KANSAS CORPORATION COMMISSION **ORIGINAL**OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

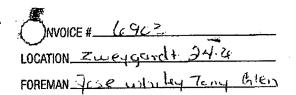
Operator: License # 33190	API No. 15 - 023 - 20950-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	SE -SW Sec. 6 Twp. 4 S. R. 41 East ▼ West
City/State/Zip:Denver, CO 80202	feet from S)/ N (circle one) Line of Section
Purchaser: Kinder Morgan	1420' feet from E / W (circle 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: Zweygardt Well #: 24-6
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3512' Kelly Bushing: 3518'
New Well Re-Entry Workover	Total Depth: 1623' Plug Back Total Depth: 1548'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 181', cmt w/ 70 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:	feet depth tosx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Alt / NCK 7-3 /-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
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:
	Lease Name: License No.:
1/29/2008 1/30/2008 2/18/2008 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R
Recompletion Date Recompletion Date	County: Docket No.:
	·
Kansas 67202, within 120 days of the spud date, recompletion, workon information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well	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 82-3-13) is and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	KCC Office Use ONLY
Signature: YMM Y XMW V Title: Permit Representative Pole: 3/17/2008	THERE
Title: Permit Representative Date: 3/172008	Letter of Confidentiality Received
Subscribed and sworn to before me thisday of	If Denied, Yes Date:
20 08.	Wireline Log Received RECEIVED Geologist Report Rect ANSAS CORPORATION COMMISSION
Notary Public: Sulle X . // Line X	UIC Distribution MAR 2 0 2008
Date Commission Expires: Wayust 63516/	
Hetelonia	CONSERVATION DIVISION



Operator Name:	Noble Energy, Inc.			Lea	se Name:_	Zweygardt		Well #:	4-6		
Sec Twp	s. R. 41	Eas	t 🗹 West	Cou	nty: Che	yenne					
tested, time tool ope temperature, fluid re	Show important tops and closed, flowing and closed, flowing covery, and flow rate as surveyed. Attach	g and shu es if gas to	t-in pressures, surface test, a	whether llong with	shut-in pre	essure reached	static level, hydros	static pressu	res, bottom	n hole	
Drill Stem Tests Take		□ Y	∕es ✓ No		Įν	og Formati	on (Top), Depth ar	nd Datum	□s	ample	
Samples Sent to Ge	ological Survey	□ Y	∕es ✓ No		Nam Niob			Top 1360'	D	atum	
Cores Taken Yes No Electric Log Run (Submit Copy)											
List All E. Logs Run	:										
•	o/ Array Induct , CBL/GR/CC		mp. Neutr	on							
		Reno	CASING			ew 🔲 Used ermediate, produc	tion etc				
Purpose of String	Size Hole	Si	ze Casing	W	veight	Setting	Type of	# Sacks Used		nd Percent ditives	
Surface	Drilled 9 7/8"	7"	et (In O.D.)	17 Lb	s./Ft.	Depth 181'	Cement 50/50 POZ	70	1	.25% Flo-cele	
Production	6 1/4"	4 1/2"			bs./Ft.	1590'	Lead, Type III	36	12% gel, 2%CaCl, .25%flo-ce		
							Tail, 50/50 POZ	56	3%CaCl,	.25 flo-cele	
			ADDITIONAL	CEMEN	TING / SQL	JEEZE RECORE)				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	e of Cement	#Sac	eks Used		Type and Pe	rcent Additive	s		
Shots Per Foot			RD - Bridge Plug Each Interval Per		oe		cture, Shot, Cement s mount and Kind of Mat		rd	Depth	
3 spf Perf. Niobrara from 1358' to 1394',(36', 3spf, 108 holes) 0.41"EHI						Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of					
						25% CO2 foamed gel pad; 31,983 gals 25% CO2 foamed					
						gel carrying 100,380 lbs 16/30 Badger sand. AIP-569psi; AIR-14.8 bpm.					
		W.E									
TUBING RECORD	Size	Set At	:	Packe	r At	Liner Run	Yes 🗸 No	·	I		
Date of First, Resume 3/7/2008	rd Production, SWD or E	Enhr.	Producing Met	hod	Flowing	g Pumpi	ng Gas Lift	☐ Oth	er (Explain)		
Estimated Production Per 24 Hours	011	Bbls.	i	Mof 98	Wate	з . В	bls. Ga	s-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF (COMPLETION			·	Production Inter	val				
Vented ✓ Sold (If vented, S	Used on Lease ubmit ACO-18.)		Open Hole	√ P•	1 📮 ,he	Puaily Comp.	Commingled				

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





TREATMENT REPORT

DATE												
199/08: 1			SEC	CTION TWP			RGE COUNTY FORMATION Cheyenne					
CHARGETO F XCELL	Geruic	<i>e</i> <u>S</u>			OWNER	<u> </u>	•					
CHARGE TO EXCELL GERVICES MALING ADDRESS					OPERATOR							
CTY					CONTRACTOR EX CELL RIG # 2							
STATE ZIP CODE					DISTANCE TO LOCATION 70 Niles							
TIME ARRIVED ON LOCATION	12:15	Reque	st 13:30		TIME LEFT LOCATION							
TIME ARRIVED ON LOCATION 12:15 Request 13:30					PRESSURE LIMITATIONS							
HOLE SIZE 97/8					THEOR	RETICAL INSTRUCTED						
TOTAL DEPTH 185	TUBING DEPTH		SHOTS/FT		SURFACE PIPE ANNULUS LONG							
	TUBING WEIGHT		OPEN HOLE		STRING							
CASING SIZE 7"	TUBING CONDIT	ION			TUBING							
CASING DEPTH 181. 14			TREATMENT VIA		TYPE OF	ENT	τ.	REATMENT	RATE			
CASING WEIGHT 172	PACKER DEPTH	•			I XI SURFACE PIPE			BREAKDOWN BPM				
CASING CONDITION COC					[] PRODUCTION CASING			INITIAL 8PM				
		E SUMMARY			SOEEZE CEMENT	,		FINAL BPM				
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi		[] ACID BREAKDOWN			MINIMUM BPM		*		
FINAL DISPLACEMENT	psi	ISIP	psf.		[] ACID STIMULATION			MAXIMUM BPM				
ANNULUS	psi	5 MIN SIP	psi .		[] ACID SPOTTING			AVERAGE 8PM				
1445/1141/14	psi	15 MIN SIP	psi		[] MISC PUMP							
MAXIMUM				[] OTHER HYD HHP				= RATE X PRESSURE X 40.8				
MINIMUM	psi HIRL	, safet	- Meetina	, ES		Pro	. sks 1		<u> </u>			
	JOB HIRL	, Safel	- Neeting.	, ES	. Circo, H	1P70	sks l		y reld			
MINIMUM NSTRUCTIONS PRIOR TO	JOB HIRL	, Safel	y neeting.	, ES	. Circo, H	lp no	sks p	ement	y reld			
MINIMUM NSTRUCTIONS PRIOR TO	JOB HIRL	, safel	- Neeting.	E 5/	. Circo, H	1P To	SKS P	ement	y reld			
MINIMUM NSTRUCTIONS PRIOR TO Den Silv 19	JOB HIRL	place	6.5 BAS	H20	. Circu, H) Shut in	<u> </u>	ell u	ement	o bit			
MINIMUM VISTRUCTIONS PRIOR TO TOP 1 SIN U 19 OB SUMMARY ESCRIPTION OF JOB EV	DJOB HIRL 5.2 DIS	Bol M	1RC, (1:10)5A[cuco, Hi shot in	(a)	eil u	ement	yreld o pit			
MINIMUM VISTRUCTIONS PRIOR TO TOP 1 SIN U 19 OB SUMMARY ESCRIPTION OF JOB EV	DJOB HIRL 5.2 DIS	Bol M	1RC, (1:10)5A[cuco, H) shot in	(a)	eil u	ement	yreld o pit			
MINIMUM NSTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY DESCRIPTION OF JOB EV	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	6.5 BAS	H20)SAS	chico, Hi shot in	of)	(1:15) (5)	enent	yreld o pit			
MINIMUM NSTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY DESCRIPTION OF JOB EV	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	etypielin	of)	eil u	enent	yreld o pit			
MINIMUM NSTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY DESCRIPTION OF JOB EV	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	of)	(1:15) (5)	enent	yreld o pit			
MINIMUM NSTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY DESCRIPTION OF JOB EV	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	of)	(1:15) (5)	enent	yreld o pit	•		
MINIMUM NSTRUCTIONS PRIOR TO TOP, SIV U OB SUMMARY DESCRIPTION OF JOB EV (1):	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	in the second	(1:15) (5)	enent	yreld o pit	1.13		
MINIMUM NSTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY DESCRIPTION OF JOB EV	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	in the second	(1:15) (5)	ement di Airch	y reld	1.13		
MINIMUM NSTRUCTIONS PRIOR TO TOP, SIV U OB SUMMARY DESCRIPTION OF JOB EV (1):	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	in the second	(1:15) (5)	ement di Airch	y reld	1.13		
MINIMUM NSTRUCTIONS PRIOR TO TOP, SIV U OB SUMMARY DESCRIPTION OF JOB EV (1):	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	in the second	(1:15) (5)	ement di Airch	y reld	1.13		
MINIMUM VISTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY ESCRIPTION OF JOB EV (1:18) H	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 M s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	in the second	(1:15) (5)	ement di Airch	SAS CORPO	DEIVED DRATION COMMIS 2 0 2008 VATION DIVISION		
MINIMUM VISTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY ESCRIPTION OF JOB EV (1:18) H	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 N s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	in the second	(1:15) (5)	ement di Airch	SAS CORPO	CEIVED PRATION COMMIS 2 0 2008		
MINIMUM VISTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY ESCRIPTION OF JOB EV (1:18) H	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 N s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	in the second	(1:15) (5)	ement di Airch	SAS CORPO	CEIVED PRATION COMMIS 2 0 2008 EVATION DIVISION		
MINIMUM VISTRUCTIONS PRIOR TO TOPINS IN 19 OB SUMMARY ESCRIPTION OF JOB EV (1:18) H	DJOB HIRL 5.2 DIS ENTS (1217	aplace 301 N s cenen	1RC, (1:10 +50/50 Poz	H20)SAS	chico, Hi shot in	in the second	(1:15) (5)	ement di Airch	SAS CORPO	CEIVED PRATION COMMIS 2 0 2008 EVATION DIVISION		
MINIMUM NSTRUCTIONS PRIOR TO Den Silv 19 OB SUMMARY ESCRIPTION OF JOB EV 118) H (117)	DJOB HIRL 5.2 DIS ENTS (1217	BOI H Scenen	1RC, (1:10 +50/50 Poz	H20)SAS	Chico, Hi Shot in Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation Cetipulation	in the second	(1:15) (5)	ement di pircu di pircu dis Hze	SAS CORPO	DEIVED DRATION COMMIS 2 0 2008 VATION DIVISION		

BISON OIL WELL CEMENT? 1738 Wynkoop St., Ste. 102 Denver, Colorado 80202	S, Inc.			(NVOICE #	687	1		
Phone: 303-296-3010		LOCATION C/2 L							
Fax: 303-298-8143 E-mail: bisonoil1@qwest.net				F	OREMAN A	(Coff Ene	<u> </u>		
E-mail Distribute questific	ATMEN	NT REPORT REUBEN							
	J & 1227	,	TION	TWP	RGE R		INTY	FORMATION	
1-32-08 ZUCYGARDT	74-6		11014	1111		1.47	,		
CHARGETO EXCESS SCRUICES	,		DWNER	NOBLO	· 				
MAILING ADDRESS			OPERATOR	l					
CITY			CONTRAC	ron Exec	112	,			
STATE ZIP CODE			DISTANCE		mices				
TIME ARRIVED ON LOCATION 11: 75 PECOL	LS TE 12 10	7.00	TIME LEFT	LOCATION 2	00				
WELL DATA				·····	PRESSURE			·····	
HOLE SIZE 6 ET TUBING SIZE	PERFORATIONS				THEOR	ETICAL	IN	STRUCTED	
TOTAL DEPTH 1673 TUBING DEPTH	SHOTS/FT		SURFACE F	PIPE ANNULUS LONG		· · · · · · · · · · · · · · · · · · ·	ļ		
TUBING WEIGHT	OPEN HOLE		STRING			· · · · · · · · · · · · · · · · · · ·	 		
CASING SIZE H & TUBING CONDITION			TUBING						
CASING DEPTH 15 90	TREATMENT VIA			TYPE OF TREATM	ENT		REATMENT	RATE	
CASING WEIGHT /0,5 PACKER DEPTH			[] SURFA			BREAKDOWN B	****		
CASING CONDITION 6047				CTION CASING		INITIAL BPM			
PRESSURE SUMMARY	· · · · · · · · · · · · · · · · · · ·		[] SOEEZ		٠.	FINAL BPM			
BREAKDOWN or CIRCULATING psi AVERAGE	psi			REAKDOWN		MINIMUM BPM			
FINAL DISPLACEMENT psi ISIP	, psl		[] ACID S	THAULATION		MAXIMUM BPM			
ANNULUS psi 5 MIN SIP	psi		[] ACID S			AVERAGE BPM			
MAXIMUM psi 15 MIN SIP psi				[] MISC PUMP					
MINIMUM psi .		[] OTHER			HYD HHP = RATE X PRESSURE X 40.8				
INSTRUCTIONS PRIOR TO JOB M FILE, SH	ttruce)	T148	-, 25	F C166	WIR	3013	135 K	n/t.	
WIN 365451 5 AD 1 1.4 e.	LF 12.1	0 226	4511	7 264	yiacis	MYPS	6717	7616	
Cament BADens 114 18	13 YICUD	DR	OPP	Luc DIS	place	747	BRU	5.430	
Cament 13 RD eng 11 1.8 Bump Plus 1200 to 15	00 PSI	pei	rase	ppess u	re,	WAGE	up to	dit	
RIS DOUN.				 	· · · · · · · · · · · · · · · · · · ·		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
JOB SUMMARY	o CAFIZ	4 /2	132	- m 15	- 12:17	フ			
DESCRIPTION OF JOB EVENTS MIRU 11:3 CEM 12'116 DROP) ZURLULY 108 1255 10 131315 SLURRA TORT O	0648 12'5	79	1019	102	10146	\$ 105	725-[200	
ZUALL 104 PSE 10	8 125I.	400	2	41.7,400	1:	<u> 25ر ۱۱</u>	<u>~ 15</u>		
131315 SLUPRO TOPT 0								·	
								<u> </u>	
						KANS	REC	CEIVED DRATION COMMISSI	
· ·						IAna		2 0 2008	

AUTHORIZATION TO PROCEED

1-30 08

CONSERVATION DIVISION WICHITA, KS

TITLE