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

Type Test:						(See Instructions on Reverse Side)								
Open Flow Deliverability						ite:		API No. 15 15-023-20786-00-00						
Company FOUNDATION ENERGY MANAGEMENT, L							Lease ZWEY	Lease ZWEYGARDT			Well Number 43-32			
County Location CHEYENNE <b>\$WSE</b> NE-SE				Section 32	1	TWP 3S			W)	Acres Attributed				
Field CHERRY CREEK						oir RARA			Gas Gathering Connection SOUTHERN STAR/KINI			GAN		
Completion Date 9/20/2007						ack Total De	pth	Packer Set at		Set at				
Casing Size Weight 7", 4½" 17#, 11.6#				Internal 6.538	Diameter		Set at 291', 1553'		rations B'	то 1390'				
	Tubing Size Weight				Diameter	Set	Set at 1424'		Perforations		То			
Type Completion (Describe) SINGLE (GAS)					Type FI	Type Fluid Production SALTWATER				nit or Traveling		/ No		
Producing Thru (Annulus / Tubing)						Carbon Dio	xide	% Nitrogen			Gas Gravity - G			
ANNULUS  Vertical Depth(H)						Pressure Taps					(Meter	Run) (Prover) Size		
Pressure	Builda	n 5	3/1	10	15 <sub>at</sub>	12:30 PM	l (AM) (PM	\ Taken		20	at	(AM) (PM)		
				2:00 PM	_ , , ,	=			at					
<b>,</b>						OBSER	/ED SURFA	CE DATA			Duration of Shut-	in 25.5 Hours		
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press	Differential in	Temperature Temperature		Wellhea	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>0</sub> )		Tubing ad Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	,	,	psig (Pm)	Inches H <sub>2</sub> 0	i		psig	psia 54	psig	psia				
Flow														
				<del></del>		FLOW S	TREAM ATT	RIBUTES						
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √P <sub>m</sub> x h.	F	ravity actor	Tomografura		eviation Metered Flo Factor R F <sub>pv</sub> (Mcfd)		w GOR (Cubic Fe Barrel)	L Gravity		
					_									
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> :	= :	•	LOW) (DEL	.IVERABILIT %	<b>Y) CALCUI</b> (P <sub>c</sub> - 14.4) -		;	-	n <sup>2</sup> = 0.207		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose farmula 1 or  1. P <sub>c</sub> <sup>2</sup> -P <sub>e</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> divided by: P <sub>c</sub> <sup>2</sup> -P <sub>c</sub>	hoose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 1. or 2. and divide		Backp S	Backpressure Curve Stope = "n" or Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
			<u>'</u>	<u>-</u>								-		
Open Flo				Mcfd @ 14	.65 psia		Deliver	ability			Mcfd @ 14.65 ps			
		-	•			•	-			-	ort and that he h	as knowledge of		
the facts s	stated t	herei	n, and that s	said report is tru	e and corr			18	day of _	ECEMBER	···	, 20		
			1A//tages	(if any)		F KANSAS CORI	Received PORATION COM	Mission		En-	Company			
Witness (if any)						KANSAS CORPORATION COMMISSION  JAN 0 4 2016			For Company  Checked by					
			For Com	mission	•	CONSERV	ATION DU			Che	ескеа ву			
						AAIC	HITA, KS	-· <del>·</del>						

exempt status und and that the foreg correct to the best of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records llation 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 43-32									
gas well on the gro	ounds that said well:								
(Check	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 to supply to the best of my ability any and all supporting documents deemed by Commission								
_	to corroborate this claim for exemption from testing.								
Date: 12/18/2015									
	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.