KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					6	See Instruc	tions on Rev	erse Side)					
	en Flo liverat					Test Date	:				No. 15)23-21310-0	0-00			
Company Noble Energy Inc						Lease R. Zweygardt			. 				Well Number 34-32		
County Cheyenr	ne			ation	V-SE	Section 32		TWP 5S		RNG (E/ 39W	W)		Acres	Attributed	
Field Prairie S						Reservoir Niobrara			, ,	Gas Gati Kinder	hering Conne Morgan	ction			
Completic 6/6/2011		te				Plug Bac	k Total Dep	oth		Packer S	et at				
Casing S 7", 4-1/2				ight #, 11.	.6#	Internal D 9-7/8",		Set a 400'	t ,1534'	Perfo	rations	то 1358	·		
Tubing Si 2-3/8'				ight		Internal D		Set a		Perfo	rations	То			
Type Con Single (n (De	escribe)	••			d Productio	on	•	Pump Un Yes	it or Traveling	Plunger? Yes	No.		
Producing Tubing		(Anı	nulus / Tul	bing)		% C	arbon Diox	ride		% Nitrog	en		aravity -	G _g	
Vertical D	epth(l	- 1)	** 4				Pres	ssure Taps				(Meter	Run) (F	Prover) Size	
Pressure	Builde	ın,	Shut in	1/19	2	0 13 at 9:	:00	(AM) (PM)	Taken		20	at		(AM) (PM)	
Well on L			Started 1	1/20		13 at 9		\mathbf{C}				at			
							OBSERVI	ED SURFACE	DATA			Duration of Shu	ıt-in24	Hours	
Static / Dynamic Property	Orif Siz (Inch	e	Circle of Mete Prover Pre psig (P	r essure	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (P	Pressure) or (P _c)	Wellhe (P _w) or	ubing ad Pressure (P _t) or (P _c)	Duration (Hours)		id Produced (Barrels)	
Shut-In			poig (,	11.01.00 1120			psig 47	psia	psig	psia	 			
Flow															
							FLOW ST	REAM ATTR	BUTES						
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or over Pressur psia	'ө	Press Extension P _m xh	Grav Fac F _e	tor	Flowing Temperature Factor F _{ft}	Fa	iation ector pv	Metered Flow R (Mcfd)	GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
													·-···		
(P _c) ² =		:	(P _w)) ² =	:	-		VERABILITY)	CALCUL		:	,	$(a^2)^2 = 0.3$ $(a^2)^2 = 0.3$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$			(P _p) ² - (P _w) ²		ose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	LOG of formula 1. or 2. and divide P2. P2		Backpressure Curv. Slope = "n"		Log	Antilog	O De	open Flow eliverability is R x Antilog (Mcfd)	
			•											· · · · · · · · · · · · · · · · · · ·	
Open Flo	w				Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 p	sia		
		-	-									rt and that he I			
the facts s	tated	therei	in, and tha	at said	report is tru	e and correc	t. Execute	d this the 2	<u>′</u>	day of _D	ecember	K	CC I	NICHIT	
			Witne	ess (if an	у)			-			For C	ompany	DEC :	3 1 2013	
			For C	ommissi	on			-			Chec	ked by	RE	CEIVED	

and that	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 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.
l her	by request a one-year exemption from open flow testing for the R Zweygardt 34-32 n 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
	er agree to supply to the best of my ability any and all supporting documents deemed by Commissicessary to corroborate this claim for exemption from testing.
Date: _12	27/13
	Signature:

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