KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:			(See Instruct	ions on Rev	rerse Side	:)				
o	pen Flo	w										
De	eliverat	ilty		Test Date	9 :				No. 15 023-21225-0	0-00		
Company Noble Energy Inc			Lease Wiese						Well Number			
County Location Cheyenne SE-NE-SW-SW			Section TWP 5 4S				RNG (E/ 41W	W)	f	Acres Attributed		
Field Cherry Creek				Reservoir Niobrara			Gas Gathering Connection Southern Star/Kinder Morgan					
Completion Date 9/16/2010			Plug Back Total Depth 1589'				Packer S		<u> </u>			
Casing Size Weight 7", 4-1/2" 23#, 11.6#			Internal Diameter 9-7/8", 6-1/4"		Set at 221, 1632'		Perforations 1422'		то 1472'			
	ubing Size Weight		ht	Internal Diameter 1.995		Set at		Perforations		То		
Type Completion (Describe)				Type Flui	Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? Yes / No			
	Single (gas) Producing Thru (Annulus / Tubing)				% Carbon Dioxide				Yes % Nitrogen		Gas Gravity - G	
Tubing Vertical E					Proce	sure Taps				() 1-1 5	•	
	- 					•					Run) (Prover)	
Pressure	Buildu	p: Shut in <u>9/</u> 2	28 2	11 at 1	2:00	(AM) (PM)	Taken		20	at	(AM) (PM)
Well on L	_ine:	Started 9/2	<u>9</u> 2	0 <u>11</u> at <u>1</u>	2:00	(AM) (PM)	Taken	· - · ·	20	at	(AM) (PM)
					OBSERVE	D SURFACE	E DATA			Duration of Shut-	in <u>24</u>	_ Hours
Static / Orific Oynamic Size Property (inches		Brover Press		Flowing Temperature t	Well Head Temperature I	ture Wellhead Pressure (P _x) or (P _t) or (P _c)		Tubing Wellhead Pressure (P ₊) or (P,) or (P _a)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		parg (t m)	manus 1720			psig 105	Daro	psig	psia			
Flow							·					
					FLOW STR	EAM ATTR	BUTES					
Plate Coeffied (F _a) (P Mefo	cient ;)	Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fac F	tor T	Flowing femperature Factor F _{rt}	Fa	viation actor F _p ,	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	ev/ F	owing luid ravity G
							<u> </u>					
(P _a)² =		_: (P ₊)²:	= :	(OPEN FL	OW) (DELIV) CALCUI 2 - 14.4) -			(P _a)	² = 0.207	
(P _c) ² - (or (P _a) ² - ((P_)2	(P _e)² - (P _a)²	1. P ² -P ² 2. P ² -P ²	LOG of formula 1, or 2, and divide	P.2. P.2	Backpre: Slop Asi	ssure Curve be = "n" or signed ard Slope	9 0 7	rog	Antilog	Open Fi Deliverati Equals R x	oility Antilog
			divided by: P2 - P	2 by:	<u>-</u>	Starto			_		(Melo	
							·			<u>, </u>	 	
Open Flo	w	Mcfd 14.65 psia				Deliverab	Deliverability Mcfd @ 14.65 psia			ia		
		igned authority, o		e and correc	t. Executed	this the 28			ne above repo	rt and that he ha	as knowledge	
		Witness	(If any)		RECEIVI			ery	Ford	Compeny Compeny		
		For Com	mission	J	AN 17	2012 -			Chec	iked by	 _	

KCC WICHITA

l de	eclare 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 tha	at 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 equip	oment installation and/or upon type of completion or upon use being made of the gas well herein named.							
l he	reby request a one-year exemption from open flow testing for theWiese 14-5							
gas we	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							
	is the capable of producing at a daily fate in excess of 250 file/i/D							
l fu	rther 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: 1	2/28/2011							
	Signature: Cheuf bluson							
	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.

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
JAN 1 7 2012

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