A. . Y

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	l:				(See Instruc	tions on Re	verse Side)				
√ Op	en Flo	W			Test Date	n:			API	No. 15			
De	liverab	ilty		·	3/27/20					075-20802 -	-000 0		
Company Chesape		Оре	rating, L.L.C).			Lease Bradsl	naw			4-33 ^v	Vell Number	
County Location Hamilton 4030 FSL & 1390 F				Section 33		TWP 22S			W)	Acres Attributed			
Field Bradsh	aw				Reservoir Winfiel					hering Conne lidstream Ma			
Completic	on Dat	te			Plug Bac 2792	k Total Dep	th		Packer S None	Set at			
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052			Set at 2799		rations 3-2619	то 2623-2631		
Tubing Size 2,375		Weight 4.7		Internal Diameter 1.995		Set at 2733		Perforations		То			
Type Con Single (n (D				d Production			Pump U Pump		Plunger? Yes	/ No	
Producing	Thru	(An	nulus / Tubin	3)		arbon Dioxi	de		% Nitrog		Gas Gra	vity - G _g	
Annulus Vertical D		-n				Pres	sure Taps				(Meter F	lun) (Prover) Size	
2622	- CP.III(I	.,				Flan				<u> </u>	2.067	, (, , , , , , , , , , , , , , , , ,	
Pressure	Buildu	p:	Shut in <u>3/2</u>	<u>6</u> 2	0 <u>14</u> at 8	:00	(AM) (PM)	Taken_3/	27	20	14 at 8:00	(AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-i	n_24Hours	
Static / Orific Dynamic Size Property (inches		е	Circle one: Meter Prover Presst		Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing ad Pressure r (P ₁) or (P ₆)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 65	79.4	psig 90	104.4	24		
Flow													
	<u> </u>					FLOW STE	EAM ATTR	IBUTES			<u> </u>		
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fact F _c	or	Flowing Femperature Factor F ₁₁	Fa	iation ctor : pv	'Metered Flow R (Mcfd)	y GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
									<u></u>				
					•	OW) (DELIV		-			_	= 0.207	
(P _c)² =		<u>-:</u>		Choose formula 1 or 2.	P _d =		1	ssure Curve	$\overline{}$	<u>:</u>	(P _d) ²		
(P _c) ² - (F		(F	P _c) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_d² 	LOG of formula 1. or 2. and divide by:	P.2. P.2	Slo As	pe ≕ "n" - or signed ard Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				3.7.000 Dyr. 1 6 1 W					1			_	
										-			
Open Flor	w			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 psia	ı	
The u	undersi	igned	d authority, o	n behalf of the	Company, s	tates that h	e is duly au	uthorized to	o make ti	ne above repo	rt and that he has	knowledge of	
the facts s	tated ti	herei	n, and that sa	aid report is true		R	eceived		day of _N	lay		, 20 <u>15</u>	
			Witness (I	fany)		KANSAS CORF	ORATION COM			For C	Company	· · · · · · · · · · · · · · · · · · ·	
	-		For Comm	ission		<u>UUL</u>	2 9 20 <u>1</u>	15		Chec	ked by		

exempt status under Rule K.A.R. 82-3-30 and that the foregoing pressure information correct to the best of my knowledge and of equipment installation and/or upon type	nder the laws of the state of Kansas that I am authorized to request 4 on behalf of the operator Chesapeake Operating, L.L.C. tion and statements contained on this application form are true and belief based upon available production summaries and lease records a of completion or upon use being made of the gas well herein named. On from open flow testing for the Bradshaw 4-33
gas well on the grounds that said well:	
is on vacuum at the production is not capable of productions.	ift due to water gas for injection into an oil reservoir undergoing ER resent time; KCC approval Docket No lucing at a daily rate in excess of 250 mcf/D of my ability any and all supporting documents deemed by Commission
Received kansas corporation commission JUN 2 9 2015 CONSERVATION DIVISION WICHITA, KS	Signature: Wight, 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 signed and dated on the front side as though it was a verified report of annual test results.