KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	tions on Rev	erse Side	9)			
= :	en Flow liverabil				Test Date):				No. 15		
		Ly .		_			<u> </u>		15-	023-21052-0		
Company FOUNDATION ENERGY MANAGEMENT,				LLC			Lease ZWEYGARDT			12-06	Well Number	
County Location CHEYENNE NE-NE-SW-NW				Section 6		TWP 4S		RNG (E/W) 41W		Acres Attributed		
Field CHERR	Y CRE	EK			Reservoir NIOBRA					thering Conne HERN STAR	ection KINDER MOR	GAN
Completic 7/31/200)			Plug Bac 1591'	k Total Dept	h		Packer S	Set at		
Casing Size 7", 41/2"			Weigh 17#,	11.6#	Internal Diameter 6.538", 4.0"		Set at 248', 1633'		Perforations 1434'		то 1472'	
Tubing Size 2-3/8""			Weight 4.7#		Internal Diameter 1.995"		Set at 1465'		Perforations		То	
Type Con SINGLE			escribe)			d Production VATER	1			nit or Traveling ROD PUMF		/ No
Producing ANNUL		(Ann	ulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gra	avity - G _g
Vertical D	epth(H))				Pres	sure Taps	-			(Meter F	Run) (Prover) Size
Pressure	Buildup	: 8	3/1 Shut in	2	20 15 at 1	0:30 PM	(AM) (PM)	Taken		20	at	(AM) (PM)
Well on L	ine:	8	Started 3/1	32	0 15 at 1	1:15 PM	(AM) (PM)	Taken	·	20	at	(AM) (PM)
		 I	O'arla aras		1	OBSERVE	D SURFACE				Duration of Shut-	n_24.75 Hours
Static / Orifice Dynamic Size Property (inches)		,	Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	t temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psla		Duration (Hours)	Liquid Produced (Barrels)
Shut-In				2			paig	74	psig	paid		
Flow	<u></u> .		-			_			<u> </u>			
	-				1	FLOW STR	EAM ATTRI	BUTES			 r	<u> </u>
Plate Coefficcient (F _b) (F _p) Mcfd			Circio one: Meter or ver Pressure psia	Press Extension P _m x h			Temperature		eviation Metered Flow Factor R F _{pv} (Mcfd)		y GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G _m
/D \2			(P _w)² =		•		ERABILITY) % (P	CALCUI - 14.4) +			(P _a) [,]	2 = 0.207
(P _c)² =		• •		Chaose formula 1 or 2	P _d =			sure Curve		<u> </u>	(1.9)	1
(P _c) ² - (F or (P _c) ² - (F		(P	(c)2- (P _w)2	1. P _c ² -P _c ² 2. P _c ² -P _c ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slop Ass	e = "n" or igned	n v	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				divided by: Pc2-Pw	2. by:		Standa	ard Stope				(Micro)
						_						
Open Flo	w			Mcfd @ 14	.65 psia		Deliverab	llity			Mcfd @ 14.65 psi	a
The	undersi	gnec	authority, o	n behalf of the	Company,	states that h	e is duly au				ort and that he ha	s knowledge of
the facts s	tated th	erei	n, and that s	aid report is tru	e and correc			3	day of _	DECEMBER		, 20 <u>15</u>
			Witness (if and	к	Re ANSAS CORPO	CEIVED PRATION COMM	NOISSION			*omean/	
						JAN	0 4 2016	<u> </u>			Company	
			For Comm	nission		CONCEDI	ATION DIVISI	ON		Che	cked by	

CONSERVATION DIVISION WICHITA, KS

exempt state	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request tus under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC e foregoing pressure information and statements contained on this application form are true and ne best of my knowledge and belief based upon available production summaries and lease records
of equipme I hereb	nt installation and/or upon type of completion or upon use being made of the gas well herein named. y request a one-year exemption from open flow testing for theZWEYGARDT 12-06 the grounds that said well:
l furthe	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 r agree to supply to the best of my ability any and all supporting documents deemed by Commission sessary to corroborate this claim for exemption from testing.
	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. The form must be signed and dated on the front side as though it was a verified report of annual test results.