KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					0	See Instruc	tions on Re	verse Side	a)							
□ Ор	en Flo	w				Tool Date				40	. NI. 45						
De	liverab	ilty				Test Date	,				l No. 15 -023-2128	39-00-0	00				
Company Noble Er		Inc			· · · · · · · · · · · · · · · · · · ·			Lease Rogers	ı				(32-31	Vell Nu	mber	
County Cheyenr	ne			cation SE-SV		Section 31		TWP 5S		RNG (E 39W	/W)			A	cres A	ttributed	
Field Prairie S	tar					Reservoir Niobrara					thering Co	onnectio	on				
Completic 5/23/11	on Dat	e .				Plug Bac 1521'	k Total Dep	th		Packer	Set at					<u>,</u>	
Casing Si 7", 4-1/2				eight 7#, 11	.6#	Internal E 9-7/8",		Set : 356	at ',1557'	Perfo	orations 11'	•		го 1378'			
Tubing Size 2-3/8"			Weight 4.7#			Internal D		Set at		Perforations			То				
Type Con Single (n (De	escribe)				d Productio	n		Pump U Yes	nit or Trave	ling Plu		Œ	/ No	·	
Producing	<u> </u>	(Anr	nulus / Ti	ubing)		% C	arbon Diox	ide		% Nitro	gen			Gas Gra	ıvity - G	<u> </u>	
Tubing															-	•	
Vertical D	epth(F	1)				•	Pres	sure Taps				·	(Meter F	tun) (Pr	over) Size	
Pressure	Buildu		Տոսւ տ _	11/18	2	0_13_at_9		(AM) (PM)	· Taken			20	at		(AM) (PM)	
Well on L	ine:	;	Started _	11/19	2	0 <u>13</u> at <u>9</u>	:00	(PM)	Taken	<u>.</u>		20	_ at		(AM) (PM)	
				•			OBSERVE	D SURFAC	E DATA			Dur	ration o	of Shut-i	n_24	Hours	
Static / Dynamic Property	Orifi Siz (inch	e	Circle Met Prover P	er ressure	Pressure Differential in	Flowing Temperature I	Well Head Temperature	Wellhead	sing Pressure or (P _c)	Wellh	Tubing ead Pressure × (P ₁) or (P _c)		Durati (Hour			rid Produced (Barrels)	
Shut-In		,	psig (Pm)	Inches H ₂ 0			psig 87	psia	psig	psia						
Flow																	
<u> </u>							FLOW STI	LEAM ATTR	RIBUTES	1					l		
Plate Coeffied (F _b) (F Motd	ient _p)	Pro	Circle one: Meter or over Presso psia	ure	Press Extension Pmxh	Grav Fac	tor	Flowing Temperature Factor F _{t1}	F:	viation actor F _{pv}	Metered R (Mcfe		(C	GOR Cubic Fee Barrel)	∍V	Flowing Fluid Gravity G _m	
(P _c) ² =		_:	(P	")² =	:	•	• •	/ERABILITY % (/) CALCUI P _c - 14.4) -		:				= 0.2		
(P _c)² - (I or (P _c)² - (I	P_)2 .	(F)² - (P _w)²		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slo	essure Curv ope = "n" - or ssigned dard Slope	l n x	LOG		Antilo	og	Deli Equals	en Flow verability R x Antilog Mcfd)	
Open Flor	w				Mcfd @ 14.	65 psia		Deliveral	bility			Mcf	d @ 14	1.65 psi	<u>a</u>		
		-		•	ehalf of the			•				•	nd thai			•	
ine tacts s	iated t	nerei	n, and tr	iat said	report is true	e and correc	a. Executed	ı inis ine <u>-</u>	· ·	day of				K	CV	<u>13</u> VICHIT∕	
			Witi	ness (it an	y)	 						For Compa	any			1 2013	
			For	Commissi	on '							Checked t	by			EIVED	

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and that correct to of equipr	the foregoing pressure information and statements contained on this application form are true and of the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named. The request a one-year exemption from open flow testing for the Rogers 32-31 on the grounds that said well:
l furt	(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 ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date: _12	Signature: Checyl Johnson
	Title: Completions Supervisor

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 WICHITA signed and dated on the front side as though it was a verified report of annual test results.

DEC 3 1 2013