KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				6	See Instruc	tions on Re	verse Side)				
Open Flow Deliverabilty										API No. 15 15-023-20867-00-00			
Company Noble Energy Inc				Lease Lampe				31-3			Well Number		
County Cheyenne			Locatio NWNE	n	Section 34		TWP 3S		RNG (E/W) 41W		Acres Attribute		Attributed
Field Cherry Creek						Reservoir Niobrara			Gas Gathering Connection Southern Star/ Kinder Morgan				
Completion Date 2/8/2008				Plug Back Total De 1488'			th	Packer Set at					
Casing Size 7", 4-1/2"			Weight 17#, 1		Internal Diameter 9-7/8",6-1/4"		Set at 231',1531'		Perforations 1362'		то 1401'		
Tubing Size 2-3/8"			Weight		Internal Diameter 1.995		Set at 1424 '		Perforations		То		
Type Con Single (n (De	escribe)		Type Flui Saltwa	d Productio	I		Pump Un	Plunger? Yes	? Yes / No		
roducing	g Thru	(Anr	nulus / Tubing)	% C	arbon Diox	de		% Nitrogen		Gas Gravity - G _g		
Vertical Depth(H)					Pressure Taps						(Meter I	Run) (F	Prover) Size
 ressure	Buildu	ıp:	Shut in _6/17	, 2	0_13_at_1	:00	(AM) (PM)	Taken		20	at		(AM) (PM)
Vell on L		•	Started 6/18		0 13 at 3		> <				at		
	,					OBSERVE	D SURFAC	E DATA			Duration of Shut-	_{in} 26	.75 Hours
Static / Orifice Dynamic Size Property (inches)		e	Circle one: Meter Prover Pressuit psig (Pm)	Pressure Differential in Inches H ₃ 0	Flowing Well Head Temperature t		(P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-in							psig 81	psia	psig	psia			
Flow													
					-	FLOW STI	REAM ATTR	IBUTES					
Plate Coefficcient (F _b) (F _p)		Pro	Circle one: Meter or over Pressure psia	Press Extension	Extension Fac		Flowing Temperature Factor F _{II}	Deviation Factor F _{pv}		Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
P _c)² =		;	(P _w) ² =	:	•		/ERABILITY % (F) CALCUL P _c - 14.4) +		:	•	² = 0.2	
			$(P_c)^2 - (P_w)^2$ Choose formula 1 1. $P_c^2 - P_u$ 2. $P_c^2 - P_u$ divided by: P_c^2		LOG of formula		Backpressure Curve Slope = "n" or				Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo				Mcfd @ 14.	 		Deliverab			-	Mcfd @ 14.65 psi		
											ort and that he ha		_
			Witness (if	any)						For	Company	KC	C WICI
For Commission							-		Checked by				JL 11 20
													RECEIVE

	eclare 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 tha	t 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								
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.								
The	ereby request a one-year exemption from open flow testing for the Lampe 31-34								
gas we	ll on the grounds that said well:								
	(Charle and)								
(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 fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissio								
staff as	necessary to corroborate this claim for exemption from testing.								
Date:	7/5/2013								
	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 formation signed and dated on the front side as though it was a verified report of annual test results.

JUL 1 1 2013 RECEIVED