RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	en Flo				(e	See Instruct	ions on Rev	verse Side	,	No. 15			
∐ De	liverab	ilty						······································	15-	023-21003-0	10-00		
Company Noble Energy Inc						Lease Feikert			Well Number 21-1				mber
County Cheyenr	County Location Cheyenne SW-NE-NW			Section 1		TWP 4S		RNG (E/W) 42W			Acres Attributed		
Field Cherry Creek				Reservoir Niobrara						thering Conne Star/Kinder N			
Completion Date 6/16/2008				Plug Back Total Dep 1615'			h		Packer S	Set at			
Casing Size 7", 4 1/2"			Weight 17#, 11.6#		Internal Diameter 9 7/8", 6 1/4"		Set at 265', 1649'		Perforations 1472'		то 1508'		
Tubing Si 2 3/8"	Tubing Size 2 3/8"			Weight 4.7#		Internal Diameter 1.995		Set at 1522'		Perforations			
	Type Completion (Describe) Single (gas)				Type Flui Saltwa	d Production ter	1		Pump Unit or Travelin yes		g Plunger? Yes / No		
Producing Thru (Annulus / Tubing) Tubing					% Carbon Dioxide			% Nitrog	gen	Gas G	Gas Gravity - G		
Vertical D	epth(H	H)				Press	sure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildu	ıp:	Shut in 6/1	<u> </u> 2	0_13_at_3	:30	(AM) (PM)	Taken		20	at	((AM) (PM)
Well on L	ine:		Started 6/12	2	0 <u>13</u> at <u>3</u>	:30	(AM) (PM)	Taken		20	at	((AM) (PM)
			1			OBSERVE	D SURFAC	E DATA			Duration of Shut	-in_24	Hours
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Well Heat Temperature t		I Wellhead Pressure		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia				d Produced Barrels)
Shut-In							180						
Flow													
					<u> </u>	FLOW STR	EAM ATTR	IBUTES		<u> </u>			1
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fac F	tor 1	Temperature F		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
											·		
(P _c) ² =			(P _w) ² =		•	OW) (DELIV) CALCUI _c - 14.4) 4) ² = 0.2	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 + (P_d)^2$			P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide		Backpressure Curve Slope = "n" or Assigned Standard Slope		e n x	ГЪ	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	n Flow Mcfd @ 14.65 psia				Deliverat	ility ·		Mcfd @ 14.65 psia					
		igne	d authority, or			states that h			to make t	······································	rt and that he h		ledge of
		-	•	id report is true			•			•			20 13
			Witness (ii	any)	······		-			For C	Company	CC V	VICHIT
			For Comm				-			Chec	cked by	EC 3	1 2013

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.

DEC 3 1 2013