KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		-		6	See Instruc	tions on Re	verse Side	<i>;)</i>						
	en Flo liverab				Test Date	::				No. 15 23-21028-0	0-00				
Company Noble Energy Inc						Lease Keller Farms							Well Number		
County Cheyenne			Locati W2-SE	 on -SW-SE	Section 7		TWP 2S			RNG (E/W) 38W		Acres Attributed			
Field Cherry Creek				Reservoir Niobrara			Gas Gatl Souther		ering Conne n Star	ection					
Completion Date 11/18/2008				Plug Bac 1343'	k Total Dep	th	Packer :		et at						
Casing Size 7", 4-1/2"		Weigh 17#, 1		Internal Diameter 9-7/8", 6-1/4"		Set at 211,1386'		Perforations 1205'		То 1243'					
Tubing Size			Weigh		Internal Diameter		Set at 1277'		Perforations		To		·		
2-3/8" Type Con	npletio	n (Di	4.7# escribe)		1.995 Type Flui	d Productio		<i>(</i> ·			Plunger? (Tes	•/ No			
Single ((gas)				Saltwa	ter			R	od Pu	mo				
Producing	g Thru	(Anı	nulus / Tubinç	3)	% 0	arbon Dioxi	ide		% Nitroge	n	Gas G	avity - (a _g		
Vertical D	Depth(F	⊣)		-		Pres	sure Taps				(Meter	Run) (P	rover) Size		
Proceuro	Builde	ID:	Shut in	2 2	13 _{at} 1	1:30	(PM)	Taken		20	at		(AM) (PM)		
Well on L		ιμ.	Started 12/3	3 2	0 13 at 1										
						OBSEDVE	D SURFAC	E DATA			Duration of Church	. 24	Maura		
Static /	Orif	ice	Circle one:	Pressure	Flowing	Well Head	Cas	ing	t .	ıbing	Duration of Shut	T	Hours		
Dynamic Property	Siz (inch	ze	Meter Prover Pressu psig (Pm)	Differential in Inches H ₂ 0	Temperature t	1	Wellhead Pressure Wellhead Pressure Dura		Duration (Hours)	i ' !					
Shut-In							142		, , , , , , , , , , , , , , , , , , , ,						
Flow															
						FLOW ST	REAM ATTR	IBUTES					 		
Plate Coeffied (F _b) (F Mofd	cient = _p)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xh	Grav Fac F	tor	Flowing Temperature Factor F _{1t} Deviation F _{pv} Metered Flow GOR (Cubic Fee (Mcfd) Barrel)		eet/	Flowing Fluid Gravity G _m					
<u> </u>					(OPEN EL	OW) (DELIX	/ERABILITY) CALCIII	ATIONS						
(P _c) ² =		_:	(P _w) ² =	::	•			•	+ 14.4 =	:) ² = 0.2			
(P _c) ² - (l or (P _c) ² - (l	(P_)²		P _c)2- (P _w)2	Choose formula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide	P _c ² - P _w ²	Slo As	ssure Curve pe = "n" - or signed lard Slope	n x t	og [Antilog	De Equal	pen Flow liverability s R x Antilog (Mcfd)		
				- c w	-										
Open Flo				Mcfd @ 14	.65 psia		Deliveral	oility			Mcfd @ 14.65 ps	ia ia			
		signe	d authority, o			states that I			to make th		ort and that he h		vledge of		
the facts s	stated	there	in, and that s	aid report is tru	e and correc	t. Executed	d this the 2	7	day of _De	ecember			20 13		
			LAR *	St and	••••		-			F		CC V	VICHITA		
			Witness (EC 3	1 2013		
			For Comm	#SSION						Che	cked by	REC	CEIVED		

I ded	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt s	status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and that	the foregoing pressure information and statements contained on this application form are true and
correct to	o the best of my knowledge and belief based upon available production summaries and lease records
of equipr	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l her	eby request a one-year exemption from open flow testing for the Keller Farms 34-7
gas well	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 fue	that agree to cupply to the heat of my shility any and all cupporting decuments deemed by Commissi
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
sian as i	necessary to corroborate this claim for exemption from testing.
Date: 12	2/27/13
Date	
	Signature: Cleyl Alisen
	Title: Completions Supervisor

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.

DEC 3 1 2013