KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	l:				(See Instruct	tions on Ret	verse Side)					
= '	en Flow				Test Date	3 :				No. 15 23-20979 - 0	0-00			
Company Noble Energy Inc							Lease Rueb Fa	Lease Rueb Farm			Well Number 13-16			
County Cheyenne			Location NWSW			Section 16		TWP 3S		RNG (E/W) 42W		Acres Attributed		
Field Cherry C	Creek					Reservoir Niobrara				as Gathering Connection Kinder Morgan		-		
Completic 4/7/2008)				Plug Back Total Depth 1724'		Packer Set at		et at				
Casing S 7", 4-1/2			Weight 17#, 10.5#			Internal Diameter 9-7/8", 6-1/4"		Set at 320', 1766'		Perforations 1540'		то 1580'		
Tubing Size 2-3/8"			Weight 4.7#			Internal Diameter 1.995		Set at		Perforations		To		
Type Con Single ((Describ	e)			d Production	n		Pump Uni Yes	t or Traveling	Plunger? Yes	/ No		
Producing Tubing		(Annulus	/ Tubing)			arbon Dioxi	de	· · · · · · · · · · · · · · · · · · ·	% Nitroge	ın	Gas Gr	avity - C	3,	
Vertical Depth(H))				Pres	sure Taps	е Тарѕ				(Meter Run) (Prover) Size		
Pressure	Buildup	: Shut	6/2	2	0 11 at 1	1:30	(AM) (PM)	Taken		20	at		ANAL (DAA)	
Well on Line:			tarted 6/3 20			11 3:30		_		20 _				
				···		OBSERVE	D SURFACI	E DATA			Duration of Shut-	_{in} 28	Hours	
Static / Dynamic Property	Orific Size (inche	e Prove	rcle one: Meter Ir Pressure Ig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature I	Well Head Temperature t	Cas Wellhead (P,) o (P	Pressure () or (P _a)	Wellhea (P _a) or	ibing d Pressure (P,) or (P _e)	Ouration (Hours)	Liqui	Liquid Produced (Barrels)	
Shul-In				mendo rigo		<u> </u>	psig 164	psia	psiq	OSIA		 -		
Flow														
						FLOW STR	EAM ATTR	IBUTES						
Plate Coefficient (F _p) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	tension Fact		tor Temperature		riation actor F _p ,	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G	
(P _c) ² =		:	(P _w) ² =	: ase formula 1 or 2	P ₄ =		ERABILITY) CALCUI 2 - 14.4) +		· · · · · · · · · · · · · · · · · · ·	(P ₄)	² = 0.2	07	
(P _a) ² · (F or (P _a) ³ - (F	-	(P _e) ² - (F	2,)2	1, P ₂ -P ₂ ? 2, P ₂ -P ₂ ? sed by: P ₂ -P ₂ ;	LOG of formula 1. or 2. and divide	P.2. P.2	Slop	ssure Curve De = 'n" - or signed ard Slope	0.1	og []	Antilog	Del Equals	pen Flow iverability R x Antilog (Mcfd)	
Open Flor	w			Mcfd © 14.	65 psia		Deliverab	ility			Mcfd © 14.65 ps	ia		
The c	undersig				Company, s		e is duly au	uthorized	day of De	e above repo	rt and that he ha	as know	eledge of 20 11 .	
			Witness (ii an	y)		JAN 1	7 2012		enj	For	Company	<u>~</u>		
			For Commissi	cn	K	CC WI	CHITA			Chai	cked by			

Ιc	declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request								
exemp	ot status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc								
and th	at the foregoing pressure information and statements contained on this application form are true and								
correc	t to the best of my knowledge and belief based upon available production summaries and lease records								
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.									
Ιh	ereby request a one-year exemption from open flow testing for the Rueb Farm 13-16								
gas w	ell 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								
	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissic s necessary to corroborate this claim for exemption from testing.								
olan a	s necessary to corroborate this claim for exemption from testing.								
Data	12/27/2011								
Jaie									
	Signature: Cheuf Holison								
	Title: Regulatory Analyst II								
	HIGE: Troductory Vilaryst 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
JAN 1 7 2012
KCC WICHITA

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.