KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test:	:			(-	See insi	ructions on He	everse Side	,				
	en Flow liverabilt	V		Test Date) :				No. 15 023-20889-0	0-00		
Company Noble Energy Inc.					Lease Lampe				15-023-20889-00-00 Well Number 23-28			
County Location Cheyenne NESW				Section 28		TWP 3S	TWP		W)		Acres Attributed	
Field Cherry Creek Niobrara Gas Area				Reservoir					thering Conne Morgan via L	ction ampe Compre	ssor RECEIV	
Completion Date 6/19/2008				Plug Bac 1610'	k Total I	Depth		Packer Set at n/a			DEC 05	
Casing Size Weight 7", 4-1/2" 17#, 11.6#			Internal D 9-7/8",			Set at Per 278', 1652' 14		rations 1'	то 1470'	DEC 0.5 KCC WICH		
Tubing Size Weight 2-38" 4.7#			Internal D 1.995"	Diamete		Set at 1494'		rations	То	-100 AAICL		
Type Completion (Describe) Single (gas)				Type Fluid Production saltwater				Pump Unit or Traveling Plunger? Yes / No YeS				
Producing ubing	j Thru (/	Annulus / Tubin	ng)	% C	% Carbon Dioxide				% Nitrogen G		avity - G _g	
Vertical Depth(H)				Pressure Taps						(Meter I	Run) (Prover) Size	
ressure	Buildup:			12 at 2		(AM) (PM	Taken				(AM) (PM)	
Well on L	ine:	Started 6/2	20 2	12 at 3	. 10	(AM) (PM	Taken		20	at	(AM) (PM)	
				,	OBSE	RVED SURFA	CE DATA			Duration of Shut-	in 24.5 Hours	
Static / Orifice Dynamic Size Property (inches)		Meter Prover Press	Differential in	Flowing Well Head Temperature Temperatur		wellhea (P _w) or	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing ead Pressure or (P _t) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						89	poni	psig	pod			
Flow												
	T		1		FLOW	STREAM ATT	RIBUTES		<u> </u>			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Gravity Factor F _g		Flowing Temperature Factor F _{ft}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	y GOR (Cubic Fe Barrel)	l Gravity	
				(OPEN EI	OW) (D	ELIVERABILIT	Y) CALCIII	ATIONS				
P _c) ² =		: (P _w) ²	=;	P _d =			(P _c - 14.4) +		·	(P _a)	1 ² = 0.207 1 ² =	
(P _c) ² - (l or (P _c) ² · (l		(P _c) ² - (P _w) ²	Choose formula 1 or a^2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P.2 - P	Si Si	ressure Curve lope = "n" or Assigned ndard Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
					·							
Open Flow Mcfd @ 14.65 psia						Deliver	Deliverability A				// // // // // // // // // // // // //	
	-		on behalf of the							ort and that he ha		
		Witness	(if any)						For	Company		

exempt status under Ru and that the foregoing correct to the best of m of equipment installatio I hereby request a c gas well on the grounds	nalty of perjury under the laws of the state of Kansas that I am authorized to request ale K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc. pressure information and statements contained on this application form are true and y knowledge and belief based upon available production summaries and lease records an and/or upon type of completion or upon use being made of the gas well herein named. One-year exemption from open flow testing for the Lampe 23-28 as that said well:
is cy is a is or	coalbed methane producer voled on plunger lift due to water source of natural gas for injection into an oil reservoir undergoing ER in vacuum at the present time; KCC approval Docket No. ot capable of producing at a daily rate in excess of 250 mcf/D
	upply to the best of my ability any and all supporting documents deemed by Commission orroborate this claim for exemption from testing.
Date: 11/30/2012	
	Signature: 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.