KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	pen Flo	w						everse Sid	•				
Deliverabilty				Test Dat 9/09/20	-		API No. 15 033-20964 - 0000						
Company Chesapeake Operating, Inc.							Lease Booth	Lease Booth			Well Number 1-13		
County Location Comache C S/2 SE			Section 13		TWP 31S		RNG (E/W) 18W		Acres Attributed				
Field . Wilmore			Reservo Marma			Gas Gathering (OneOk Energy		•					
Completion Date 9/29/98				Plug Bac 4913	ck Total Dep	th	Packer Set at		Set at				
Casing Size Weight 5.5 15.5				Internal 4.950	Diameter	Set at 5611		Perforations 4830		то 4834			
ubing Size Weight 9.375 4.7				Internal 1.995	Diameter	Set at 4883		Perforations		То			
Type Co:	npletion	n (Describe)			Type Flu Water	id Production	ח		Pump t	Unit or Traveling	g Plunger? Ve	No No	
Producing Thre (Annulus / Tubing)				1	% (Carbon Dioxi	de	% Nitrogen			Gas Gravity - G		
/ertical Depth(H) 6675					Pres	sure Taps	<u>.</u>			(Meter Run) (Prover) Size 2.067			
ressure	Buildu	p: Shut in	9/8	2	0 13 at 1) Taken_9/	9	20		(AM) (PM)	
Vell on L	.ine:	Started		2	0 at		(AM) (PM)) Taken	,	20	at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shu	t-in_24Hour	
Static / Dynamic Property	atic / Orifice Me.		ressure	Pressure Differential in Inches H,0	Flowing Temperature t	wen Hean		sing d Pressure P ₁) or (P _c) psia	(P_w) or (P_1) or (P_2)		Ouration (Hours)	Liquid Produced (Barrels)	
Shut-In							920	934.4	50	64.4	24		
Flow													
			- 1			FLOW STR	EAM ATT	RIBUTES		,			
Plate Coeffieci (F _b) (F Mcfd	ent	Prover Procesure		Press Extension √ P _m x h	Grav Fact F _c	· ; ¬	Flowing emperature Factor F _n	Fa	ation ctor	Metered Flow R (Mcfd)	v GOA (Cubic F Barrel	eet/ Fluid Gravity	
				,, <u> </u>	(OPEN FLO	OW) (DELIVE	RABILITY	O CALCUL	ATIONS				
)² =		_: (F	")² =	:	P _d =	%		P _c - 14.4) +		;) ² = 0.207) ² =	
(P _e) ² - (F or (P _e) ² - (F	-	(P _c) ² - (P _w) ² 1		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$	1. P _c ² -P _a ² LOG of formula 2. P _c ² -P _c ² 1. or 2. and divide		Backpressure Curve Slope = "n" or Assigned Standard Slope			og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	-		_										
pen Flov				Mcfd @ 14.6	55 psia		Deliverat	nility			Matel & 1100	<u> </u>	
		ned authori	y, on t			tates that he			make #		Mcfd @ 14.65 ps		
				report is true							and mat he ha	, ₂₀ <u>13</u> .	
		-		<u>. </u>			_		_		VANI	RECEIVED	
		Witi	ess (if an	y)			_			For C	ompany KAN	SAS CORPORATION	

I declare under penalty of perjury under the laws of the exempt status under Rule K.A.R. 82-3-304 on behalf of the op	•
and that the foregoing pressure information and statements	
correct to the best of my knowledge and belief based upon a	• •
of equipment installation and/or upon type of completion or up	·
	-
I hereby request a one-year exemption from open flow te	sung for the
gas well on the grounds that said well:	
(Check one)	
· — ·	
is a coalbed methane producer	
is cycled on plunger lift due to water	
is a source of natural gas for injection into	·
is on vacuum at the present time; KCC ap	
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	om testing.
Date: 10/18/2013	
Date	
Signature:	Eury Zichardon
Title: Dawn	Richardson, Associate Regulatory Analyst

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 ADCEIVEDST be signed and dated on the front side as though it was a verified report of annual test resultansas CORPORATION COMMISSION