KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	::				(-	See Instruc	tions on Re	verse Side)				
Op	en Flow				Test Date	ı-			API	No. 15			
De	liverabil	ty			05/21/20		***			5-20800 -	0000		
Company Chesap		Operating	g, Inc				Lease Engella	and			3-14	Well Numb	oer
County Hamilton			Location SE SW NW			Section 14		TWP 22S		RNG (E/W) 40W		Acres Attributed	
Field Bradsh					Reservoir Winfield				Gas Gathering Connection DCP Midstream Market				
Completic 12/21/0					Plug Back	k Total Dep	th		Packer S None	et at			
Casing Size 4.5		w 10	eight .5		Internal Diamete 4.052		Set at		Perforations 2746		To 2764		
Tubing Si 2.375	Tubing Size 2.375		Weight 4.7		Internal E 1.995		Set at		Perforations		То	То	
Type Con Single ((Describe)	cribe)			d Productio			Pump Unit or Traveling Plump Unit		Plunger? Yes	llunger? Yes / No		
Producing	•	Annulus / Tu	ıbing)		% C	arbon Diox	ide		% Nitrog	en	Gas Gra	avity - G _g	
Vertical D	-					Pres	sure Taps				(Meter F	Run) (Prov	ver) Size
2965			05/20	<u> </u>	0 13 at 0	7:00		O.F	5/21		13 _{at} 07:00		
Pressure Well on L	·	. Shutin									at		M) (PM)
WOII ON E		Olaneu _			at						~~	24	
		Circle	one.	Pressure	Γ	OBSERVE	D SURFAC			i bina	Duration of Shut-	in <u></u> T	Hours
Static / Dynamic Property	Orific Size (inche	e Met Prover Pi	er ressure	Differential in Inches H ₂ 0	Flowing Temperature t	Temperature t Temperature (P_w) or (P_1) or (P_c) (P_w) or (P_1) or (P_c) (P_c)		Duration (Hours)	Liquid Produced (Barrels)				
Shut-in			,				psig 64	79.4	psig 89	103.4	24		
Flow													
						FLOW STE	REAM ATTR	IBUTES					
Coeffiec (F _b) (F	Plate Circle coefficient $(F_b)(F_p)$ Prover Mcfd $(F_b)(F_p)$		Extension		Grav Fact F _s	tor	Flowing Temperature Factor F _{ft}		iation ctor - pv	Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
(P _c) ² =		_: (P,	_v)² =	;	P _d =		/ERABILITY % (I	') CALCUL P _c - 14.4) +		:		² = 0.207	·
	P _a) ²	(P _c) ² - (P _w) ²	Cho	nose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slo As	essure Curve pe = "n" - or ssigned lard Slope	n x i	og [Antilog	Delive Equals R	n Flow erability t x Antilog cfd)
				- c 'w									
Open Flo	w			Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.65 psi	ia	
The i	undersig		•	pehalf of the	Company, s		•			•	ort and that he ha	as knowle	-
		Witr	ness (if ar	ny)			KCC	WICH	ITA	For	Company		·
		For	Commissi	ion			JUL (0 1 201	3	Che	cked by		

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	under penalty of perjury under the laws of the state of Kansas that I am authorized to request								
	s under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.								
	foregoing pressure information and statements contained on this application form are true and								
	best of my knowledge and belief based upon available production summaries and lease records								
	installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the								
	ne grounds that said well:								
(C	heck one)								
	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								
I further a	agree to supply to the best of my ability any and all supporting documents deemed by Commission								
staff as nece	ssary to corroborate this claim for exemption from testing.								
Date: 06/26/	2013								
	Signature Dann Zichardon								
	Signature: Dawn Richardson, Regulatory Technician III								

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 the a ventilet report of annual test results.

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