, surface test, a	whether along wit	r shut-in pr	essure reache	d static level, hydro	static pressu	
Drill Stem Tests Take	• • •	Ye	es 🔽 No		V	_og Forma	ation (Top), Depth a	nd Datum	Sample
Samples Sent to Ge	ological Survey	Ye	s 🗌 No		Nan Niol	ne Orara		Top 1490'	Datum
Cores Taken		☐ Y€	s 🗾 No						
Electric Log Run (Submit Copy)		V Ye	s No						
List All E. Logs Run:									
			CASING	RECORI	D V N	ew Used			
	Sine Hale	T				ermediate, produ		# 01	T
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		Veight os. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9 7/8"	7"		17 Lb	s./Ft.	317'	50/50 POZ	115	2% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"		9.5 Lt	os./Ft.	1639'	Lead, Type III	55	12% gel, 2%CaCl, .25%flo-cele
							Tail, 50/50 POZ	75	2%CaCl, .25 flo-cele
			ADDITIONAL	CEMEN	ITING / SQ	JEEZE RECOP	RD		
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	#Sac	cks Used		Type and Pe	ercent Additives	;
Periorate Protect Casing Plug Back TD			, , , , , , , , , , , , , , , , , , , ,		****				
Plug Off Zone									
Shots Per Foot			D - Bridge Plug ach Interval Per		pe		acture, Shot, Cement S Amount and Kind of Mat		rd Depth
3 spf	Perf. Niobrara interval f	rom 1490' to	1530' (40', 3spf,	120 holes	)41"EHD.	Niobrara frac'o	l with 500 gals 7.5% H	CL acid, 12,00	0 gals of
						25% CO2 foai	med gel pad; 30,986 g	pals 25% CO2	foamed
						gel carrying 10	0,140 lbs 16/30 sand. A	NP-670psi; AIR	-22 bpm.
				···· <u>-</u>					
TUBING RECORD	Size	Set At		Packe	r At	Liner Run	Yes No		
Date of First, Resumers 11/3/2007	d Production, SWD or E	nhr.	Producing Meth	nod	. [] Flowin	g Pump	oing Gas Lift	[] Othe	er (Explain)
Estimated Production Per 24 Hours	0	Bbls.	Gas 105	Mcf	Wate	er	Bbls. Ga	s-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	OMPLETIO	<del></del>	;;;t•	I	Production Inte	erval		
Vented Sold (If vented, Su	Used on Lease		Open Hole Other (Specif	<b>₽</b> Pe	art. [] [	Dually Comp.	Commingled		

### BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. LL3 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonoil2@gwest.net REF. INVOICE # 6468 LOCATION ST. Francis KS

FOREMAN STUNIEY RUST, Improve

W	7	imBlemay	TRE	ATMENT R	EPORT	Lor	nniE		
DATE 9-21-07	CUSTOMER ACCT #	WELL NAME	OT/OTR	SECTION	TWP	RGE	COUNTY ChEYEASE	FORMATION	
CHARGE TO	EXCEU	<del></del>		OWNE	R				
MAILING ADDRESS				OPERA	ATOR		· · · · · · · · · · · · · · · · · · ·	<del> </del>	
CITY		<del></del>				EU R	- 2		
STATE ZIP CODE					NCE TO LOCATION	CD1 1/1	~		
TIME ARRIVED ON LOC	CATION 12:35					40			
	y W	ELL DATA			1.7		LIMITATIONS		
HOLE SIZE V8	TUBING SIZE		PERFORATIONS				ORETICAL INSTRU		
TOTAL DEPTH 32	2 TUBING DEPT	н	SHOTS/FT	SURFAC	CE PIPE ANNULUS LONG				
	TUBING WEIG	нт	OPEN HOLE	STRING	i				
CASING SIZE Z	TUBING CONI	DITION		TUBING					
CASING DEPTH317			TREATMENT VIA		TYPE OF TREATM	ENT	TREATME	ENT RATE	
CASING WEIGHT 17	PACKER DEP	TH .		#1SUF	SURFACE PIPE		BREAKDOWN BPM		
CASIFIG CONDITION	not !			[ ] PR(	DUCTION CASING		INITIAL BPM		
	PRESSL	RE SUMMARY		[ ] SQE	EZE CEMENT		FINAL BPM		
REAKDOWN or CIRCULATING psi AVERAGE psi			( ) ACII	D BREAKOOWN		MINIMUM BPM			
INAL DISPLACEMENT	psi	ISIP	psi	[ ] ACI	D STIMULATION		MAXIMUM BPM		
WNLLUS	psi	5 MIN SIP	psi	[ ] ACII	D SPOTTING		AVERAGE BPM		
MUNIXAN	psi	15 MIN SIP	psi	[ ] MIS	C PUMP				
MUMINIM	psi			1 101	ER .		HYD HHP = RATE X PRESS	SURE X 40.8	
STFUCTIONS PRI	OR TO JOB MIR	<u> </u>	AFTY MEET	me.	SSTRIFE	······································	<u> </u>		
-P1155Ks	30/50 POZ	3% Bac	9-1 -25%	PLA-1					
Flace 1	2 BBISHIN	5,	wet in wil	( WAS	esticite	Rika	lows -	<del></del>	
			_						
DB SUMMARY									
SCRIPTION OF JO	DB EVENTS ATAL	V (IX.SG	₹	SA	FC(1'.00)	·			
-p 115 CCA	DB EVENTS ANTRU MENT ( 128015 H22	1:05	<u> </u>	,	·			···	
BPLUCCI	2 BDIs H22	(1:03 /	<u> </u>						
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			******		DO13 101				
<del></del>				5,	hutte xu	([:18			

KANSAS CORPORATION COMMISSION

RECEIVED

CONSERVATION DIVISION WICHITA, KS

AUTHORIZATION TO PROCEED

Pagh

9/21/07

## BISON OIL WELL CEMENTING, INC.



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

E-mail: bisonoll1@qwest.net

REF. INVOICE #\_ 4552

LOCATION ZIM bleman 33-31

FOREMAN Pose Shown Clarence

### TREATMENT REPORT

9/22/07 Z.									
	mble Ha	WELL NAME 	31	SECTION	TWP	RGE	Cheye	- 1	FORMATION
					-	<del></del>	13.37	****	
CHARGE TO EXCENT	SKINIC	es		<del></del>	/NER	<del>,</del>			
ату					ERATOR		To the William		· · · · · · · · · · · · · · · · · · ·
TATE ZIP CODE				CON	NTRACTOR EXCEL	Rig # 7			
· · · · · · · · · · · · · · · · · · ·	4:30			Dis.	TANCE TO LOCATION	<del></del>			
ME FARIVED ON LOCATION		L DATA	- 1	MIT	E LEFT LOCATION		·		
OLE SIZE LO YA		L DAIA				PRESSURE	LIMITATIONS	<del> </del>	
TAL DEPTH 1654	TUBING SIZE		PERFORATIONS			THEOF	ETICAL	IN:	STRUCTED
P1B 1598	TUBING DEPTH		SH0TS/FT		FACE PIPE ANNULUS LONG				
SING SIZE 41/2	TUBING WEIGHT		OPEN HOLE	STRII				<del></del>	
SING DEPTH 1639	TUBING CONDIT	ION	-	TUBII					
			TREATMENT VIA		TYPE OF TREAT	MENT	TRE	ATMENT	RATE
SING WEIGHT 11-16	PACKER DEPTH				SURFACE PIPE		BREAKDOWN BPM		
SING CONDITION Good	I BDESS:	F 01111111111		LX P	PRODUCTION CASING		INITIAL BPM		
EAVDOWN CIDOU ARMS		E SUMMARY		[]\$	SOEEZE CEMENT		FINAL BPM		
EAKDOWN OF CIRCULATING P		AVERAGE	psi	[ ]A	CID BREAKDOWN		MINIMUM BPM		
AL DISPLACEMENT ps		ISIP	psi	[ ]A	CID STIMULATION		MAXIMUM BPM	···	
NULUS p:	\$	5 MIN SIP	psi	[ ] A	CID SPOTTING		AVERAGE BPM		
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IMUM ps	ii			[ ]0	THER		HYD HHP = RATE X F	PRESSURE .	X 40.8
)ensily 12:5 >15Place347	BBIS	<u>75 sks</u> H20	Tail Cener	19 416)	55 SKS 60	gel Cerce	nt yield	2.3 P P	s lug
Densily 13:5 SISPIACE 347	BBIS	75 sks H20	Tail Cemer	4 416)	8 1113 O	gel Cente	nt yield	) 2.3 ) P P	S Nug
SUMMARY CRIPTION OF JOB EVENT	s 10:3	5 His	(ن, ( ۱ <i>۷;۰۰</i> ۰)	Sale Jail	Lr. dails	5) Est. (			S Nog
SUMMARY CRIPTION OF JOB EVENT 12:17) H/P 12:34) Dis	s 10:3 55 sh	5 Hills Lea	lu, (12:00) d 755K5 BBIS H.	Sale Jail	٢٠, ١٥:١١٤	5) Est. (	ircu,		lug
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SUMMARY CRIPTION OF JOB EVENT (12:17) HIP (12:34) D:< (12:34) D:< (12:37) 11 (12:39) 2	s 10:3 55 st place 2 aw 2+ plu	S Hills Lea	10, (12:00) d 755K5 BBIS H DO PSI 100 PSI 1500 PSI	Sale Zo Zo	Ly, (12:32)	5) Est. 6 Drop	KANSAS CO	REC CORPOR NOV	EIVED ATION COMMISS 6 2007 TION DIVISION HITA, KS