## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

orm	G-2
(Rev.	7/03)

Type Test:	:				(3	See Instru	ıctio	ns on Rev	erse Side	)						
Ор	en Flow															
Del	liverabili	ty			Test Date: 9/30/2012				API No. 15 007-30263 <b>-0600</b>							
Company Chesap		Operating,	Inc.		GOG EG I			Lease Morrow A				Well Number				
County			ation		Section			TWP		RNG (E/W)		Acres Attributed				
Barber		N/2 I	N/2 I	N/Z	1			35S		14W					RECF	
<sup>Field</sup> Blunk S	South				Reservoir Cherokee					Gas Gathering Conne Oneok Energy Serv			rices DEC o			
Completic 8/15/66					Plug Back Total Depth				Packer Set at None			ection vices  To 4839				
Casing Si 5	ize	Wei	ght		Internal Diameter			Set a 4925		Perforations 4824			To			
Tubing Si 2 3/8	Tubing Size Weight 2.3/8 4.7			Internal Diameter 1.995			Set a 4832		Perfo	Perforations						
Type Completion (Describe) Single Gas			Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No Pump Unit										
Producing Annulus		Annulus / Tub	ing)	· · · · · ·	% C	arbon Did	xide	•		•				avity -	$\overline{G_{g}}$	
Vertical D						Pr	essu	ire Taps					(Meter I	Run) (F	Prover) Size	
4925 Pressure	Buildup	: Shut in 9	/30	20	12 at 7:	:00	(/	AM) (PM)	Taken 10	)/1	20	12	7:00		(AM) (PM)	
Well on L	ine:	Started		20	) at		(/	AM) (PM)	Taken		20		at		(AM) (PM)	
						OBSER	/ED	SURFACE	DATA			Dura	tion of Shut-	in 24	Hours	
Static / . Dynamic Property	Orific Size (inche:	Prover Pres	ssure	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Hea Temperatu t .		Casi Wellhead I (P <sub>w</sub> ) or (P <sub>t</sub>	Pressure ) or (P <sub>c</sub> )	$(P_w)$ or $(P_i)$ or $(P_c)$ (Hou		Duration (Hours)	Liquid Produced (Barrels)			
Shut-In		psig (i'ii	11)	inches 11 <sub>2</sub> 0				psig 42	psia 56.4	psig 10			24			
Flow																
						FLOW S	TRE.	AM ATTRI	BUTES							
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √P <sub>m</sub> xh	Gravity 1 Factor 5		Ter	emperature F		iation ctor pv	i i		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ·) <sup>2</sup> =		.: (P <sub>w</sub> ) <sup>2</sup>	2 =	·	(OPEN FLO		IVEI _%		CALCUL - 14.4) +					2 = 0.2 2 =	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> Choose formula 1 or 2 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>		LOG of formula 1. or 2.			Backpressure Curve Slope = "n"		n x l	og	Antilog		Open Flow Deliverability Equals R x Antilog			
(r <sub>e</sub> )*- (t	d)-		1	ed by: $P_c^2 - P_w^2$	and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	]		signed ard Slope		L J		·		(Mcfd)	
Open Flo	w			Mcfd @ 14.0	35 psia			Deliverabi	ility			Mcfd	@ 14.65 ps	ia		
The ι	undersig	ned authority,	on be	ehalf of the	Company, s	tates that	he	is duly au	thorized to	o make th	e above repo	ort and	d that he ha	is knov	wledge of	
ne facts s	tated the	erein, and that	said r	report is true	and correct	t. Execut	ed th	nis the 30	)	day of N	ovember				20 12	
		. ,		,				···		,		,			·	
		Witnes	s (if any)	)							For	Compan	/			
											. •	,				
		For Co	mmission	n				_			Che	cked by				

## DEC 0 3 2012

	KCC WICHITA
, , , , , , , , , , , , , , , , , , , ,	ne laws of the state of Kansas that I am authorized to request ehalf of the operator Chesapeake Operating, Inc.
	nd statements contained on this application form are true and
• • •	based upon available production summaries and lease records
•	empletion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from	
gas well on the grounds that said well:	
,	
(Check one)	
is a coalbed methane produ	ıcer
is cycled on plunger lift due	to water
is a source of natural gas fo	or 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	r exemption from testing.
Date: 11/30/2012	
Sign	nature: allitha Dewore
_	Title Aletha Dewbre, Regulatory Specialist
	Title: _Aletna 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.