## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	: en Flov liverabi				Te	st Date	(See Instru	uctions	on Re	verse Side	•	PI No. 1	<sub>5</sub> 023-	20548-00-0	00		
Company	<del></del>	·						L	.ease					•	Well N	lumber	
		Ene	rgy Manag	gement, LL	C			ZWE	YGAR	DT		_				2-5	
County Location CHEYENNE SENW			Se	ction	5	Т	WP 45	6	RNG (E/W) 41W				Acres	Attributed			
Field CHERR	V CE		ĸ			servoi OBR						-	Conne		\_		
Completio							k Total De	nth			Packer		rgar#5	outhern Sta	<u> </u>		
5/23/20						513	. IOIGI DE	-pui			1 acker	361 ai		_			
Casing Si 7", 4 1/2"			Weigh 17	t # 10.5#	Int		Diameter	1	Set a	at 1', 1555'		oration 138		To <b>14</b> 1	יםו		
Tubing Si			Weigh		. Int	6.538, 4.052 Internal Diameter			Set a		Perforations				To		
2 3/8"				4.7#	1		.995			 1376'	CHORAGONO						
Type Completion (Describe) SINGLE					id Producti WATER				Pump Unit or Traveling P				Plunger? Yes / No ROD PUMP				
Producing	Thru	(Anr	ulus / Tubing	J)	t		Carbon Dio				% Nitro	gen	_	Gas	Gravity -	G,	
ANNUL	.US															u	
Vertical D	epth(H	)					Pre	essure	Taps					(Met	er Run) (	Prover) Size	
				11/23	15		0:30 AM	<u> </u>									
Pressure	Buildup	o; {	311ut III	44/04	20 <u></u> 15	_ at: 1	0.30 VV	Λ						at		. (AM) (PM)	
Well on Li	ne:	:	Started	11/24	20 13	_ at'	0:30 AM	(AN	И) (PM)	Taken			20	at		_ (AM) (PM)	
			¥***				OBSERV	VED S	URFACI	E DATA				Duration of Sh	ut-in	24 Hours	
Static /	Orific	e e	Circle one;	Pressure	Flo	wing	Well Head	д <u>Г</u>	Cas	ing		Tubing					
Dynamic	Size	•	Meter Prover Pressu	Differential re in		erature	Temperatu	,, \ \	Wellhead (P.,.) or (P		1	Wellhead Pressure $(P_u)$ or $(P_1)$ or $(P_n)$			Duration Liquid Product (Hours) (Barrels)		
Property	(inche	9S)	psig (Pm)	Inches H <sub>2</sub> 0	1	t 	t		psig	psia	psig	_ [_	psia.	<b>(/</b>			
Shut-in									95								
Flow	•				ı						•						
							FLOW ST	TREA	M ATTR	IBUTES	1						
Plate			Circle one:	Press	· T	Gra	vitu	Fk	wing	Det	/iation	Ma	tered Flov	v GC	ne.	Flowing	
Coeffieci (F <sub>b</sub> ) (F		Pro	Meter or ver Pressure	Extension		Fac	tor	•	erature actor	Fa	actor	1410	R	(Cubic	Feet/	Fluid Gravity	
Mofd			psia	√ P <sub>m</sub> xh	·	•• • • F	·		Fit		F <sub>pv</sub>		(Mcfd)	Bar	rel)	G <sub>m</sub>	
					,	-		•									
					(OP	EN FL	OW) (DEL	.IVER/	ABILITY	) CALCUL	ATIONS	_ <del></del> _					
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P) <sup>2</sup> =	:	1	P <sub>d</sub> ==		_%		, مراور 14.4) +			:		P <sub>a</sub> )² = 0 P <sub>d</sub> )² =	.207	
	T			Choose formula 1 of				<u>-</u> 7	_	ssure Curve			<u>-</u>	<u> </u>		Open Flow	
(P <sub>c</sub> ) <sup>2</sup> - (F	,")s	(P	c)2- (P <sub>w</sub> )2	1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>		OG of			Śloj	oe = "n" - or	h	LOG		Antilog		eliverability	
or (P <sub>c</sub> ) <sup>2</sup> - (F	) <sup>2</sup>		,	2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	' a	1. or 2. nd divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	i	As	signed					Equ	als R x Antilog (Mcfd)	
			•	divided by: Pc2-P	•	by:	<u> </u>	<del>'</del>	Siario	ard Slope						(,	
					1			+		_							
Open Flov	N			Mcfd @ 1	4.65 ps	sia			Deliverab	oility				Mcfd @ 14.65	psia		
The u	ındersi	gned	d authority, o	n behalf of th	e Com	pany,	states that	t he is	duly at					ort and that he	has kno		
the facts st	tated th	1erei	n, and that sa	aid report is tr	ue and	correc	ct. Execute	ed this	s the	17 —	day of _		DEC	CEMBER		, 20 <u>15</u> .	
							ı	Doc-									
			Witness (i	fany)			CANSAS COR	RPORAT	IVed - TON COMI	MISSION			Fore	Company			
			For Comm	ission	•				1 2015				Che	cked by		<u> </u>	

CONSERVATION DIVISION WICHITA, KS

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC
and that t	the foregoing pressure information and statements contained on this application form are true and
correct to	the best of my knowledge and belief based upon available production summaries and lease records
• •	nent installation and/or upon type of completion or upon use being made of the gas well herein named.
l here	by request a one-year exemption from open flow testing for theZWEYGARDT 22-5
gas well c	on 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
	13 Hot capable of producing at a daily rate in excess of 200 Hours
I furth	ner agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as ne	ecessary to corroborate this claim for exemption from testing.
	4047/0045
Date:	12/17/2015 —
	•
	Signature: Little O'lhs
	Signature:
	Title: HSE/Regulatory Tech
	Title: HSE/Regulatory Tech

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.