

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33190	API No. 15 - 023 - 20855-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	SE _NE Sec. 33 Twp. 3 S. R. 41 ☐ East West
City/State/Zip: Denver, CO 80202	feet from S /(N)(circle one) Line of Section
Purchaser: Kinder Morgan	feet from E)/ W (circle one) Line of Section
Operator Contact Person: Raelene Milne	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 228-4212	(circle one) NE SE NW SW
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Zweygardt Well #: 42-33
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3575' Kelly Bushing: 3584'
New Well Re-Entry Workover	Total Depth: 1618' Plug Back Total Depth: 1564'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 240', cmt w/ 72 sx Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
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:	feet depth tosx cmt.
Well Name:	K/x1-12g-6/10/08
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 Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	•
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	. Operator Name:
1/6/2008 1/8/2008 1/25/2008	Lease Name: License No.:
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 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r 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 regulat herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: January But	KCC Office Use ONLY
Title: Permit Representative Date: 3/10/2008	Letter of Confidentiality Received
Subscribed and sworn to before me this /O day of /// day of	RECEIVED If Denied, Yes Date: KANSAS CORPORATION COMMISSION
20 08	Wireline Log Received
Sola VM To	Geologist Report Received MAR 1 1 2008
Notary Public:	UIC Distribution CONSERVATION DIVISION
Date Commission Expires: Wywst 6, Johnson	WICHITA, KS



Side Two

Operator Name:	Noble Energy, Inc.		Lease Name: Zweygardt				42-33	
Sec. 33 Twp.	3S. R. 41	East 🗸 West	County: Ch	neyenne				
tested, time tool op temperature, fluid r	en and closed, flowing ecovery, and flow rat	and base of formations ng and shut-in pressures tes if gas to surface test, ifinal geological well site	s, whether shut-in p along with final ch	ressure reache	ed static level, hydro	static pressi	res, bottom hole	
Drill Stem Tests Tal		☐ Yes 📝 No	Z	Log Forma	ation (Top), Depth a	nd Datum	Sample	
Samples Sent to G	eological Survey	☐ Yes 🗹 No	Name Niobrara			Top Datum 1377'		
Cores Taken		Yes 🗸 No		Julia				
Electric Log Run (Submit Copy)		✓ Yes No						
List All E. Logs Run	:							
	o/ Array Induct , CBL/GR/C0		RECORD V		artion oto			
Purpose of String	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent	
Surface	9 7/8*	Set (In O.D.)	Lbs./Ft.	Depth 240'	50/50 POZ	Used 72	Additives 2% CaCl, .25% Flo-cele	
Production			10.5 Lbs./Ft.	1607'	Lead, Type III	33	12% gel, 2%CeCl, .25%flo-cele	
			Tail, 5		Tail, 50/50 POZ	OZ 56 3%CaCl, .25 flo		
		ADDITIONAL	CEMENTING / SQ	UEEZE RECOR	D	l	.l	
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Pe	d Percent Additives		
Protect Casing Plug Back TD								
Plug Off Zone					e e e e e e e e e e e e e e e e e e e		***************************************	
				L				
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			acture, Shot, Cement S mount and Kind of Mate		d Depth	
3 spf	Perf. Niobrara from 1	376' to 1416',(40', 3spf, 12	0 holes) 0.41"EHD	Niobrara frac'd	with 500 gals 7.5% H	CL acid, 12,00	0 gals of	
t semana e t e				25% CO2 foan	ned gel pad; 31,760 g	als 25% CO2	foamed	
				gel carrying 99,72	0 lbs 16/30 Badger sand.	AIP-602psi; AIF	R-12 bpm.	
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TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes ✓ No			
Date of First, Resumer 3/6/2008	d Production, SWD or E	nhr. Producing Meth	nod] Pumpi		Othe	r (Explain)	
Estimated Production Per 24 Hours	Oil I	Bbis. Gas	Mcf . Wate B . O			s-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF C	. 1		Production Inter	•			
Vented ✓ Sold (If vented, Su	Used on Lease	Open Hote	Perf. D	ually Comp.	Commingled			

BISON OIL WELL CEMENTY



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

E-mall: bisonoli1@qwest.net

LOCATION ST. Frances KS

			TREA	TMEN	IT KEP	OKI	770		<u> </u>		
DATE	SYFATI	WELL NAME)7 4/2 -	33.	SEC	TION	TWP	RGE	CHEYER		FORMATION	
					OWNER						
CHARGE TO EXCE!											
MAILING ADDRESS					OPERATOR G- TEGY CONTRACTOR EXCE / 1 / 19 17						
אוו					DISTANCE TO LOCATION						
TATE ZIP CODE	1-0-1	_				LOCATION	2:30	_,			
TIME ARRIVED ON LOCATION	0:35		 _		HANC TELL	LUCATION	PRESSURE L	IMITATIONS			
17.	1	L DATA	PERFORATIONS				THEORE	TICAL	1	NSTRUCTED	
OLE SIZE 64	TUBING SIZE		SHOTS/FT		SURFACE P	IPE ANNULUS LONG					
OTAL DEPTH 16/8	TUBING DEPTH		OPEN HOLE		STRING						
(11)	TUBING WEIGHT		UPDR RULE		TUBING	<u> </u>					
ASING SIZE 4//2	TUBING CONDIT	ON	***************************************			TYPE OF TREATM	ENT	TI	REATMEN	T RATE	
ASING DEPTH 1594			TREATMENT VIA		[] SURFA	SE PIPE		BREAKDOWN BP	M		
ASING WEIGHT 10, 5	PACKER DEPTH	- اسر ا				CTION CASING	- 1	INITIAL BPM			
ASING CONDITION 400 40	FBTD -	E SUMMARY	1		SOEEZ			FINAL BPM			
REAKDOWN or CIRCULATING P		AVERAGE	psi		[] ACID B	REAKDOWN		MINIMUM BPM			
	s)	ISIP	psi			TIMULATION		MAXIMUM BPM			
	si	5 MIN SIP	psi		ACID SPOTTING			AVERAGE BPM			
	<u></u> si	15 MIN SIP	psi	·	[] MISC P	UMP					
ANIMUM P					[]OTHER			HYD HHP = RATE X PRESSURE X 40.8			
						5 C T-	d ire	m-0 300	BRISH	and Flush	
STRUCTIONS PRIOR TO JO	DB MIK	u	2 - 2 Cox	200	1 20	01 3-14-1	7591	31.FA-1			
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1-1-56 3 X)	3/3/17/12	0 157	PLUY AT	1400	10154	OPSI	CAELK	FLOAT &	Laje	<u>. A</u>	
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SCRIPTION OF JUB EVEN	15 M1/1	120)		Tark	1 PMChT(157	7		•	
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rop Plug	(2:03			<u>- </u>	A~C	cy Ps	7				
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,										WICHITA, KS	
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BISON OIL WELL CEMENTING, INC.



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

()NVOICE # 6713	
LOCATION HUY 36	
FOREMAN ST	

TREATMENT REPORT

DATE WELL NAME SEC				SEC	TION	TWP	, RGE	COUNTY	FORMATION	
1-6-08 20C4 6 ARDT. 42-73						Charense				
						0/				
CHARGETO EXCEN SCRUICES					OWNER	NOBLE		1		
MAILING ADDRESS				CONTRACTOR MEPhoneson 12 RIVING						
сту				CONTRAC	TOR Me She	504 130	211148	<u> </u>		
STATE 7IP CODE					DISTANCE	TO LOCATION 7	10 males			
TIME ARRIVED ON LOCATION 12:00 FEAUCITUD 12:00					TIME LEFT	LOCATION 2	15			
(BRE PUBLIC DIVERSITION .		DATA					PRESSURE LIM	IITATIONS		
HOLE-SIZE 97	TUBING SIZE		PERFORATIONS	-			THEORET	ICAL I	NSTRUCTED	
TOTAL DEPTH 236	TUBING DEPTH		SHOTS/FT		SURFACE F	PIPE ANNULUS LONG				
Juliacula III O_	TUBING WEIGHT		OPEN HOLE		STRING	RING				
CASING SIZE 7'			O) LICTION.		TUBING					
7 >/	TUBING CONDITI	UN	TOCATALENT VAA			TYPE OF TREATMENT TREATMENT RATE				
CHAING BET 111		· · · · · · · · · · · · · · · · · · ·	TREATMENT VIA		[X] SURFA	CE PIPE	. В	REAKDOWN BPM		
CASING WEIGHT 17 4	PACKER DEPTH					JOTION CASING		INITIAL BPM		
CASING CONDITION	pppeeline	E SUMMARY			[] SOFEZ		Я	NAL BPM		
BREAKDOWN of CIRCULATING pa		AVERAGE	psi	·		BREAKDOWN	M	NIMUM BPM		
FINAL DISPLACEMENT PR		ISIP	psi			TIMULATION	M	AXIMUM BPM		
ANNULUS P		5 MIN SIP	psi		[] ACID SPOTTING		. A ¹	AVERAGE BPM		
MAXIMUM, P		15 MIN SIP	psi		[]MISC	PUMP				
MINIMUM P		72,11111			I JOTHER		. H	HYD HHP = RATE X PRESSURE X 40.8		
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OB SUMMARY					- /	- · · · · · · · · · · · · · · · · · · ·				
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DESCRIPTION OF JOB EVENT 17596 U.C. 1	D 7	54651	" Well 1	<u> </u>	13 13	ics topt	7			
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AUTHORIZATION	IU PRUGEED	onn to the towns	ff'			ut limitation the omvisio	ons on the reverse side	hereof which include the	release and indemnity.	