KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

ype Test	:				((See Ins	structio	ns on Re	everse Side))					
· ·	en Flow				Test Date	e:				AF	I No. 15				
	liverabilty										-023-21055	-00-00			
Company Noble Energy Inc						Lease Zimbelman					44-6			Well Number	
county Location Cheyenne W2-SW-SE-Se				Section 6			TWP 4S		RNG (E/W) 41W			Acres Attributed RECEIVE DEC U 5 2 KCC WICH			
Field Cherry Creek				Reservoir Niobrara					Gas Gathering Connection Southern Star/Kinder				DEC "		
Completion Date				Plug Back Total Depth					Packer Set at		der Morgan		UEC U5		
/19/2008 asing Size Weight				1565' Internal I	Internal Diameter			Set at		orations	То	KC	C WICH		
4-1/2" 17#, 11.6# bing Size Weight			9-7/8", 6-1/4" Internal Diameter			254', 1607' Set at		1406' Perforations			1442' To				
-3/8" 4.7#				1.991				aı							
/pe Completion (Describe) ingle (gas)					Type Fluid Production Saltwater				Pump Unit or Traveling Yes		g Plunger? Yes	Plunger? Yes / No			
oducing Thru (Annulus / Tubing)				% (Carbon [Dioxide)		% Nitro	gen	Gas G	Gas Gravity - G _g			
ubing ertical Depth(H)					Pressure Taps						(Meter	Run) (i	Prover) Size		
CCUTO.	Buildun	Shut in3/	/5		, 12 _{st} 1	1:30			Tokan			· -1		(414) (714)	
ressure Buildup: Shut in 3/6 /ell on Line: Started 3/6				10 10:20			AM) (PM)		20		•				
tic /	Orifice	Circle one	9:	Pressure	Elevies	T		SURFAC Cas	SE DATA sing	1	Tubing	Duration of Shut	-in_25	Hours	
amic perty	Size (inches)	Meter Prover Pressure		Differential in	Flowing Temperature t	Well Head Temperature t			Pressure	Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liqu	Liquid Produced (Barrels)	
ut-In		psig (Pn	")	Inches H ₂ 0				psig 187	psia	psig	psia				
low						<u> </u>									
						FLOW	STRE	AM ATTR	RIBUTES						
Plate coeffieci (F _b) (F _p Mcfd	ent ,) P	Circle one: Meter or Prover Pressure psia				avity ctor T		Flowing mperature Factor F _{rt}	Fa	riation actor = pv	Metered Flo R (Mcfd)	ow GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
						*									
) ² =	:	(₽ _w)²	·=	:	(OPEN FL		ELIVEF %		') CALCUL P _c - 14.4) +		:) ² = 0.) ² =		
(P _c) ² - (F or (P _c) ² - (F	P _a) ²	(P _c) ² - (P _w) ²		1. $P_c^2 - P_a^2$ LOC form 2. $P_c^2 - P_a^2$ LOC form 2. $P_c^2 - P_c^2$ 1, or and d by		nula r2. <i>fivide</i> p2.p2		Backpressure Curve Stope = "n" or Assigned Standard Stope		n x LOG		Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
en Flov	<u> </u>			Mcfd @ 14.0	65 psia			Deliverat	pility			Mcfd @ 14.65 ps	l sia		
The u	ındersign	ed authority,	on b	ehalf of the	Company, s	states th	nat he			o make t	he above rep	ort and that he h		wledge of	
		ein, and that												20 12	
		Witnes	g fit an	v1				-			F	Company			
		vviu ies:	~ (11 mil)	"							≻ 00	Company			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Zimbelman 44-6
gas well 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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from testing.
Date: 11/30/12
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.