Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

			For Con	nmission							Chec	ked by	REC	EIVED	
			Witness	s (if any)							For C	ompany D	EC 3	2013	
-														20 13 /ICHIT/	
		•						he is duly auted this the 27			•	rt and that he		•	
Open Flo					@ 14.6			Deliverabi				Mcfd @ 14.65			
	-			divided by: P	2 - P _w 2	and divide by:	<u> </u>	Standa	rd Slope		L			(Mcfd)	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1, P _c ² - 2, P _c ² -	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$		P _c ² -P _w ²	Backpressure Curve Stope = "n"		n x 10G		Antilog	De	Open Flow Deliverability Equals R x Antilog	
(P _c) ² =		_:	(P _w) ²	=		-	OW) (DELI	VERABILITY)		14.4 =	:		$(x^2)^2 = 0.5$		
Plate Coefficient (F _b) (F _p) Mcfd			Circle one: Meter or Prover Pressure psia		Press Extension P _m xh		FLOW ST	Temperature i		eviation Metered Flow factor R F _{pv} (Mcfd)		y GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
Flow												•••			
Shut-In								58			P ===				
Static / Dynamic Property	Dynamic Size		Circle one Meter Prover Pres psig (Pm	Differe sure in	ntial	Flowing Temperature t	Well Head Temperatur t	Casir Wellhead F	Casing Vellhead Pressure P _w) or (P _t) or (P _o)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration Liqui (Hours) (
							OBSERV	ED SURFACE				Duration of She	24		
Well on L		•	Started	/12		at 13						at			
Pressure	Ruilde	n. I	Shut in11	/11	20	13 at 10	0:00	(AM) (DM)	Takan			at		(AM) (DM)	
Vertical D		1)					Pre	ssure Taps				(Mete	ır Run) (F	rover) Size	
Producing Annulus	_	(Anr	nulus / Tubi	ng)		% C	arbon Dio	xide		% Nitroge			Gravity -	G,	
Type Con Single (n (De	escribe)		•	Type Flui Saltwa	d Production	on		Pump Uni	t or Traveling	Plunger? 🚾	š / No		
Tubing Size 2 3/8"			Weight 4.7#			Internal D 1.995	Diameter		Set at 1354'		Perforations		То		
Casing Size 7", 4-1/2"			Weight 17#, 11.6#			Internal D 9-7/8",		Set at 345', 1534'		Perforations 1291'		то 131	то 1315'		
Completion 6/1/2011		е				Plug Bacl 1494'	k Total De	pth		Packer Se	et at				
				Reservoir Niobrara			Gas Gath Kinder N	ection							
County Location Cheyenne SW-NE-NE-NW			Section 32	•	TWP 5S			RNG (E/W) 39W		Acres Attributed					
Noble E		Inc						Lease Rogers				21-3	Well N	umber	
De	liverab	ilty				Test Date); 				No. 15 123-21188-0	0-00			
	en Flo	w						chons on rievi	erse bide	,	No. 45				
Type Test	t:				•	6	See Instru	ctions on Revi	erse Side	•}					

exempt status un and that the fore correct to the bes of equipment inst	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc going pressure information and statements contained on this application form are true and of the first of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. The state of the gas well herein named and one-year exemption from open flow testing for the Rogers 21-32 rounds that said well:
(Chec	
Date: 12/27/201	

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. signed and dated on the front side as though it was a verified report of annual test results.

DEC 3 1 2013

RECEIVED