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

Type Test	:			(•	See instructi	ions on He	verse Side	;)					
	en Flow			Test Date				API N		$\sim\sim$			
Company	liverabilty			5/17/201	11	Lease	, <u></u>	075-	20803 —	<u>uu</u>	Well Nu	mber	
Chesapeake Operating, Inc.					Braddock				3-2				
County Hamilton			Location SE SW NE NW			TWP 23S		RNG (E/W) 40W			Acres Attributed		
Field Bradshaw				Reservoir <b>Winfield</b>				Gas Gathering Conr DCP Midstream M					
Completion Date 12/23/02				Plug Bacl	k Total Depti	h	Packer S <b>None</b>		t at				
Casing Size 4.5		Weight 10.5		Internal Diameter 4.052		Set at <b>2799</b>		Perforations 2630-2638		то <b>2622-2626</b>			
Tubing Size 2.375		Weight 4.7		Internal Diameter 1.995		Set at <b>2771</b>		Perforations		То	То		
Type Con Single (		Describe)	Type Fluid Production Water			1			or Traveling Imp unit	Plunger? Yes	lunger? Yes / No		
-		nnulus / Tubing	)	% C	arbon Dioxid	de		% Nitroge	n	Gas G	ravity - C	à <sub>g</sub>	
Annulus .  Vertical Depth(H)				Pressure Taps Flange				(Meter Run) (Prover) Size					
Pressure Buildup:		Shut in 5/17							20	11 at 7:00		(AM) (PM)	
Well on Line:					(AM) (PM) Tak				20	at	(	AM) (PM)	
					OBSERVE	D SURFAC	E DATA			Duration of Shut	24	Hour	
Static / Dynamic Property	Orifice Size (inches)	Circle one:  Meter  Prover Pressu	ì	lemperature lemperatu		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liqui	Liquid Produced (Barrels)	
Shut-In		psig (Pm) Inches H <sub>2</sub> 0				116	130.4	psig 70	84.4	24			
Flow		-											
		<u> </u>	·		FLOW STR	REAM ATTE	RIBUTES						
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia	Meter or Extension over Pressure		Gravity Factor F <sub>g</sub>		Flowing De Temperature F  Factor F  1,1		Metered Flor R (Mcfd)	(Cubic F	GOR (Cubic Feet/ Barrel)		
				(0051) 51	OW) /DEL N/	(FDADILIT)	() CAL CIT	ATIONS					
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> ) <sup>2</sup> =	:	•	OW) (DELIV		•	+ 14.4 =			$()^2 = 0.2$ $()^2 =$		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		Choose formula 1 or 2		LOG of formula 1. or 2. and divide p2. p2		Backpressure Curv Slope = "n" or Assigned Standard Slope		n x L	og 📗	Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)		
					· · · · · · · · · · · · · · · · · · ·								
Open Flo	w		Micfd @ 14	.65 psia		Delivera	bility			Mcfd @ 14.65 p	sia		
The	undersigr	ned authority, or	n behalf of the	Company,	states that h	ne is duly a	uthorized	to make the	e above repo	ort and that he h	as knov	vledge of	
he facts s	stated the	rein, and that sa	id report is tru	e and correc	ct. Executed	this the _8	Bth	day of <u>Ju</u>	ly			20 11	
·····		Witness (i	fany)						For	Company	RE	CEIVE	
<b>,,</b> ,		For Comm	ission						Che	ecked by			
											SEF	9062	

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
of equi	oment installation and/or upon type of completion or upon use being made of the gas well herein named.  ereby request a one-year exemption from open flow testing for the Braddock 3-2
	Il on the grounds that said well:
gas we	Ton the grounds that said wen.
	(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 fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as	s necessary to corroborate this claim for exemption from testing.
Date:	July 8, 2011
	$\wedge$
	1 1 1
	Signature:

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 **1S** 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.

SEP 06 2011