KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Inst	ructi	ions on Reve	erse Side	e)							
= '	en Flo liverat				Test Date	e:					PI No 023	. 15 3-20756-0	00-00				
Company Noble Energy Inc						Lease Rueb Farm									Well Number 34-15		
				Section 15					RNG (E/W) 42W				Acres Attributed				
Field I				Reservoir	Reservoir				Gas Gathering Connection Kinder Morgan								
Completion Date					Plug Back Total Depth					Packer Set at					·····		
Casing Size Weight				Internal [Internal Diameter Set at				Perforations				то 1510'				
7", 4-1/2" 17#, 9.5# Tubing Size Weight			Internal (Internal Diameter Set at				1461' Perforations				To					
2-3/8" Type Con	•	n (D	4.7# escribe)		1.995 Type Flui		ction)			Jnit c	or Traveling	Plunge	r? Yes	/ No	· · ·	
Single (gas) Producing Thru (Annulus / Tubing)					Saltwater % Carbon Dioxide					Yes % Nitrogen				Gas Gravity - G			
Tubing Vertical D		-					15000	sure Taps			-						
vertical L	zepin(r	¬) 					1688	sure raps						(ivieter	run) (Pi	rover) Size	
Pressure	Buildu	•	Shut in	2	0 13 at 2			(AM) (PM) 1	aken			20	at		(AM) (PM)	
Well on L	ine:		Started 10/	24 20	13 at 2	:30		(AM) (PM) 1	aken			20	at		(AM) (PM)	
					-	OBSEF	RVE	D SURFACE	DATA				Duratio	n of Shut	-in_24	Hours	
Static / Dynamic Property	Dynamic Siz		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H _o 0	Flowing Well H Temperature Temper		rature Wellhead Pressure (P_w) or (P_t) or (P_c)			Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)				Duration Liqu (Hours)		d Produced Barrels)	
Shut-In			,	1		ļ <u></u>		psig 110	psia	psig	1	psia					
Flow										<u> </u>							
				i		FLOW S	STR	EAM ATTRIE	UTES		1						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Mater or Prover Pressure psia		Press Extension √ P _m xh	Fac	Gravity Factor F _o		Flowing Temperature Factor Fit		eviation Metered Floractor R F _{pv} (Mcfd)			w GOR (Cubic Fe Barrel)		eet/	Flowing Fluid Gravity G _m	
					(ODENLE)	<u> </u>			<u> </u>	47:01:0							
(P _c) ² =		_:	(P _w)² =	<u> </u>	-	OW) (DE		ERABILITY) % (P _c		LAHONS + 14.4 ≃_		;) ² = 0.2) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	1. P _c ² - P _a ² LOG of formula 2. P _c ² - P _d ² 1. or 2. and divide		p2.p2		cure Curve = "n" or gned d Slope	n x	x LOG		An	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
																	
								•									
Open Flor		iano	d authority o	Mcfd @ 14.	·····	etates the	at h	Deliverabil	-	to make	tha e			14.65 ps		ladao of	
		_	-	aid report is true				-				_	ii anu i			20 13	
														į	KCC	WICHI.	
			Witness (if any)			_					For C	Company		DEC	3 1 2013	
			For Comm	nission			_					Che	cked by		RE	CEIVED	

exempt status u and that the for correct to the be of equipment in	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request a nder Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc. egoing pressure information and statements contained on this application form are true and set of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named. Herein a one-year exemption from open flow testing for the Rueb Farm 34-15 grounds that said well:
l further ag	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 ree to supply to the best of my ability any and all supporting documents deemed by Commission ary to corroborate this claim for exemption from testing.
Date: 12/27/20	13
	Signature: Chery Johnson 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 and ater 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