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

Type Test	t:				(	See Instruct	ions on Reve	rse Side	?)					
= :	en Flo liverab				Test Date	:			API	No. 15 023-	20799-00-00			
Company		Fne	eray Mana	gement, LLC		71	Lease VEYGARI	)T			1	Well Number 12-5		
County			Locati SW-N	on	Section	5 ·	TWP 4S		RNG (E.	w) 1W	,	Acres Attribute	ed	
Field					Reservoir	1				hering Conne				
CHERF			.K		NIOBRA					<del>-</del>	outhern Star			
Completion 10/5/20		e			1624'	k Total Dept	n		Packer 5	Set at				
Casing S			Weigh		Internal D	Diameter	Set at		Perfo	rations	То			
7", 4 ½'	,			7# 9.5#	6.538	3, 4.090	245',	1610'		1396'	1434'			
Tubing Si	ize		Weigh		Internal D		Set at		Perfo	rations	То			
2 3/8" Type Con	noletio	n (De	escribe)	4.7#	Type Flui	995 d Production		465'	Pump U	nit or Traveling	Plunger? Yes	/ No		
SINGL		(-	300.100)			VATER	,		· ump o			PUMP		
-		(Anı	nulus / Tubing	3)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gra	avity - G		
ANNUL												- 1 (0 ) (	<u>.                                    </u>	
Vertical D	epth(F	1)				Press	sure Taps				(Meter F	Run) (Prover) (	Size	
Pressure	Buildu	p:	Shut in	11/23 2	0 15 at 1	0:15 PM	(AM) (PM) 1	aken			at	(AM) (P	 M)	
Well on L	ine:		Started								at			
							D SURFACE				Duration of Shut-	24	Hours	
Static /	Orifi	ice	Circle one: Meter	Pressure	Flowing	Well Head	Casin	_	1	Tubing	Duration	Liquid Produ		
Dynamic Property	Sìz (inch		Prover Pressu	-	Temperature t	Temperature t	Wellhead P (P <sub>w</sub> ) or (P <sub>t</sub> )			ead Pressure or (Pt) or (Pc)	(Hours)	(Barrels)		
Shut-In	<u> </u>		psig (Pm)	Inches H <sub>2</sub> 0			psig 112	psia	psig	psia				
Flow	-			_										
			I		<del>';</del>	FLOW STR	EAM ATTRIE	UTES				.1		
Plate	)		Circle one:	Press	Grav	ritv	Flowing	Dev	riation	Metered Flov	v GOR		_	
Coeffied (F <sub>b</sub> ) (F		Pro	Meter or ver Pressure	Extension	Fac	tor 1	Temperature Factor	Fa	ctor	R	(Cubic Fe	et/ Flu Grav	wing luid	
Mcfd			psia	√ P <sub>m</sub> xh	F,	' .	F <sub>it</sub>	'	ри 	(Mcfd)	Barrel)	G,	-	
										1				
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		/P \ <sup>2</sup>	²= 0.207		
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	$P_d =$		% (P <sub>a</sub>	- 14.4) +	14.4 = _	:	(P <sub>a</sub> )			
(P <sub>c</sub> ) <sup>2</sup> - (	D \2	/5	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Chaose formula 1 of 2 1. P <sub>c</sub> <sup>2</sup> - P <sub>e</sub> <sup>2</sup>	LOG of	$\overline{\Gamma}$	Backpress		,			Open Flow	N	
or (P <sub>c</sub> ) <sup>2</sup> - (		(,	c) - (' w)	2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	formula 1. or 2.			);= "n" );	- n x	LOG	Antilog	Deliverabili Equals R x Ai	-	
(P <sub>c</sub> )2- (	P <sub>d</sub> )2			divided by: $P_c^2 - P_w^2$	and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		gned d Slope		LJ		(Mcfd)		
				· <del>-</del>			-							
Open Flo	w_		•	Mcfd @ 14	.65 psia		Deliverabil	ity	•		Mcfd @ 14.65 ps	ia		
The	unders	igne	d authority, o	n behalf of the	Company,	stätes that h	-		to make t	٠,	ort and that he ha	· · · · · ·		
the facts s	stated t	here	in, and that s	aid report is tru	e and correc		this the	<u> </u>	day of	DE(	CEMBER	, <sub>20</sub>	<u> </u>	
					KA	Re NSAS CORPO	Ceived RATION COMMIS	SION						
-		_	Witness (	if any)		• • •	0 4 2016			Fore	Company			
			For Comm	nission	•		ION DIVISION			Che	cked by			

CONSERVATION DIVISION WICHITA, KS

	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC
correct to	he 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.  by request a one-year exemption from open flow testing for the   ZWEYGARDT 12-5
	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 Commission excessary to corroborate this claim for exemption from testing.
Date:	12/28/2015
	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.