## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					_	(	See Instru	ctions (	on Rev	rerse Side	<del>?</del> )							
	en Flo liverat				Tes	t Date	ı:					PI No 5-02	o. 15 23-20803	-00-00	)			
Company Noble E		Inc							ase iile						42-6 44-6	Well Nu	ımber	
County Cheyenne			Loca NENE		Sec 6	Section 6			TWP 4A			RNG (E/W) 41W				Acres Attributed		
Field Cherry Creek						ervoir brara			Gas Gathering Co /Southern Star/k									
Completic 10/2/200		te			Plug 15		k Total Dej	pth			Packe	r Set	at				·····	
Casing Size 7", 4-1/2"			Weig 17#,	ht 9.5#			Diameter 6-1/4"		Set at 240', 1594'			Perforations 1434'			то 1472'			
Tubing Size 2-3/8"			Weight 4.7#			Internal Diameter 1.995			Set at 1479'			Perforations			То			
Type Completion (I Single (gas)			escribe)			e Fluid altwat	d Production	on				Pump Unit or Traveling Plunge				er? 🥝 / No		
	g Thru	(An	nulus / Tubir	ıg)		% C	arbon Diox	xide		-	% Niti		1	"	Gas Gr	avity - (	3 <sub>0</sub>	
Tubing Vertical D	Pepth(l	H)					Pre	ssure T	aps						(Meter I	Run) (P	rover) Size	
Pressure	Builde	ıb:	Shut in 2/6	6	20_13	at_2:	30	_ (AM)	(PM)	Taken			2	0	at	(	(AM) (PM)	
Well on L	Well on Line:		Started 2/7	20_13	10 2:20			(AM) (PM) Taken						at (AM) (PM)				
							OBSERV	ED SU	RFACE	DATA				Dura	ition of Shut-	<sub>in</sub> _25	Hours	
Static / Dynamic Property	Dynamic Size		Circle one:  Meter  Prover Press  psig (Pm)	Differenti in	Tempe	Flowing Well Hear emperature Temperatu		I Wallhood Proceura			Tubing  Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$ psig psia			,	Duration L (Hours)		d Produced Barrels)	
Shut-In								104		рыа	ры	9	рыа					
Flow																		
r · · · · ·				<del> </del>	- 1		FLOW ST	REAM	ATTRI	BUTES		<u> </u>		<del>1</del>				
Coeffiec (F <sub>b</sub> ) (F	Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  over Pressure  psia	Press Extensio ✓ P <sub>m</sub> x		Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>ft</sub>		Fa	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)		GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
					(OPE	N FLO	DW) (DELI	VERAE	SILITY)	CALCUL	.ATION	s			(D.)	²= 0.2	07	
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup>	=:		P <sub>d</sub> = .		_%	(P	<sub>c</sub> - 14.4) +	14.4 =		<u> </u> :		(P <sub>d</sub> )			
(P <sub>e</sub> ) <sup>2</sup> - (I or (P <sub>e</sub> ) <sup>2</sup> - (I		(F	P <sub>c</sub> )²- (P <sub>w</sub> )²	1. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -	to	OG of rmula or 2. I divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		Slop  Ass	ssure Curve le = "n" or signed ard Slope		x LO	G [		Antilog	Del Equals	pen Flow iverability i R x Antilog (Mcfd)	
									. <u>.</u>					<u> </u>				
Open Flo	w			Mcfd @	14.65 psi	a		Del	iverabi	ility				Mcfd	@ 14.65 psi	a .		
		_	•	on behalf of t said report is t	•	-			•					ort an	d that he ha		ledge of 20	
the facts s	ilaicu	.,,,,,	in, and that	and report is	, oc ana (	.011001	i. Excedic				uay or				K		WICHIT	
			Witness	(if any)			<del></del>		_				, Fo	r Compar	ıy <sup>*</sup>		3 1 2013	
			For Com	mission					_			, , , ,	Ci	ecked by			CEIVED	

	eclare 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
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	oment installation and/or upon type of completion or upon use being made of the gas well herein named. Preby request a one-year exemption from open flow testing for the Raile 42-6
	Il 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
l fu	rther 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: _	12/27/2013
	Signature: Chery 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. **We carry that** signed and dated on the front side as though it was a verified report of annual test results.

DEC 3 1 2013