Corrected Copy-Location Change

KANSAS CORPORATION COMMISSION

OIL & GAS CONSERVATION DIVISION ORIGINAL Form Must Be Typed
WELL COMPLETION FORM ORIGINAL Form Must Be Typed

(A. 107

Form ACO-1

WELL HISTORY - DESCRIPTION OF WELL & LEASE

	made on 7/11/05
Operator: License # 33190	API No. 15 - 023-20921-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	NW - NE - Sec. 4 Twp. 4 S. R. 41 East West
City/State/Zip: Denver, CO 80202	460' feet from S / (N) circle one) Line of Section
Purchaser:	4_ 2560' feet from (E) W (circle one) Line of Section
Operator Contact Person: Jennifer Barnett	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>303</u>) <u>228-4235</u>	(circle one) NE SE NW SW
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Zweygardt Well #: 31-4
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3561' Kelly Bushing: 3567'
New Well Re-Entry Workover	Total Depth: 1627' Plug Back Total Depth: 1560'
Oil SWD SIOW Temp. Abd,	Amount of Surface Pipe Set and Cemented at 235', cmt w/ 74 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 tow/_cores D\q - (2,5)
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	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
1/24/2008 1/25/2008 2/21/2008	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
L Was-460' FNL, 2560' FWL	Docket No.
IS-460' FNL, 2560' FEL	
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 a 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: Junife Sumul	KCC Office Use ONLY
Title: Permit Representative Date: 7/8/08	etter of Confidentiality Received
Subscribed and sworn to before me this Study of July	NOTARY Date:
2098	The Log Received RECEIVED Geographic Street Received Rec
Notary Public: Why Wally Just	Distribution
Date Commission Expires: My Commission Expires Aug. 20, 2008	JUL 0 9 2008

Operator Name: Noble Energy, Inc.			Lease Name: Zweygardt				Well #: 31-4			
Sec. 4 Twp		• *	st 🔽 West	Cou	unty: Chey	/enne				
ested, time tool ope emperature, fluid re	Show important tops en and closed, flowing ecovery, and flow rate gs surveyed. Attach	g and shu s if gas to	rt-in pressures, surface test, a	whethe along wi	r shut-in pr	essure reached	l static level, hydro	static pressu	res, bottom hole	
Drill Stem Tests Taken Yes (Attach Additional Sheets)			res 🗹 No	✓ Log Formation (To			tion (Top), Depth a	pp), Depth and Datum Sample		
Samples Sent to Geological Survey		Yes No				Name Niobrara		Top Datum 1388'		
Cores Taken		Yes No			111001010			1000		
Electric Log Run (Submit Copy)		~ `	res No							
List All E. Logs Run	:									
	o/ Array Induct , CBL/GR/CCI		casing							
		Repo				ew Used ermediate, produ	ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percen Additives	
Surface 9 7/8"		7"		17 Lbs./Ft.		235'	50/50 POZ	74	2% CaCl, .25% Flo-c	
Production	6 1/4"	4 1/2"		10.5 Lbs./Ft.		1602'	Lead, Type III	36	12% gel, 2%CaCl, .25% Fto-	
					··, ···, ·· · · · · · · · · · · · · · ·		Tail, 50/50 POZ	56	3% CaCl, .25 Flo-c	
		T	ADDITIONAL	CEMEN	NTING / SQ	UEEZE RECOR	D			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement #Sack			cks Used	Type and Percent Additives				
	DEDECODATI	ON DECO	OD Dide Div	- D-4/T-		1				
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
3 spf	Perf. Niobrara from 1388' to 1425', (37', 3spf, 111 holes) 0.41"EHI					Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of				
						25% CO2 foam	ned gel pad, 27,756	gals 25% CO	2 foamed	
						gel carrying 85,280 fbs 16/30 Daniels send. AIP-870 psi; AIR-15.1 bpm.				
TUBING RECORD	Size	Set At		Packe	er At	Liner Run	Yes V No	·		
Date of First, Resumer 3/13/2008	rd Production, SWD or E	inhr.	Producing Met	hod	✓ Flowin			Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas	Mcf	Wate	er E	_	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF C	OMPLETIO	I ON	111	0	Production Inte	0 rval		· · · · · · · · · · · · · · · · · · ·	
			_	<u>.</u>						
Vented ☑ Sold (If vented, So	Used on Lease ubmit ACO-18.)		Open Hole Other (Speci	fy)(fy)	еп. [Dually Comp.	Commingled			