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

Type Test:			(	See Instruct	tions on Re	verse Side	)					
Open Flo			):			API	No. 15 910280 – S	00-00				
Company Chesapeake Operating, Inc.			5/18/12  Lease Harrington C			ton C	1			Well Number		
County Location Meade SE NW SE			Section 21		TWP 34S		RNG (E/W) 26W			Acres Attributed		
Field McKinney			Reservoir Morrow/Chester				Gas Gathering Connection DCP MidStread Marketing, L.P.				-	
Completion Date 4/29/59			Plug Back Total Depth 6105			Packer Set at 6091			•			
Casing Size 5 1/2	15.5			Diameter	Set at <b>6167</b>		Perforations 5984'		To 6096'			
Tubing Size 2 3/8				Internal Diameter Set at 2.00 6054			Perforations			То		
Type Completion	n (Describe)		Type Flui SW	d Production	n			nit or Traveling ling Plunge	Plunger? Yes	/ No		
Producing Thru Tubing	(Annulus / Tub	lng)	% C	arbon Dioxi	də		% Nitrog	ieu	Gas G	ravity - G <sub>g</sub>		
Vertical Depth(F	1)			Pres	sure Taps		<del></del>		(Meter	Run) (Prover)	Size	
	ssure Buildup: Shut in 5/17			12 at 8 (AM) (PM) Take			18	20	12 at 8	12 at 8 (AM) (PA		
			0 at	at (AM) (PM) Taken _			20 at			(AM) (PM)		
	,			OBSERVE	D SURFACI	E DATA			Duration of Shut	-in	Hours	
Static / Orifi Dynamic Siz Property (inch	e Prover Pres	Differential In	Flowing Temperature t	Well Head Temperature t	Prature $(P_u)$ or $(P_t)$ or		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_q)$ psig psia		Duration (Hours)	· '	Liquid Produced (Barrels)	
Shut-In					210	psla 224.4	210	224.4	24			
Flow												
· · · · · · · · · · · · · · · · · · ·		<u> </u>	<del></del>	FLOW STR	EAM ATTR	IBUTES						
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd  Circle one:  Meter or  Prover Pressure  psia		Press Extension Pmxh	Extension Fact		Flowing Temperature Factor F <sub>f1</sub>		Deviation M Factor F <sub>pv</sub>		Metered Flow GO R (Cubic (Mcfd) Barr		ring aid vity	
	·	<u> </u>	400511.51									
(Pa)2 =	_: (P <sub>w</sub> )²	•:	OPEN FLO	OW) (DELIV		}		:		) <sup>2</sup> = 0.207 ) <sup>2</sup> =		
$(P_a)^2 \cdot (P_a)^2$ or $(P_a)^2 \cdot (P_d)^2$	(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> Choose formula 1 or 2:  1. P <sub>e</sub> <sup>2</sup> - P <sub>e</sub> <sup>2</sup> 2. P <sub>e</sub> <sup>2</sup> - P <sub>e</sub> <sup>2</sup> divided by: P <sub>e</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide by:		Backpressure Curve Stope = "n"		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow		Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd <b>©</b> 14.65 ps	<u> </u>		
The unders		on behalf of the	Company, s		e is duly au	thorized to		•				
		(if any)			_				Company	RE	CEI	
	For Cor	nmission			-			Çhe	cked by	NUC	1 1	

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 Harrington C 1-21 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: June 8, 2012
Signature: Aletha Dewbre, Regulatory Specialist
Title: Neura Dewore, 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.

RECEIVED
JUN 1 1 2012
KCC WICHITA