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

Type Test	t:				(	See Instruct	tions on Re	verse Side	)			
Open Flow				Test Date				۸DI	No. 15			
De	liverab	ilty			4/21/20					3-21431 <sup>-</sup>	$\infty$	
Company Chesapeake Operating, Inc.					Lease Diane				-		Well Number 1-9	
County Location Comanche S/2 N/2 SE				Section 09		TWP 35S		RNG (E/W) 16W			Acres Attributed 640	
Field Yellowstone					Reservoir Mississippi			Gas Gathering Connection Western Resources				
Completion Date 07/07/2005				Plug Bac 5,551'	Plug Back Total Depth 5,551'			Packer Set at N/A				
Casing Size Weight 4.5 11.6					Internal C 4.00"	Diameter	Set at <b>5,582</b> '		Perforations To 5,202' - 5,371' (OA)			
<b>Y</b> .			Weight		Internal D 1.95"	Internal Diameter 1.95"		Set at 5,516'		rations	То	
Type Completion (Describe) Single Gas				Type Flui Oil & V	d Production Vater	n		Pump Ur Pump		Plunger? Yes	: / No	
Producing	g Thru	(Anr	nulus / Tubing	)	% C	arbon Dioxi	de		% Nitrog	en	Gas G	iravity - G
Annulus			g									
Vertical D 5,600'	epth(H	)		·		Pres Flan	sure Taps ge				(Meter	Run) (Prover) Size
Pressure	Buildu	p: :	Shut in <u>4/2</u> 1	<u> </u>	0 11 at 0	830	(AM) (PM)	Taken 4/	22	20	11 at 0830	(AM) (PM)
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
			· · · · · · · · · · · · · · · · · · ·		1	OBSERVE	D SURFAC	E DATA			Duration of Shu	t-in 24 Hours
Static / Orifice Dynamic Size Property (inches)		9	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		(P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>e</sub> )		Tubing  Wellhead Pressure  (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )  psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			Feig (1 m)	1101100 1130			psig 355	369.4	30	44.4	24	
Flow												
						FLOW STR	REAM ATTR	IBUTES			· · · · · · · · · · · · · · · · · · ·	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>0</sub>		Flowing Temperature Factor F <sub>It</sub>	erature Factor		Metered Flow R (Mcfd)	w GOF (Cubic F Barre	eet/ Fluid Gravity
/D \2 -			/D \2 -		,	OW) (DELIV		•			•	) <sup>2</sup> = 0.207
(P <sub>e</sub> ) <sup>2</sup> =		<u>- ·                                    </u>	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2	P <sub>d</sub> =		1	o <sub>c</sub> - 14.4) +		<del></del> `	(,,	) <sup>2</sup> =
(P <sub>e</sub> ) <sup>2</sup> - (I or (P <sub>e</sub> ) <sup>2</sup> - (I		(P	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>0</sub> <sup>2</sup> · P <sub>2</sub> <sup>2</sup> 2. P <sub>0</sub> <sup>2</sup> · P <sub>0</sub> <sup>2</sup> stretced by: P <sub>0</sub> <sup>2</sup> · P <sub>0</sub>	LOG of formula 1, or 2, and divide by:	P.2. P.3	Slo <sub>l</sub>	ssure Curve pe = "n" - or signed ard Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (McId)
											<u> </u>	<u> </u>
Open Flow Mcfd @ 14			65 psia		Deliverab	Deliverability			Mcfd @ 14.65 p	sia		
The	undersi	gnec	authority, or	behalf of the	Company, s	itates that h	e is duly au	uthorized to	o make th	ne above repo	ert and that he h	as knowledge of
the facts s	tated th	nerei	n, and that sa	id report is true	and correc	t. Executed	this the _81	ih	day of	uly		, 20 <u>11</u> .
		<u>.</u>	<u> </u>				_					RECEIVED
-			Witness (if	any)			-			For	Company	SEP 0 6 2011
			For Commi	ssion		1111	-			Che	cked by	

exempt status under and that the forego correct to the best of equipment instal I hereby reques	r penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.  Soing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records lation and/or upon type of completion or upon use being made of the gas well herein named. So a one-year exemption from open flow testing for the Diane 1-9
(Check o	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
staff as necessary  Date: July 8, 2011	to corroborate this claim for exemption from testing.
	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 **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.

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SEP 06 2011