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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	;				(See Instruct	ions on Reve	erse Side)			
Ор	en Flov	w			Test Date	s·			API N	lo 15		
De	liverabi	ilty			iesi Dale	.				23-20851 - 0	00-00	
Company Noble Er		Inc					Lease Lampe				11-33	Well Number
County Location				Section TWP				RNG (E/W) Acr			Acres Attributed	
Cheyenne NWNW Field				33 3S Reservoir				Gas Gathering Connection				
Cherry Creek				Niobrara				Southern Star/ Kinder Morgan				
Completion Date 1/23/2008				Plug Back Total Depth 1564				Packer Se	et at			
Casing Size Weight 7", 4 -1/2" 17#, 11.6#				Internal (9-7/8",		Set at 246', 1607 '		Perforations 1396'		то 1 438 '		
Tubing Size Weight 2-3/8" 4.7#			Internal [1.995	Diameter	Set at 1473'		Perforations		То			
Type Con	npletion	n (De				d Production			Pump Unit	t or Traveling	Plunger? Yes	/ No
Single (saltwater			yes			
Producing	g Thru	(Anr	nulus / Tubing	1)	% C	Carbon Dioxi	de		% Nitroge	n	Gas Gr	avity - G _g
Vertical D	epth(H	H)				Pres	sure Taps				(Meter	Run) (Prover) Size
Pressure	Buildu	p: :	Shut in6/1()2	13 _{at} 2	:30	(AM) (PM)	Taken		20	at	(AM) (PM)
Well on L	•				13 _{at} 4:00				20 .			
			T	1		OBSERVE	D SURFACE		T		Duration of Shut-	in 25.5 Hours
Static / Dynamic	Orifice Size (inches)		Circle one: Moter	Pressure Differential	Flowing Temperature t	Well Head	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Property			Prover Pressu psig (Pm)	re in Inches H ₂ 0		t						
Shut-In							80	F - 1				
Flow												
	L		<u> </u>			FLOW STR	REAM ATTRI	BUTES		1		<u> </u>
Coeffied (F _b) (F	Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Extension Fact		tor Temperature		Deviation Metered Factor R F _{pv} (Mcfr		v GOR (Cubic Fe Barrel)	Gravity
(P _c)² =		_:	(P _w) ² =	:			'ERABILITY) % (P	CALCUL - 14.4) +		:	(P _a)	y ² = 0.207 y ² =
$(P_c)^2 - (P_c)^2 - (P_c$		(F	P _c)² · (P _w)²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ olivided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2.	P.2. P.2	Slope 	sure Curve = "n" or	n x 16	og 📗	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo	NAV			Mcfd @ 14.	65 neia		Deliverabil	lity			Mcfd @ 14.65 ps	ia
· ·			المراجع المراجع المراجع المراجع			-1-1 13 · ·		· · · · · · · · · · · · · · · · · · ·	a saction it		· · · · · · · · · · · · · · · · · · ·	
		•	•				•			•	rt and that he ha	_
	tated t	herei	in, and that sa	aid report is true	and correc	t. Executed	this the		day of	τ.		, 20 <u>13</u>
ne racts s												
ne racts s			Witness (ii	f any)						For C	Company	KCC W

l d	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exemp	t status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and tha	at the foregoing pressure information and statements contained on this application form are true and
orrect	to the best of my knowledge and belief based upon available production summaries and lease records
of equi	pment 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 11-33
gas we	ll 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
l fe	irther agree to supply to the best of my ability any and all supporting documents deemed by Commiss
	s necessary to corroborate this claim for exemption from testing.
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Date:	7/5/2013
Juio	
	Signature: Juliu u elsb
	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.

KCC WICHITA

JUL 1 1 2013

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