KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			6	See Instruct	ions on Reve	rse Side))				
Open Flow			Test Date):				No. 15 023-21226-0	0-00		
Company Noble Energy	Inc				Lease Wiese				23-5	Veil Number	
County Cheyenne	Loca SE-NE	tion -NE-SW	Section 5		TWP 4S		RNG (E/ 41W	W)	F	cres Attributed	
Field Cherry Creek			Reservoir Niobrara			·		hering Conne rn Star/Kinde			
Completion Date 9/20/2010	9		Plug Baci 1467'	k Total Dept	h		Packer S			<u> </u>	
Casing Size 7", 4-1/2"			Internal Diameter 9-7/8", 6-1/4"		Set at 221', 1510'		Perforations 1324'		To 1384'	то 1384'	
Tubing Size			Internal E		Set at		Perforations		То		
Type Completion Single (gas)	(Describe)		Type Flui Saltwa	d Production ter	1		Pump Ur	nit or Traveling	Plunger? Yes	/ No	
Producing Thru Annulus	(Annulus / Tubir	ng)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	ivity - G _g	
Vertical Depth(H)			Pres	sure Taps				(Meter F	lun) (Prover) Size	
Pressure Buildup	o: Shut in 9/	19 20	11 at 1	2:00	(AM) (PM) T	aken		20	at	(AM) (PM)	
Well on Line:	Started 9/2	20 20	11 at 1	ว∙กก					at		
				OBSERVE	D SURFACE	DATA	-,-		Duration of Shut-	n <u>24</u> Hou	
Static / Orific Dynamic Size Property (inche	ize Meter Differential		Flowing Well Head Temperature		Casing Wellhead Pressure (P _w) or (P _c) psig psia		Tubing Welihead Pressure (P ₊) or (P ₁) or (P ₄)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-in					140	ума	Daity	psia		_	
Flow						_					
	Circle one:	<u> </u>	1	FLOW STR	EAM ATTRIE	UTES				 _	
Plate Coefficient (F _a) (F _p) Mcfd	Mater or Prover Pressure psia	Press Extension Pmxh	Grav Fact F	tor	Temperature F		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
		<u> </u>	100531.51								
(P _c) ² =	_: (P ₌)²		(OPEN FL)		ERABILITY) (Pa		LATIONS + 14.4 = _	:	(P _a) (P _d)	2 = 0.207 2 =	
$(P_a)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_g)^2$	(P _q) ² - (P _n) ²	1. P _a ² -P _a ² 2. P _c ² -P _c ² athland by: P _c ² -P _c ²	LOG of formula 1, or 2, and divide by:	P. 2 - P. 2	Assi	sure Curve = "n" gned d Slope	0.8	rod	Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)	
			<u> </u>		-						
Open Flow		Mcfd @ 14.6	55 psia		Deliverabil	lty			Mcfd @ 14.65 ps	a	
		on behalf of the said report is true				horized		ne above repo	rt and that he ha	s knowledge of	
	Witness	(it any)	<u></u>	JAN 1	7 2012 ^{<}	<u> </u>	eryl	10 for	impany impany		
	For Corr	urrussion	K	CC WI	CHITA			Che	sked by		

	leclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request of status under Rule K.A.R. 82-3-304 on behalf of the operator. Noble Energy Inc.
and th correc	at the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records ipment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the
gas we	ell on the grounds that said well:
	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
	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissi s necessary to corroborate this claim for exemption from testing.
Date: _	12/28/2011
	Signature: Clay blue

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.

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JAN 1 7 2012
KCC WICHITA

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.