*Subsequent ORIGINAL ssion (tubing added)

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

AMENDED

Operator: License # 33190	API No. 15 - 023-21052-0000				
Name: Noble Energy, Inc.	County: Cheyenne				
Address: 1625 Broadway, Suite 2200	NE -NE - SW- NW Sec. 6 Twp. 4 S. R. 41 East W West				
City/State/Zip: Denver, CO 80202	1,400' feet from S (N) (circle one) Line of Section				
Purchaser: Kinder Morgan	1,080' 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 #: 12-6				
License: 8273	Field Name: Cherry Creek Niobrara Gas Area				
Wellsite Geologist: none	Producing Formation: Niobrara				
Designate Type of Completion:	Elevation: Ground: 3592' Kelly Bushing: 3601'				
New Well Re-Entry Workover	Total Depth: 1657' Plug Back Total Depth: 1591'				
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 248', cmt w/86 sx Feet				
Gas ENHR SIGW	·				
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used?				
	If yes, show depth setFeet				
If Workover/Re-entry: Old Well Info as follows: Operator: n/a	If Alternate II completion, cement circulated from n/a				
Well Name:	feet depth tow/sx cmt. AHI-Da-4/6/09				
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					
Plug BackPlug 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:				
·	Operator Name:				
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:				
7/12/2008	Quarter Sec Twp S. R				
Spud Date or Pate Reached TD Completion Date or Recompletion Date	County: Docket No.:				
	33300				
Kansas 67202, within 120 days of the spud date, recompletion, workd information of side two of this form will be held confidential for a period of	ith 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 82-3-125 and geologist well report shall be attached with this form. ALL CEMENTING Ills. Submit CP-111 form with all temporarily abandoned wells.				
All requirements of the statutes, rules and regulations promulgated to the herein are complete and correct to the best of my knowledge.					
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NOTARY				
Signature: JUMML SUMULT 348/08	KCC Office Use ONLY				
Title: Regulatory Analyst Date: 3/18/09	PUBLIC . Office Use ONLY				
Title: Regulatory Analyst Date: 3/18/09	PUBLIC . Office Use ONLY				
Title: Regulatory Analyst Date: 3/18/09 of Subscribed and sworn to before me this 18 day of MARCH	PUBLIC Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received				
Title: Regulatory Analyst Date: 3/18/09 or Subscribed and sworn to before me this 18 day of MARCH 20.09	PUBLIC Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received				
Title: Regulatory Analyst Date: 3/18/09 of Subscribed and sworn to before me this 18 day of MARCH	PUBLIC Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received Geologist Report Received KANSAS CORPORATION COMMISSION UIC Distribution				

Side Two

Operator Name: Noble Energy, Inc.			Lease Name	Lease Name: Zweygardt		Well #: 12-6		
ec. 6 Twp. 4	S. R. 41	East West		heyenne				
ested, time tool ope emperature, fluid re	n and closed, flowing covery, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, inal geological well site	whether shut-in along with final cl	pressure reache	d static level, hydro:	static pressu	res, bottom hole	
Drill Stem Tests Taken (Attach Additional Sheets) Samples Sent to Geological Survey Yes No			Log Forma	Formation (Top), Depth and Datum		Sample		
		☐ Yes 🗹 No	1	ame obrara	Тор 1434 '		Datum	
Cores Taken (lectric Log Run (Submit Copy)		Yes No						
ist All E. Logs Run:								
Triple Combo	(DEN/NEU/IN	ID), CBL/GR/CC		New Used				
	•	Report all strings set-	_	_	uction, 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 Percent Additives	
Surface	9 7/8"	7 ⁴	17 Lbs./Ft.	248'	50/50 POZ	86 sx	3% CaCl, .25% Flo-ce	
Production	6 1/4"	4 1/2"	11.6 Lbs./Ft	1633'	Lead, Type III	37 sx	12%gel, 2%CeCl, .25& Polyfa	
-					Tail, 50/50 POZ	56 sx	2% Gel, 1% CFL-8	
		ADDITIONA	L CEMENTING / S	QUEEZE RECO	RD.	<u> </u>		
Purpose: Depth Top Bottom		Type of Cement	pe of Cement #Sacks Used		Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone								
Shots Per Foot	PERFORAT		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
Specify Footage of Each Interval Performs 3 spf Perf Niobrara interval from 1434'-147'					Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of			
	(38', 3spf, 114 holes) .41" EHD, 120 degree phase.			25% CO2 foamed gel pad; 31,944 gals 25% CO2 foamed				
			gel carrying 100,040 lbs 16/30 sand. ATP- 709 psi; ATR- 12.8 bpm.					
TUBING RECORD	Size 2-3/8"	Set At	Packer At n/a	Liner Run	Yes No			
Date of First, Resume	rd Production, SWD or	Enhr. Producing Me	ethod Flo	wing Pum	nping Gas Lift	Ou	ner (Explain)	
Estimated Production Per 24 Hours	Oii O	Bbls Gas	Mcf V	Vater Ö	Bbls. G	as-Oil Ratio	Gravity	
	METHOD OF COMPLETION Production Interval							