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

Type Test	:		<b>V</b>		(	See Instruc	tions on Re	verse Side,	)			
	en Flo				Test Date			•		lo. 15		
	liverab	y			07/03/20	013 .			075-	20528 <b>- 0</b>		Well Number
Company Chesap		e Op	perating, I	nc.			Lease Strate			•	2-14	veii Number
County Locatio Hamilton SE NW N			Section 14		TWP 22S		RNG (E/W) 41W			Acres Attributed		
Field Bradsh	aw				Reservoir Chase	Chase			Gas Gathering C OneOk Energy			
Completic 5/7/94				Plug Back Total Depth 2750		oth .		Packer Set at None				
Casing Size 4.5			Weight		Internal Diameter			Set at 2780		Perforations 2724		
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995			Set at <b>2764</b>		Perforations		
Type Completion (Describe)  Single Gas  Type Fluid Product Water				d Productio			Pump Unit or Traveling Plung Pump Unit		Plunger? Yes	/ No		
Producing		(An	nulus / Tubin	g)	% C	arbon Diox	ide		% Nitroge	n	Gas Gra .774	avity - G <sub>g</sub>
Vertical Depth(H) 2780			Pressure Taps Flange					-	(Meter F 2.067	Run) (Prover) Size		
	Buildu	ıp:	Shut in _07/	02 20	0_13_at_7			Taken_07	7/03	20	13 at 7:00	(AM) (PM)
Well on L	ine:		Started	20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	ED SURFAC	E DATA			Duration of Shut-	in 24 Hours
Static / Orifice Dynamic Size Property (inches)		e	Circle one: Meter Prover Press psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	- 1		ture $(P_w)$ or $(P_1)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			poig (i iii)	mones 11 <sub>2</sub> 0			psig 26	psia 40.4	psig 42	psia 56.4	24	
Flow												
				T .		FLOW ST	REAM ATTE	RIBUTES	1			
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> xh	Grav Fac F	tor .	Flowing Temperature Factor F <sub>11</sub>	Fa	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>
							VERABILITY	•				<sup>2</sup> = 0.207
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2:	P <sub>d</sub> =			P <sub>c</sub> - 14.4) +	14.4 =	: :	(P <sub>d</sub> )	<sup>2</sup> =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>a</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup> - P<sub>w</sub><sup>2</sup></li> </ol>	LOG of formula 1. or 2. and divide by:  Pc2-Pw2		Backpressure Curv Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
											<del></del>	
Open Flo	w			Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @ 14.65 psi	a
		•	•				•				rt and that he ha	s knowledge of
the facts s	tated t	here	in, and that s	aid report is true	and correc	t. Executed	d this the $\frac{9}{}$		day of Se	ptember		, 20 <u>13</u> .
						KC	C WIC	НІТА				ur e
			Witness	if any)						For C	Company .	
			For Comr	nission		SEI	P 13 2	U13		Chec	ked by	
						F	RECEIV	ED			•	

I declare under penalty of perjury under the laws of	the state of Kansas	that I am authorized	I to request
exempt status under Rule K.A.R. 82-3-304 on behalf of the	operator Chesapea	ke Operating, Inc.	· .
and that the foregoing pressure information and stateme	ents contained on thi	s application form a	re true and
correct to the best of my knowledge and belief based upor	n available productio	n summaries and le	ase records
of equipment installation and/or upon type of completion or	r upon use being mad	le of the gas well he	rein named.
I hereby request a one-year exemption from open flow	testing for the Stra	te 2-14	
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 u	ndergoing ER	
is on vacuum at the present time; KCC	approval Docket No.		
is not capable of producing at a daily r	ate in excess of 250	mcf/D	
			•
I further agree to supply to the best of my ability any a	and all supporting do	cuments deemed b	y Commission
staff as necessary to corroborate this claim for exemption	n from testing.		
Date: _09/09/2013	•		:
Signature	Jann (	Zionai	does
		ociate Regulatory A	nalvat

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.

KCC WICHITA

SEP 13 2013

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