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 - 023-20945-0000
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	SW - NW Sec. 32 Twp. 3 S. R. 41 East W West
City/State/Zip:Denver, CO_80202	feet from S /(N) circle one) Line of Section
Purchaser: Kinder Morgan	1250' 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 #: 12-32
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3642' Kelly Bushing: 3651'
New Well Re-Entry Workover	Total Depth: 1729' Plug Back Total Depth: 1668'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 299', cmt w/ 96 sx Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from n/a
Operator: n/a	
Well Name:	feet depth to sx cmt.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Pan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
	Lease Name: License No.:
1/26/2008 1/29/2008 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.:
Kansas 67202, within 120 days of the spud date, recompletion, worko 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, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-12) and geologist well report shall be attached with this form. ALL CEMENTING lls. 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.	ulate the oil and gas industry have been fully complied with and the statements
Signature: Barnett	KCC Office Use ONLY
Fittle: Permit Representative Date: 1008	Letter of Confidentiality Received
Subscribed and sworn to before me this Londay of Light	Denied, Yes Date:
20 88. A Valentials Out	KANSAS CORPORATION COMMISS COMPOSITION COMMISS COMPOSITION COMMISS
Notary Public: The war leg ybogs	APR 1 7 2008
Date Commission Expires: My Commission Expires Aug. 20, 200	CONSERVATION DIVISION WICHITA, KS

Operator Name:	loble Energy, Inc.			Lea	se Name:	Zweygardt	····	Well #: 12-	32					
Sac Twp3	S. R. 41	Eas	t 🔽 West	Cou	inty:Che	yenne								
ested, time tool ope emperature, fluid re	how important tops a n and closed, flowing covery, and flow rate s surveyed. Attach t	g and shut s if gas to	-in pressures, surface test, a	whether	shut-in pro	ssure reached	static level, hydros	static pressu	res, bottom	hole				
Orill Stem Tests Take		Y	es 🗹 No		₽L	og Formati	on (Top), Depth ar	nd Datum	□s	ample				
Samples Sent to Ge	ological Survey	Y	es 🗹 No		Nam Niob			Top 1470'	atum					
Cores Taken Electric Log Run (Submit Copy)		Y. ✓ Y												
List All E. Logs Run:														
•	(Array Inducti , CBL/GR/CC		•											
		Repo	CASING rt all strings set-c		·	w Used ermediate, produc	tion, etc.							
Purpose of String	Size Hole Drilled		e Casing t (in O.D.)		Veight os. / Ft.	Setting Depth	Type of Cement	# Sacks Used		nd Percent ditives				
Surface	9 7/8"	7"	. (0.2.)	17 Lb		299'	50/50 POZ			.25% Flo-cel				
Production	6 1/4"	4 1/2"		10.5 Lbs./Ft.		1710' Lead, Type		41 sx	12%gel, 2%CaCl, .25 Flo-					
14 14 14 14 14 14 14 14 14 14 14 14 14 1						Tail, 50/50 POZ	56 sx	3%CaCl,	.25% flo-cel					
			ADDITIONAL	CEMEN	ITING / SQI	JEEZE RECORI)	1		*				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sad	cks Used		Type and Pe	ercent Additive	s					
Shots Per Foot			RD - Bridge Plug Each Interval Per		pe		cture, Shot, Cement mount and Kind of Mai		rd	Depth				
3 spf	Perf Niobrara inten	val from 1	470'-1508'			Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of								
	(38', 3spf, 114 hole	s). 0.41"E	HD, 120 degre	e phas	е.	25% CO2 foamed gel pad; 27,627 gals 25% CO2 foamed								
		·····		***************************************		gel carrying 82,8	40 lbs 16/30 sand. Al	P-677psi; AIR-	14.9 bpm.					
TUBING RECORD	Size	Set At		Packe	er At	Liner Run	Yes 🕑 No							
Date of First, Resumer 3/24/2008	d Production, SWD or E	Enhr.	Producing Met	hod	✓ Flowin	g Pumpi	ng Gas Lift	Oth	er (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf 95	Wate	er E	lbls. Ga	as-Oil Ratio		Gravity				
Disposition of Gas Vented Sold (If vented, Su	METHOD OF C	COMPLETIC	ON Open Hole Other (Speci	₽	erf. [][Production Inter	val Commingled							

FORM REPRODUCED UNDER LICENCE FROM IADC

DAILY DRILLING REPORT REPORT NO. EXCELL 17_20080129_28

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BISON OIL WELL CEMENTY 5, INC.



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

E-mail: bisonoil1@qwest.net

ONVOICE # (p902/ LOCATION Zweigard + 12-32 FOREMAN GOSO Whiley Alf., Tony

TREATMENT REPORT

DATE	Zwefgardt 17-33				TION	₹₩₽	RGE		COUNTY FORMATION						
184/08 Z	weggan	7 17.50					(leyennt)								
CHARGETO EXCEIL	Servi	(e s		OWNER											
MAILING ADDRESS					OPERATOR										
ату				CONTRACTOR EXCELL RIG # 17											
STATE ZIP CODE				DISTANCE TO LOCATION TO Miles											
TIME ARRIVED ON LOCATION	7.00	Request	9:30	TIMELEFT LOCATION 12400											
	WEL	L DATA				PRESSURE	LIMITA:	TIONS							
HOLE SIZE 644	TUBING SIZE		PERFORATIONS	1			THEOR	ETICAL	ICAL INSTRUCTED						
TOTAL DEPTH 1726	TRIBING DEPTH			SURFACE F	PPE ANNULUS LONG										
P/B 1668.17					STRING										
CASING SIZE < 1/2	TUBING CONDIT	NOF			TUBING										
CASING DEPTH 1710.3	4	·····	TREATMENT VIA		,	TYPE OF TREATM	ENT		TREATM	ENT RATE					
CASING WEIGHT 10,5	PACKER DEPTH				[] SURFA	CE PIPE		BREAK	DOWN BPM						
CASING CONDITION GOOD					A PAODU	ICTION CASING		INITIAL	. BPM						
	PRESSUR	E SUMMARY			[] SQEEZ	E CEMENT		FINAL E	BPM						
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	,	[] ACID B	REAKDOWN		MINIM	UM BPM'						
FINAL DISPLACEMENT	pal	ISIP	pel			TIMULATION		MAXIM	UM BPM						
ANNULUS	psi .	5 MIN SIP	psi]] ACID S	POTTING	VETAGE BPM								
MAXIMUM	psi		[] MUSC P												
MINIMUM	psi				OTHER			HYDH	HP = RATE X PRES	SURE X 40.8					
NSTRUCTIONS PRIOR TO .	IOB LLIQU	, safety	weetings (554,0	יויכט,	PUHP 30	BBIS N	Lud	Flush						
MPHISKS										Usold 1.83					
Density 13.8	Garage S		Displace	24.5	ROIS	1420 Set	Plus R	د. با ه	een 13m	Elecopet					
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IOB SUMMARY		 						<u> </u>							
DESCRIPTION OF JOB EVEN KCL MOD Flu	vis (9130) MIRU, ((10:40) SA.	felu	weets	19 110:50) Estil	TCO;	PUMI	1 30 BB/S					
KCL Mad Flo	sh. 110:	55) HIP	41 sks tead	PEN	mti 1	11105) NI	P 54 585	Ta	il orner	<i>(f ,</i>					
(11:15) DO	VO PIV	9. (11:18	DISTACE	1741	5 RB	\$ H20									
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