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

ype Test	:				(	See Instructi	ions on Re	everse Side	<del>)</del> )					
	en Flo				Test Date	<b>)</b> :			API	No. 15				
Deliverabilty						9/7/2012 189-21024 - 00-00								
Company Chesapeake Operating, Inc.						Lease <b>Grothe</b> B				Well Number 1-23				
County Location Stevens C NE			n	Section 23		TWP 33S	, ,		<b>W</b> )	Acres Attributed				
Field				Reservoir				nering Conn	ection	ection				
Shuck					Mississippi				OneOK Energy Services			NOV 1 -		
Completion Date 5/5/87				Plug Bad 6180	Plug Back Total Depth 6180			Packer Set at			Ko			
sing Si	ze	**************************************	Weight 15.5		Internal Diameter 4.950				Perfor 5996	ations 3	To 6012	NOV 1 6 2		
ubing Size -7/8		Weight 6.5			Internal Diameter 2,441		Set at 5994		Perforations		То			
	npletio	n (De	escribe)						Pump Unit or Traveling Plunger? Yes / No					
as										Plunger				
Producing Thru (Annulus / Tubing)  Fubing				% C	% Carbon Dioxide				en	Gravity - C	à <sub>o</sub>			
rtical D	epth(F	H)				Press	sure Taps					r Run) (Pi	rover) Size	
175														
essure	Buildu	p:	Shut in _ <mark>9/7</mark>	2	$12_{at} 0$	7:00	(AM) (PM)	Taken_9/	8	20	12 at 07:00	) (	(AM) (PM)	
ell on Li	ine;		Started	2	0 at		(AM) (PM)	Taken		20	at	(	(AM) (PM)	
						OBCEDVE	D CUDEAC	C DATA		<del>,</del>	D / O)	24		
	044	ifice		Pressure	Flowing Temperature t	[	Casing   Wellhead Pressure   (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )   psig   psia		T	ubing	Duration of Shu	I-in	in . — Hours	
atic / namic	Siz			Differential re in Inches H <sub>2</sub> 0		Well Head Temperature t			Wellhead Pressure (P <sub>w</sub> ) or (P <sub>c</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
perty	(inch								psig	psia			-	
nut-In							132	146.4	132	146.4	24			
low			:											
						FLOW STR	EAM ATT	RIBUTES						
Plate		Circle one: Meter or		Press Extension		Gravity		Flowing Devia		Metered Flo			Flowing Fluid	
Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> )		Prover Pressure		✓ P <sub>m</sub> xh	Fact F <sub>s</sub>	(or	Factor F		ttor R (Mcfd)		(Cubic F Barre		Gravity	
Mofd		psia						F,,					G <sub>i</sub>	
. n			<b>(5</b> . ).			OW) (DELIVI						a) = 0.2	07	
)² =		<u>:</u>	(P <sub>w</sub> ) <sup>2</sup> = _	hoose formula 1 or 2			T	P <sub>c</sub> - 14.4) +		:	(P)			
$(P_g)^2 - (P_g)^2$ or $(P_g)^2 - (P_g)^2$		(P <sub>c</sub> )² - (P <sub>w</sub> )²		1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	LOG of formula	formula 1. or 2. and divide p 2 p 2		Backpressure Curve Slope = "n" Assigned Standard Slope		.og !	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
				2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	and divide					i ;	Annog			
			.3	evided by: $P_c^2 - P_w$	2 by	<u>:                                   </u>	Stant	Jaid Slope				<del>- </del>		
							<del> </del>			· · · · · · · · · · · · · · · · · · ·				
										Male				
en Flov	N		<del> </del>	Mcfd @ 14.	65 psia		Deliveral	bility			Mcfd @ 14.65 p	sia		
The u	ınders	igned	d authority, on	behalf of the	Company, s	states that he	e is duly a			•	ort and that he h	nas know	ledge of	
facts st	tated t	herei	n, and that sai	d report is true	e and correc	t. Executed	this the 1	5	day of No	ovember		. 1	20 12	
									//-	hal		h		
			Wilness (if	any)					VV	For	Company	o ce		
			For Commis	sion						Chr	icked by			

## NOV 1 6 2012

KCC WICHITA
I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status 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
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the Grothe B 1-23
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 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from testing.
Date: _11/15/2012
Date:
_
Signature: Alutha Soubre
Title: Aletha Dewbre, Regulatory Specialist

## 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.