

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	: en Flow liverabill			(Test Date	See Instruc	tions on Re	verse Side	API	No. 15)23-20549- 0	in-nn	
Company Noble Er		nc.				Lease Zweyga	ardt	10-0	723-203-3-0		Well Number
County Cheyenne		Location NW-SW		Section 32		TWP 3S		RNG (E/W)			Acres Attributed
Field Cherry C			<u> </u>	Reservoir Niobrara				Gas Gatt	nering Conner		1
Completic 5/23/200				Plug Bac 1595'	k Total Dep	th		Packer S	et at	-	
Casing Size 7", 4-1/2"			Weight 20#, 10.5#		Internal Diameter 9-7/8", 6-1/4"		Set at 290', 1638'		ations)'	то 1486'	
Tubing Size 2-3/8"		Weigh 4.7 #	Weight 4.7#		Internal Diameter 1.995		Set at 1562'		ations	То	
Type Con Single ((Describe)		Type Flui Saltwa	d Production	n		Pump Un Yes	it or Traveling	Plunger? Yes	/ No
Producing Thru (Annulus / Tubing) Tubing			g)	% Carbon Dioxide				% Nitroge	en	Gas Gr	avity - G _g
Vertical D	epth(H)				Pres	sure Taps				(Meter I	Run) (Prover) Size
Pressure Well on L	•	Shut in 2/2 Started 2/2		0 11 at 1		\subseteq				at	
VVEII OII L		Started		J at					ZV		24
Static / Dynamic Property	Orifice Size (inches	Meter Prover Pressi	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head	Cas Wellhead (P _w) or (F	sing Pressure	Wellhea	ubing ad Pressure (P ₁) or (P _c) psia	Duration of Shut- Duration (Hours)	Liquid Produced (Barrels)
Shut-In						125.		ļ			
Flow					FI 014 075						!
Plate Coeffieci (F _b) (F Mcfd	ent ,)	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fac F _s	rity tor	Flowing Temperature Factor F _{tt}	Dev Fa	riation ector =	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
				•	OW) (DELIV		•				2 = 0.207
$(P_c)^2 = $ $(P_c)^2 - (P_c)^2 - ($		(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpre Slo As	essure Curve pe = "n" - or signed lard Slope	nxL	og []	(P _d)	Open Flow Deliverability Equals R x Antilog (Mcfd)
Ones Fla			Massa @ 144	SE nois		Doliversh	.:!!**.			Motel @ 14 SE poi	
	ındersig	ned authority, or		Company, s		•	uthorized t			Mcfd @ 14.65 psi	
		Witness (i	f any)	·		-	Che	rys	For C	COUNTY OMPANY	RECEIVED
		For Comm	nission			-	···· ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·-	<u>//</u>	Chec	ked by	DEC 13 20

KCC WICHITA,

exempt s and that	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to requestatus under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records
	nent installation and/or upon type of completion or upon use being made of the gas well herein named eby request a one-year exemption from open flow testing for the
	on the grounds that said well:
	(Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER
	is on vacuum at the present time; KCC approval Docket No is not capable of producing at a daily rate in excess of 250 mcf/D
	her agree to supply to the best of my ability any and all supporting documents deemed by Commiss necessary to corroborate this claim for exemption from testing.
Date:	11/21/11
	Signature:

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

RECEIVED

DEC 1 3 2011