## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test						,	oee ms	structi	ons on Hev	erse side	<del>=</del> )						
	en Flo liverat					Test Date	э:					l No. 15 023-20949	-00-00				
Company Noble E		Inc					······································		Lease Zweygar	rdt	13.	023-20349	-00-00		Well Nun	nber	-
County Location Cheyenne NE-NW				n Section 6			TWP RNG (E 4S 41W			/W)		· · · · · · · · · · · · · · · · · · ·	Acres At		-		
Field				Reservoi					Gas Gathering Conne					RECEI	νE		
Cherry Creek Completion Date			Plug Bac	Plug Back Total Depth				Southern Star/Kinder Morgan Packer Set at			organ	DI	C 05	- 21			
2/27/2008 Casing Size Weight			1651'			Set at		Perforations		······································	То		٠ ١٨٧٠	_ <b> (</b> _			
7", 4-1/2" 17#,			10.5	#		9-7/8", 6-1/4"		293', 1693'		1492' Perforations			1531'		· AAIC	41	
Tubing Size Weig 2-3/8" 4.7#					1.995	Internal Diameter 1.995			Set at 1542'		orations		То				
Type Completion (Describe) Single (gas)			• •	Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? Yes Yes				/ No		•			
roducino			nulus / Tubir	ng)	•	% (	arbon I	Dioxio	ie		% Nitro	jen		Gas Gr	avity - G	9	<b></b>
ubing ertical D	epth(F	<del>-</del> 1)	······································				i	Press	ure Taps					(Meter	Run) (Pro	over) Size	-
ressure	Buildu	p:	Shut in	21		12 at 2			(AM) (PM)	Taken		20	0 6	at	(A	M) (PM)	-
Well on Line: Start		Started 2/2	<u>!/22</u> 20		0 12 at 2	12 at 2:45		(AM) (PM)	PM Taken		20		_ at (AM) (Pi		M) (PM)		
							OBSE	RVE	SURFACE	DATA			Durat	ion of Shut-	in_24.5	Hours	- s
Static / Orifice Dynamic Size Property (inches		e	Prover Pressur		Pressure Differential in	Flowing Temperature t	Well H		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		t	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	ı Ir	nches H <sub>2</sub> 0				psig 140	psia	psig	psia					
Flow				$\top$					170								1
				ſ		I	FLOW	STRI	EAM ATTRI	BUTES	<u> </u>				1		J
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> xh	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>t1</sub>		Fa	Deviation M Factor F <sub>pv</sub>		Metered Flow GO R (Cubic (Mcfd) Barr			Flowing Fluid Gravity G <sub>m</sub>	
										;							
. 12			(D. 12			•	. ,		ERABILITY)						<sup>2</sup> = 0.20		
<sub>c</sub> ) <sup>2</sup> =			(P <sub>w</sub> ) <sup>2</sup> :	Choose	formula 1 or 2			<u>%</u> ¬		sure Curve	14.4 = _	: :	<u> </u>	(P <sub>d</sub> )	2 =		7
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F			2. P <sup>2</sup> -P <sup>2</sup> 1.		LOG of formula 1. or 2. and divide by:		Slope = "n"oror Assigned Standard Slope		n x LOG		,	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
		·								•							_
pen Flo	w			M	1cfd @ 14.	65 psia			Deliverabi	lity			Mcfd (	@ 14.65 ps	ia		.]
		_	-			•			•			ne above rep lovember				Ū	•
racts s	iaied t	nere	iii, and that s	said re	port is true	and correc	ı. Exec	uted	inis the	·	day of <u></u>				, 2	v <u>'</u> .	
			Witness	(if any)			<del></del>		• –			For	r Company	,			-
			For Com	mission	······································			_	_			<u> </u>	ecked by				_

	also a scale of marious under the laws of the state of Manage that I am outhorized to request
	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request 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
	est 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.
	uest a one-year exemption from open flow testing for the Zweygardt 21-6
	grounds that said well:
(Che	ck 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 further ag	ree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necess	ary to corroborate this claim for exemption from testing.
Date: 11/13/20	12
	Signature:
	Title: Regulatory Analyst

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.