KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	i:					(See Instructi	ions on Re	verse Side	9)				,	
Open Flow Deliverabilty				Test Date:			<u> </u>	API No. 15 15-023-21004-00-00							
Company Noble Energy Inc				Lease Feikert			·				Well Number 22-1				
County Locat Cheyenne NW-SE					V	Section 1		TWP 4S	· · ·		RNG (E/W) 42W		Acres Attributed		
Field Cherry Creek							Reservoir Niobrara			Gas Gathering Connection South Star/Kinder Morga					
Completion Date 6/16/2008						Plug Bac 1598'	Plug Back Total Depth 1598'				Packer Set at				
Casing Size 7", 4 1/2"			Weight 17#, 11.6#			Internal Diameter 9 7/8", 6 1/4"		Set at 273', 1639'		Perforations 1457'		To 149	то 1494'		
Tubing Si 2 3/8"	ize		Weight 4.7#			Internal Diameter 1.995		Set åt 1514'		Perforations		То	То		
Type Completion (Describe) Single (gas)				Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? yes			Yes / No				
Producing Thru (Annulus / Tubing) Tubing				% Carbon Dioxide				% Nitrogen G			Gas Gravity - G _g				
Vertical Depth(H)				Pressure Taps					······	(Met	er Run) (P	rover) Size			
Pressure	Buildu	p: :	Shut in11	/14	2	0_13_at_9	:00	(AM) (PM)	Taken		20	at		(AM) (PM)	
Well on L	ine:	;	Started 11/	15	20	13 at 9	:00	(PM)	Taken		20	at		(AM) (PM)	
				,			OBSERVE	D SURFAC	E DATA			Duration of St	1ut-in_24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₀ 0	Flowing Well Head Temperature Temperatu		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liqu	Liquid Produced (Barrels)	
Shut-In								184	poiu	Poly	poss				
Flow						_									
							FLOW STR	EAM ATTR	IBUTES					т	
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Extension Pmxh	Gravity Factor F _g		emperature F.		riviation Metered Flow factor R F _{pv} (Mcfd)		(Cubic	OR Feet/ rrel)	Flowing Fluid Gravity G _m	
(P _c) ² =		_:	(Pູ)² :	=	:	(OPEN FLO	OW) (DELIV		•	_ATIONS + 14.4 =	<u> </u>		$(P_a)^2 = 0.2$ $(P_d)^2 = $	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F			P _c ² - P _d ² P _c ² - P _d ² D _c ² - P _d ² D _c ² - P _d ²	LOG of formula 1, or 2.	LOG of formula 1, or 2. and divide P2.P2		Backpressure Curv Slope = "n" or Assigned Standard Slope		og [Antilog	O De Equal:	pen Flow liverability s R x Antilog (Mcfd)	
Open Flo	w			<u> </u>	Mcfd @ 14.	65 psia		Deliverat	oility		<u></u>	Mcfd @ 14.65	psia		
		_	•				states that h	•			•	ort and that he		vledge of	
			ori sariai friat c			. 4,14 00,100				, ·· <u>-</u>		ŀ		VICHITA	
			Witness	(if any)				-			Fore	Company	JAN 0	2 2014	
			For Com	nission	ı			•			Che	cked by	DE/	CEIVED.	

I declare 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 that 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 equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Feikert 22-1
(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 I further 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: 12/27/13 Signature: Cherry 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.
signed and dated on the front side as though it was a verified report of annual test results.

JAN 02 2014

RECEIVED