KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Rev	erse Side))			
	en Flo liverat				Test Date	9 :				No. 15 - 21205-00- 0	00	
Company Noble E		, Inc					Lease Keller F a	ırms			24-7	Well Number
County Cheyenr	ne		Location N2-NW-		Section 7		TWP 2S	***************************************	RNG (E/	W)		Acres Attributed
Field Cherry C	Creek	Niol	orara Gas A	ea	Reservoir Niobrara					hering Conne rn Star/Big T		ord Compressor
Completion 1/21/200		te			Plug Bac 1393'	k Total Dep	th		Packer S n/a	Set at		
Casing S 7", 4-1/2			Weight 17#, 9		Internal [9-7/8",		Set at 164' ,	1438'	Perfo 123	rations 2'	то 1272'	
Tubing Si 2-3/8"	ze		Weight 4.7#		Internal [1.995"	Diameter	Set at 1,285		Perfo	rations	То	
Type Con Single (escribe)		Type Flui Saltwa	d Production	n		Pump Ur No	nit or Traveling	Plunger? Yes	/ No
Producing Tubing	Thru	(Anı	nulus / Tubing)	% C	arbon Dioxi	ide		% Nitrog	en	Gas Gr	avity - G _g
Vertical D	epth(F	Ⅎ)				Pres	sure Taps				(Meter I	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in	·// 2	09 at		(AM) (PM)	 Taken		20	at	(AM) (PM)
Well on L	ine:		Started 2/4/	2	0 <u>09</u> at 1	:15	(AM)(PM)	Taken		20	at	(AM) (PM)
					,	OBSERVE	D SURFACE	DATA			Duration of Shut-	in 192 Hours
Static / Dynamic Property	Orifi Siz (inch	:ө	Circle one: Meter Prover Pressul psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P ₁)	ressure	Wellhe	ubing ad Pressure (P _i) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In							200					
Flow												
	- 1					FLOW STR	REAM ATTRIE	BUTES				
Plate Coeffieci (F _b) (F Mcfd	ent ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fact F _g	or 1	Flowing Temperature Factor F _{tt}	Fa	iation ctor r pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing et/ Fluid Gravity G_m
(P _c) ² =		•	(P _w) ² =_		(OPEN FLO	, ,	ERABILITY)	CALCUL - 14.4) +			(P _a) ² (P _d) ³	² = 0.207 ² =
(P _c) ² - (F		(F	P _c) ² - (P _w) ²	hoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P.2 - P.2	Backpress Slope	sure Curve = "n" or	n x l	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow	<u> </u>			Mcfd @ 14.	65 psia		Deliverabili	ty			Mcfd @ 14.65 psi	a
The u	ındersi	ignec	authority, on			tates that h			make-th	^	rt and that he ha	
		-	n, and that sai		and REC	EIVED	this the 9th		day of p	/ 1	RNA	20 09
			Witness (if	any)	730 -	1 6 200 WICH	 ITN		von	For C	ompathy	
			For Commis	sion	KCC	WICH	IIA –		-	Chec	ked by	

Ldeck	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	atus under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
	ne foregoing pressure information and statements contained on this application form are true and
correct to 1	the best of my knowledge and belief based upon available production summaries and lease records
	ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the Keller Farms 24-7
	n 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
I furth	er agree to supply to the best of my ability any and all supporting documents deemed by Commissio
	er agree to supply to the best of my ability any and all supporting documents deemed by Commissio cessary to corroborate this claim for exemption from testing.
staff as ne	ecessary to corroborate this claim for exemption from testing.
staff as ne	ecessary to corroborate this claim for exemption from testing.
	ecessary to corroborate this claim for exemption from testing.
staff as ne	ecessary to corroborate this claim for exemption from testing.

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.