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

= :	t: ien Flo liverab		0.112		•	See Instruc : 12/2/20	ctions on Rev	verse Side	•	No. 15 -023	-21083-00-00		
Company	,						Lease				V	Vell Nur	mber
Foundation Energy Management, LLC				ZWEYGARDT						<del></del>	13-3	3B	
County Location CHEYENNE SW-SE-NW-SW			Section	TWP 3S	RNG (E/W) S 41W		P	Acres A	ttributed				
Field	INING		344-3	L-INVV-OVV	Reservoi	33		,		hering Conne	ection		
CHERRY CREEK Completion Date				NIOBR					nder Morgan				
•		е			-	k Total Dep	oth		Packer S	Set at			
5/22/20 Casing S			Weigh	t	1556' Internal D	Nameter	Set a	+	Parfo	rations	То		
7", 41/2"			•	` '#, 11.6#	6.538, 4.000		241', 1598'		1372'		1410'		
Tubing Size Weight			t	Internal [		Set at		Perforations		То			
2-3/8				4.7#		995		1445'					
Type Con	-		-		• .	d Productio NATER	n		Pump Ur	nit or Traveling	Plunger? Yes A		mp
SINGLE (GAS) Producing Thru (Annulus / Tubing)			% Carbon Dioxide				% Nitrogen		Gas Gravity - G				
ANNUL	.US												
Vertical D	epth(H	l)				Pre	ssure Taps				(Meter F	lun) (Pr	over) Size
Pressure	Buildu	D: ·	Shut in	12/1 2	<sub>0</sub> 15 <sub>at</sub> 1	1:50 AM	(AM) (PM)	Taken		20	at		 AM) (PM)
Well on L			Started	12/2	15 at 1	4.EA ARA					at		AM) (PM)
					_	OBSERVI	ED SURFACE	DATA			Duration of Shut-in	n2	4 Hours
Static / Orific  Dynamic Size  Property (inche		e Prover Pressure			Flowing Temperature t	Well Head Temperature t	I Wellhead Pre-		Wellhe	ubing ad Pressure (P <sub>L</sub> ) or (P <sub>G</sub> )	Duration (Hours)		d Produced Barrels)
Shut-In	••••	•	psig (Pm)	Inches H₂0			psig 40	psia	psig	psia	X* , .		
Flow													
				1		FLOW STI	REAM ATTRI	BUTES	l			<u></u>	
Plate			Circle one:	Press	Τ -		Flowing					I	Flowing
Coeffiecient		Meter or Prover Pressure		Extension	Grav Fact		Temperature		iation ctor	Metered Flow R	GOR (Cubic Fee	t/ Fluid	Fluid
(F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		psia		✓ P <sub>m</sub> xh	· ~ F	·   ,	Factor F		f <sub>pv</sub> (Mcfd)		Barrel)		Gravity G <sub>m</sub>
							-						
					_ <u> </u>								
/D \2			(D. )2				/ERABILITY)				-	= 0.20	17
(P <sub>c</sub> )-=		<u>- ·                                    </u>	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2.	P <sub>d</sub> =			<u>- 14.4) +</u>		<del></del> ;	(P <sub>d</sub> )²		
(P <sub>c</sub> ) <sup>2</sup> - (F		(F	(P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup>	LOG of formula		Ślop	ssure Curve le = "n"		.og	4 - 411	•	en Flow verability
or (P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>d</sub> )2			2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	1. or 2.	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Ass	or= signed	'   '''		Antilog	Equals	R x Antilog
				divided by: $P_c^2 - P_w^2$	by:		Standa	ard Slope		الله سا		(1	Mcfd)
Open Flow			•	Mcfd @ 14.65 psia			Deliverability		Mcfd @ 14.65 psia				
The ı	ındersi			n behalf of the	Company, s		he is duly au	thorized to		e above repo	rt and that he has	s knowl	
the facts s	tated th	nerei	n, and that sa	aid report is true	and correc			<u> </u>	day of	DEC	EMBER	, 2	15
			Witness (	f any)	k		Leceived PORATION COMP	_		For C	Campany		
			For Comm	ission		DEC	: 10 20 <del>1</del>	5		Chec	ked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC and that 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.  I hereby request a one-year exemption from open flow testing for the ZWEYGARDT 13-33B gas well on 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  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.  Date: 12/7/205
Signature: <u>Laum Olh</u> Title: <u>HSE/Radatery Tech</u>

## 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.