3-14

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:			(See Instruct	lions on Re	verse Side)			
✓ Open Flow Deliverability			Test Date:				API No. 15				
		ity .		6/24/20	14			15-	075-20534 -	<u>-</u>	A. D
Company Chesap		perating, L.L.	C.			Lease Bengst	ton			2-13	Vell Number
County Hamilton		Location 4030 FSL & 4030 FEL		Section 13				RNG (E/W) 41W		Acres Attributed	
Field Bradshaw				Reservoir Chase		Gas Gathering OneOk Energ		•			
Completi 6/17/94) 		Plug Bac 2817	k Total Dept	h 		Packer 5	Set at		
Casing Size 4.5		Weight 14		Internal Diameter 4.052		Set at 2806		Perforations 2792		то 2802	
Tubing Size 2.375		Weight 4.7		Internal Diameter 1.995		Set at 2813		Perforations		То	
Type Cor Single		(Describe)		Type Flui Water	d Production	1		Pump Ur Pump		Plunger? Yes	/ No
Producing Annulus		(Annulus / Tubi	ng)	% C	Carbon Dioxi	de		% Nitrog	en	Gas Gra 0.768	avity - G _g
Vertical D 2825	Depth(H	<u> </u>			Press Flang	sure Taps ge	_			(Meter F 2.067	Run) (Prover) Size
Pressure	Buildup	: Shut in 6/2	23 2	o_14_at_8	:00	(AM) (PM)	Taken_6/	24	20	14 at 8:00	(AM) (PM)
Well on L	.ine:	Started	2	0 at		(AM) (PM)	Taken	_	20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-i	n_24 Hours
Static / Dynamic Property	Orific Size (inche	Prover Press	Differential in	Temperature Tempera		Wellhead Pressure (P_w) or (P_i) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _o)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In		P-3 (_	psig 41	psia 55.4	psig 55	69.4	24	
Flow				-							
		Circle one:			FLOW STR	EAM ATTRI	BUTES				
Plate Coeffiec (F _b) (F Mcfd	ient _)	Meter or Prover Pressure psia	Press Extension	Grav Fac F _s	tor	Flowing emperature Factor	Fa	ation ctor pv	Metered Flov R (Mcfd)	y GOR (Cubio Fee Barrel)	Flowing Fluid Gravity G _m
						_	<u> </u>				
/D. \2		- 45.33	_	•	OW) (DELIVI						= 0.207
(P _e) ² ==		: (P _w)*:	Choose formula 1 or 2:	P _d =		T	- 14.4) +	14.4 =	 :	(b ^a) ₅	
(P _e) ² - (I		(P _c) ² - (P _w) ²	 P_c² - P_s² P_c² - P_d² divided by: P_c² - P_w² 	LOG of formula 1. or 2, and divide by:	P _c ² - P _w ²	Slop	ssure Curve e = "n" or signed ard Slope	n x I	-oe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
								,			_
				<u> </u>							
Open Flow Mcfd @ 14.65 psia				65 psia	psia Deliverability			Mcfd @ 14.65 psia			
						=			-	rt and that he has	•
the facts s	tated th	erein, and that s	ald report is true	and correc	_	this the eceived		day of	<u>ay</u>		, 20 15 .
		Witness	(II any)	K	ANSAS CORPO	RATION COM		_	For C	отрапу	
		For Com:	mission		N <u>UL</u>	2 9 2019	5		Chec	ked by	

CONSERVATION DIVISION WICHITA, KS

exempt stat	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request tus under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C. e foregoing pressure information and statements contained on this application form are true and
correct to th	ne best of my knowledge and belief based upon available production summaries and lease records
•	nt installation and/or upon type of completion or upon use being made of the gas well herein named.
l hereby	y request a one-year exemption from open flow testing for the Bengston 2-13
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 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
l frankla a	was a to supply to the heat of my skillby any and all supporting desuments deemed by Commission
	r agree to supply to the best of my ability any and all supporting documents deemed by Commission
Stan as nec	essary to corroborate this claim for exemption from testing.
W 10 10	
Date: _5/8/2	<u>015</u>
	Received KANSAS CORPORATION COMMISSION SIGNATURE: KALLE Wright Regulatory Analyst
	JUN 2 9 2015 Title: Katie Wright, Regulatory Analyst
	A SUCCESSION DIVISION
	CONSERVATITA, KS

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.