

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

KCC WICHITA

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License #33190	API No. 15 - 023-21190-00-00 AMENDED					
Name: Noble Energy, Inc.	County: Cheyenne					
Address:1625 Broadway, Suite 2200	w ₂ - SE - SW - SW Sec. 9 Twp. 2 S. R. 38 ☐ East West					
City/State/Zip: Denver, CO 80202	330' feet from S N (circle one) Line of Section					
Purchaser: Kinder Morgan/ Big Timber	940' feet from E (W)(circle one) Line of Section					
Operator Contact Person: Jennifer Barnett	Footages Calculated from Nearest Outside Section Corner:					
Phone: (_303) _228-4342	(circle one) NE SE NW SW					
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Cook Farms Well #: 14-9					
License: 8273	Field Name: Cherry Creek Niobrara Gas Area					
Wellsite Geologist: none	Producing Formation: Niobrara					
Designate Type of Completion:	Elevation: Ground: 3357' Kelly Bushing: 3366'					
✓ New Well Re-Entry Workover	Total Depth: 1500' Plug Back Total Depth: 1442'					
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 255',cmt w/ 88 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: n/a	feet depth tow/sx cmt.					
Well Name:						
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH I NCR 1-25-10 (Data must be collected from the Reserve Pit)					
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls					
Plug BackPlug 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:					
11/21/2008 11/23/2008 11/30/2009	Lease Name: License No.:					
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West					
Recompletion Date Recompletion Date	County: Docket No.:					
Kansas 67202, within 120 days of the spud date, recompletion, workov 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, wer 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-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.					
All requirements of the statutes, rules and regulations promulgated to regul herein are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements					
Para la Range H						
Signature: SWWW DWWWW	KCC Office Use ONLY					
Title: Regulatory Analyst Date: 15/2010	Letter of Confidentiality Received					
Supplied and sworm to before me this 5 day of JANUARS	If Denied, Yes Date:					
2010 TARK	Wireline Log Received RECEIVED					
NUMARY ON A STATE OF THE STATE	Geologist Report Received					
Notary Public . 9 My Commission Expires 09/11/20	UIC Distribution JAN 1 1 2010					

Side Two

Operator Name: Noble Energy, Inc.				Lease Name: Cook Farms			Well #:				
SecTwp2	9 Twp. 2 S. R. 38 East 🗸 West				County: Cheyenne						
ested, time tool ope emperature, fluid re	how important tops at n and closed, flowing covery, and flow rates s surveyed. Attach fi	and shut-in pressurif gas to surface te	res, whether shust, along with fir	ut-in pre	essure reached	static level, hydro	static pressui	res, bottom	hole		
Drill Stem Tests Taken			0	✓ Log Formation (Top), De			nd Datum	Sample			
Samples Sent to Geological Survey ☐ Yes ☑ No			0	Nam Niobi			Top 1285'		Datum		
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ N ✓ ☑ Yes ☐ N	1								
ist All E. Logs Run:			,								
Triple Combo Perforation R	(DEN/NEU/IN ecord	D), CBL/CCL	/GR,								
			ING RECORD set-conductor, sur	√ No face, int		etion, etc.					
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigi	ht	Setting Depth	Type of Cement	# Sacks Used		nd Percent		
Surface	9 7/8"	7"	17 Lb		255'	50/50 POZ	88 sx	Additives 3% CaCl, .25% Flo-cele			
Production	6 1/4"	4 1/2"	11.6 Lbs		1483'	Lead Type III	30 sx	12% Get, 2% Ca©l, .25% Polyflak			
						Tail Type III	56 sx	2% Gel,	1% CFL-8		
		ADDITIC	NAL CEMENTIN	G / SQ	JEEZE RECORI)	. 				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks \	Jsed		Type and P	ercent Additive	S			
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Acid, Fracture, Shot, Cement Squee (Amount and Kind of Material Use)							ord	Depth		
3 spf	•	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 ga			00 gals of						
	(26', 3spf, 78 holes) .45" EHD, 120 degree phase				25% CO2 foamed gel pad; 22,196 gals 25% CO2 foamed gel						
					carrying 62,080	lbs 16/30 sand. ATP	-1,004 psi; AFR	t-8.6 bpm.			
TUBING RECORD	Size Set At Packer At				Liner Run	∐Yes ☑ No					
Date of First, Resume 12/11/2009	rd Production, SWD or E	nhr. Producing		/ Flowin	ng Pump	ing Gas Lif	t 🗌 Oti	ner (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf 55	Wa	er	Bbls. G	as-Oil Ratio		Gravity 0		
Disposition of Gas	METHOD OF C	OMPLETION			Production Inte	erval					
Vented ✓ Sold	Used on Lease	Open I	Hole Perf.		Dually Comp.	Commingled _					