## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test	ι;				(	(ວຍອ ເກຣເເນເ	uons on He	verse Side	"		•			
_ :	en Flo diverat				Test Date 9/29/20					No. 15 87-20662 -	-0000			
Company Chesapeake Operating, L.L.C.						Lease			15-187-20662 <b>~ 2000</b> Well Number 1-17					
County Location Stanton 3960 FSL & 1320 FEL				Section 17		TWP RNG 29S 39W		RNG (EA	V)		Acres /	Attributed		
Field Sand Arroyo						Reservoir Morrow				RNG (E/W) 39W  Gas Gathering Connection Chesapeake Energy Marketing, In CC WICH Packer Set at  Perforations 5444  Perforations To 5568 RECEIVED				
Completion Date 4/16/93				Plug Bac 5607	Plug Back Total Depth 5607			Packer Set at			1111	WICH		
Casing S 4.5	Casing Size Weight 4.5 10.5			ht	Internal I 4.052	Diameter	Set at 5702		Perforations 5444		т <sub>о</sub> 5568	P~	05 2015	
Tubing Size Weight 2.375 4.7				Internal I 1.995	Diameter	Set : 547	at Perfora 72		ations .	То	.vc.C	EIVED		
Type Completion (Describe) Gas				Type Flui Water	type Fiuld Production			Pump Unit or Traveling Plunger? Yes Pumping Unit			/ No			
Producing Annulus		(An	nulus / Tubir	ng) ,	% C	Carbon Dioxi	ide		% Nitroge	n	Gas G	ravity - (	G <sub>g</sub>	
Vertical D 5890	epth(i	H)	_			Pres	sure Taps				(Meter	Run) (P	Prover) Size	
Pressure	Buildu	ıp:	Shut in 9/2	282	14 at 8	:00	(AM) (PM)	Taken 9/	29	20	14 at 8:00		(AM) (PM)	
Well on L	ine:		Started	2	0 at	· · · · ·	(AM) (PM)	Taken		20 	at	'	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA	_		Duration of Shut-	<sub>in_</sub> 24	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Press psig (Pm)	ſ	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		ibing d Pressure (P <sub>r</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liqui	id Produced (Barrels)	
Shut-In							29	43.4	psig 0	14.4	24			
Flow					<u>.</u>		<u></u>					<u> </u>		
<del></del>				<del>-</del>	<del></del>	FLOW STR	-	IBUTES		_			Т	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P <sub>m</sub> x h	Grav Fac F	tor 1	Flowing Femperature Factor	Fa	iation ctor : pv	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>	
			_	<u>.L</u> _	(ODEN EL	OW) (DELIV		\		_				
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =			) CALCUL 2 <sub>c</sub> - 14.4) +		<u>:</u>	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.2	.07	
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>o</sub> <sup>2</sup> -P <sub>o</sub> <sup>2</sup> 2. P <sub>o</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: P <sub>o</sub> <sup>2</sup> -P <sub>w</sub>	LOG of formula 1. or 2. and divide	formula 1. or 2. and divide P2. P2		Backpressure Curve Slope = "n" or Assigned Standard Slope		og [	Antilog	Deli Equals	Open Flow Deliverability Juals R x Antilog (Mcfd)	
													_	
Open Flow Mcfd @ 14.65 psia					65 psia	•	Deliverability Mcfd @ 14.65 psia							
				n behalf of the aid report is true					o'make the		rt and that he ha		rledge of 20 15 .	
			Witness (	il any)		<del></del>	-			FarC	company			
_			For Comm	nlssion			-			Chec	ked by			
											•			

exempt status und and that the foreg correct to the best of equipment insta	der penalty of perjury under the laws of the state of Kansas that I am auth der Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, going pressure information and statements contained on this application for the first of my knowledge and belief based upon available production summaries a allation and/or upon type of completion or upon use being made of the gas we lest a one-year exemption from open flow testing for the Kirby 1-17	L.L.C. form are true and and lease records
(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 the to supply to the best of my ability any and all supporting documents deer by to corroborate this claim for exemption from testing.	
Date: 5/11/2015	Signature: <u>Lakei Wrigh</u> Title: <u>Katie Wright, Regulatory Analyst</u>	<del>/</del>

## 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.