KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			U 112		(See Instruct	ions on Reve	arse Side)			
= '	en Flo liverat				Test Date	: :				No. 15 023-20867-0	0-00	
Company Noble E		Inc					Lease Lampe				31-34	Vell Number
County Cheyenne			Location NW-NE		Section 34		TWP 3S		RNG (E/W) 41W		Acres Attributed	
Field Cherry (Creek				Reservoi Niobrara					hering Conne rn Star/Kinde		i
Completion 2/8/2008		te			Plug Bac 1488'	k Total Dept	h		Packer S	et at		
Casing S 7", 4-1/2			Weight 17#, 1		Internal [9-7/8",		Set at 231',	1531'	Perfo 136	rations 2'	To 1401'	
Tubing S: 2-3/8"	ize		Weight 4.7#		Internal (1.995	Diameter	Set at 1424		Perfo	rations	То	
Type Cor Single (n (D	escribe)		Type Flui Saltwa	d Production	1		Pump Ur Yes	nit or Traveling	Plunger? Yes	/ No
Producing Tubing	g Thru	(Anı	nulus / Tubing)	% C	Carbon Dioxid	de		% Nitrog	en	Gas Gra	vity - G _g
Vertical C	epth(l	H)				Press	sur e Tap s				(Meter R	un) (Prover) Size
Pressure	Buildu		Shut in3/22		0_11 at_1		(AM) (PM) 1	Taken		20	at	(AM) (PM)
Well on L	ine:		Started 3/23	2	0 <u>11</u> at <u>1</u>	:30	(AM) (PM) 1	Taken		20	at	(AM) (PM)
	1					OBSERVE	D SURFACE		Y		Duration of Shut-i	n 24 Hours
Static / Dynamic Property	Orif Siz (inch	:0	Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P _t) psig	ressure	Wellhe	ubing ad Pressure (P ₁) or (P _c) ps:a	Ouration (Hours)	Liquid Produced (Barrels)
Shut-In			-				80	poru		puid		
Flow				}		5 000 050						
Plate	,		Circle one:	Press	-		Flowing					Flowing
Coeffied (F _b) (F Mofd	ient ,)	Pro	Meter or ever Pressure psia	Extension P _m x h	Grav Fac F	tor T	emperature Factor F _{ri}	Fa	iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	ا جاسم ا
				,								
(0.12			(5.12		•	• •	ERABILITY)					= 0.207
(P _c) ² =		- :		noose formula 1 or 2	P _a =	<u>⁷</u>		- 14.4) + ture Curve		: 1	(P _d) ²	
(P _a) ² - (I or (P _c) ² - (I		(F	P _c) ² - (P _w) ²	1, P _e ² -P _e ² 2, P _e ² -P _e ² Wided by: P _e ² -P _e ²	LOG of formula 1. or 2. and divide by:	b.5 - b.5	Slope (Assi	ra "n" or gned rd Slope	l n x i	.og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
					ļ							
Open Flo	! w			Mcfd @ 14.	65 osia		Deliverabili	itv			Mcfd @ 14.65 psia	
		igned	d authority, on			states that he		-	o make th		t and that he has	
		_	•	id report is true						ecember		, 20
	-,- ₁₁ , · · ·		Witness (if	any)				K	cy	() () For C	Kusay ompany	RECEIVED
			For Commi	ssion		<u></u>	_			Chec	ked by	EC 2'8 2011

KCC WICHITA

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc					
	at the foregoing pressure information and statements contained on this application form are true and					
correc	t 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.					
I h	ereby request a one-year exemption from open flow testing for the Lampe 31-34					
gas we	ell 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	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissio					
staff a	s necessary to corroborate this claim for exemption from testing.					
Date: _	12/14/2011					
	and the same					
	Signature: Lengt Dhum					
	Title: Regulatory Analyst II					

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.

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DEC 2 8 2011 KCC WICHITA