KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Tuno Tost					A-1-1-1	See Instr		ons on Reve	orea Cida	.)				•			
Type Test:	: en Flow				(១៩៩ អា ទ វើប	ucti	ons on Heve	5138 3IGB	7							
Deliverability					Test Date:					API No. 15 15-023-21232-00-00							
Company	,							Lease		- 10	7-023-	2 1232-0	70-00		Vell No	umber	
Noble Energy Inc							Wiese					4	44-5				
County Location Cheyenne NW-NW-SE-SE				Section 5			TWP 4S	RNG (E/W) 41W				Acres Attributed					
Field Cherry Creek				Reservoir Niobrara				Gas Gathering Connection Southern Star/ Kinder Morgan				n					
Completion Date 9/20/2010				Plug Back Total Depth 1541'			n	Packer Se			t						
Casing Size Weight 7", 4-1/2" 20#, 11.6#				Internal Diameter 9-7/8", 6-1/4"			Set at 220',	Perforations 1363'				то 1408'					
Tubing Size Weight 2-3/8" 4.7#				Internal Diameter 1.995			Set at		Perforations				То				
				Type Flui	Type Fluid Production Saltwater					Pump Unit or Traveling Pl			llunger? Yes / No				
		Annulus /	Tubing)			Carbon Dic	oxic	Je		% Nitro	gen	······································	G	as Gra	vity -	G,	
Tubing Vertical D	epth(H)					Pre	ess	ure Taps					(1	Meter F	Run) (F	Prover) Size	
D-4	D83	Oh	6/11		13 _{at} 1	2:00		(414)								/ALA: /5.5	
Pressure	•	Shut in Started			13 3.10			(AM) (PM) 1					at (AM) (PM at (AM) (PM				
Well on Li	nie:	Siarted		20	, at		_	(AIVI) (PM)	14KHI!			20	11	············			
· · · · · · · · · · · · · · · · · · ·		1 -				OBSER	VE	SURFACE		1			Duration o	f Shut-i	<u>n 27</u>	Hour	
Static / Dynamic Property	Orifice Size (inches	Meler Prover Pressure		1	Flowing Temperature 1	Well Head Temperature		Casing Wellhead Pressure (P_w) or (P_c) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_i) or (P_c)		essure	Duration (Hours)		Liquid Produced (Barrels)		
Shut-In				Inches H ₂ 0				psig	psia	psig		psia					
	•							86			\dashv			······	-		
Flow						EL 0041 C	T10	EARA ATTOU		L					<u> </u>		
Plate	T	Circle one:	· T	D) H.I	EAM ATTRIE			1		······································			Flowing	
Coeffictient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Extension F.		ivity i		emperature Fa		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Feeti Barrel)		et/	Fluid Gravity G _m		
											<u> </u>						
					(OPEN FL	OW) (DEL	.IVE	ERABILITY)	CALCUL	ATIONS	;			(P_) ²	= 0.2	207	
(P _c) ² =	· · · · · ·	: (1	P)2 =	:	P _d =		%	(P _c	- 14.4) +	14.4 = _		:		(P _d) ²			
$(P_c)^2 - (F_c)^2 - (F_c$	î	(P _c) ² - (P _w) ²		hoose formula 1 or 2: 1. $P_c^2 - P_a^2$ LOG formula 2. $P_c^2 - P_d^2$ and divivided by: $P_c^2 - P_a^2$ by:				Backpressure Curve Slope = "n" 		n x 100			Antilo	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	w			Mcfd @ 14.6	55 psia			Deliverabil	ity				Mcfd @ 14	.65 psi	a		
The c	undersigi	ned autho	rity, on I	behalf of the	Company, s	states that	t he	e is duly aut	horized to	o make	the at	ove repo	rt and that	he ha	s knov	wledge of	
ne facts st	tated the	rein, and I	that said	l report is true	and correc	t. Execut	ed	this the 5		day of _	July	······································				20 13	
																KCC \	
		W	itness (if a	ny)			•	_				For C	Company	······			
		Fo	or Commiss	ion			-					Che	cked by			JUL	
																RE	

	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
	the foregoing pressure information and statements contained on this application form are true and
	o 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. reby request a one-year exemption from open flow testing for the Wiese #44-5
	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 fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissic
staff as	necessary to corroborate this claim for exemption from testing.
Date: <u>_7</u>	/5/2013
	Signature: <u>Vulle Webb</u>
	Title: Regulatory Analyst

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.

KCC WICHITA

JUL 1 1 2013