KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

i media —

Type Test		O.		O O.	(See Instruct				.nabilii		
Deliverability					Test Date 08/14/2					No. 15 -10018 - (1000	
Company		Operating	, Inc				Lease Messer	nger D	·		3-18	Welt Number
County Location Kingman NW SW NE			Section 18		TWP 30S		RNG (E/W) 8W			Acres Attributed		
Field Spivey-Grabs				Reservoir Mississ			Gas Gathering Cor OneOk Energy Se		-			
Completic 5/4/60	n Date				Plug Bac 4302	k Total Dept	h		Packer S	et at		
Casing Si 5.5		Weight 14.0			Internal Diameter 5.012		Set at 4319		ations	то 4271		
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 4280		Perforations		То	
Type Completion (Describe) Single Gas				Type Flui Oil/Wa	d Production	ו	Pump Unit or Traveli Pump Unit			Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) Annulus			% Carbon Dioxide				% Nitroge	en	Gas Gr	avity - G _g		
Vertical D	epth(H)					Press	sure Taps		-		(Meter	Run) (Prover) Size
Pressure	Buildup	: Shut in _8	3/13	20	13 at 1	1	(AM) (PM)	Taken_8/	/14	20	13 _{at} 11	(AM) (PM)
Well on Li	ne:	Started		20	at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut	in 24 Hours
Static / Dynamic Property	Dynamic Size		Meter Diff		Flowing Well Head Temperature t		Wallhaad Praceura		Tubing Wellhead Pressure (P_w) or (P_1) or (P_a) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In				*			10	24.4	0	14.4	24	
Flow			-									
	- 1	Circle one:			1	FLOW STR		IBUTES				
Plate Coefficeient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor F _g		Temperature Fa		viation Metered Flow actor A F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)	Gravity
	<u> </u>				(OPEN EL	OW) (DELIV	FRARII ITV) CALCUI	ATIONS			
(P _c) ² =		: (P _w)) ² =	:	P _d =	• •		•	· 14.4 =	:	(P _a) (P _d)	² = 0.207 ² =
$(P_e)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2.	P.2. P.2	Backpressure Curve Slope = "n" Or Assigned Standard Slope		n x L	[]	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
<u> </u>			-					.				
Open Flow		Mcfd @ 14.6)5 psia		Deliverability				Mcfd @ 14.65 ps	ia
The u	ndersig	ned authority	, on b	ehalf of the (Company, s	states that he	e is duly a	uthorized t	o make the	e above repo	t and that he ha	as knowledge of
he facts st	ated the	erein, and tha	t said	report is true	and correc	t. Executed	this the 1	8	day of O	ctober		, ₂₀ <u>13</u>
		Witne	ss (il any	γ)			-		-	For Co		ECEIVED DRATION COMMISSION
			ommissio				-					2 3 2013

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc
and that	the foregoing pressure information and statements contained on this application form are true and
correct to	the best of my knowledge and belief based upon available production summaries and lease records
	nent installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the Messenger D 3-18
	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
	her agree to supply to the best of my ability any and all supporting documents deemed by Commission ecessary to corroborate this claim for exemption from testing.
Date: 10	/18/2013
	Signature: 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 form must be RECEIVED signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION