KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instru	ctions on Re	verse Side)					
	en Flov liverabi				Test Date) :				Na. 15 23-20978-00	-00			
Company Noble Energy Inc				Lease Rueb Farm				23-16	Well Number 23-16					
County Location Cheyenne NE-SW				Section 16			TWP 3S		RNG (E/W) 42W		Acres Attributed			
Field Cherry C	Creek	_			Reservoir Niobrara		·		Gas Gath Kinder N	ering Connec	tion		<u> </u>	
Completio 4/21/200		•		<u></u>	Plug Bac	k Total De	pth	-· · ·· ···	Packer Se					
Casing Size 7", 4-1/2"			Weight 17#, 10).5#	Internal Diameter 9-7/8", 6-1/4"			Set at 320', 1741'		Perforations 1534'		To 1576'		
Tubing Size 2-3/8"			Weight	Internal Diameter			Set at		Perforations		То			
Type Completion (Describe) Single (gas)				d Producti	on		Pump Unit or Traveling Plung Yes		Plunger? Yes	s / No				
Producing		(Anr	nulus / Tubing)			arbon Dio	xide		% Nitroge	en	Gas (Gravity -	G,	
Tubing Vertical D	Pepth(H)				Pre	essure Taps				(Mete	r Run) (F	rover) Size	
Proceuro	Puildur		Shut in 6/6	2	0 11 1	0:30	(D) (D) (Talvas						
Pressure Buildup: Well on Line:					11 1:20		_	_		20				
-				···- •		OBSERV	ED SURFAC				Ouration of Shu			
Static / Oynamic Property	Dynamic Size		Circle one: Meter Prover Pressure	L .	Flowing Well Temperature Tempe		ead Casing		Tubing Wellhead Pressure (P ₊) or (P ₊) or (P ₊)		Ouration (Hours)	Liqu	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0		ļ	168	pŝia	palg	peia	 			
Flow			-,					-						
						FLOW ST	TREAM ATT	RIBUTES						
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressura psia		Press Extension Pmxh	Pactor		Flowing Temperature Factor F _{it}		viation actor F _{gv}	Metered Flow R (Mcfd)	GO (Cubic Barro	Feel/	Flowing Fluid Gravity G	
(P _e) ² =		<u> </u>	(P _w) ² =_	:	(OPEN FL		IVERABILIT	() CALCUI P _e - 14.4) -		:		(a) ² = 0.	207	
(P _a) ² - (P _a) ² or (P _a) ² - (P _a) ²		(P _e)* - (P _w)*		1. P ² -P ² 2. P ² -P ² ded by: P ² -P ² bose formula 1. or 2. and divide by:		Backpressure C Slope = "n"or Assigned Standard Slop		ope = "n" or ssigned	0.7.106		Antilog	Open Fi Deliverat Equals R x (Mctd		
Open Flo) W			Mcfd @ 14.	65 ngia		Delivera	hilihe			Aniel (A. 14 pp.	:-		
		длес	d authority, on			states that			to make th		Acfd @ 14.65		wledge of	
			in, and that sai		and correc		ed this the		_	ecember			, 20 11 .	
			Witness (if a	any)	J	AN 17	2012	(<u> Kei</u>	y your	ompany	<u> </u>	•	
	·		For Cammis	sion	KC	C WI	CHITA			Chec	ked by			

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and that the foreg	going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Rueb Farm 23-16
	ounds that said well:
(Check	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 at to supply to the best of my ability any and all supporting documents deemed by Commission
	y to corroborate this claim for exemption from testing.
Date: 12/27/2011	
	Signature: Cheyl Johnson
	Title: Regulatory Analyst II

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.

RECEIVED

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 JAN 1 7 2012 signed and dated on the front side as though it was a verified report of annual test results.

KCC WICHITA