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

Type Test	:				(s	See Instruct	ions on Re	verse Side	)				
Open Flow					Test Date:				API	No. 15	-meril		
Deliverabilty				10/14/2011				075	-20617	0000			
Company Chesap		Op	perating, In	C.			Lease Simmo	onds			2-28	Well Number	
County Hamilton				Location SW NE NE		Section 28		TWP 21S		W)	Acres Attributed		
Field Bradshaw				Reservoir Chase/Krider				Gas Gathering Connection Bradshaw Gas Gather					
Completion Date 2/10/1997				Plug Back Total Dep 2810			h	Packer Set at None					
Casing Size			Weight 9.5#		Internal Diameter 4.090"		Set at 2805		Perforations 2782		то 2787		
Tubing Size			Weight 4.7#		Internal Diameter 1.995"		Set at 2805'		Perforations		То		
Type Con	Type Completion (Descri				Type Fluid Production				Pump Unit or Traveling Plung		Plunger? Yes	/ No	
Single Gas Producing Thru (Annulu			rulus / Tubing)		Water % C	arbon Dioxi	de		Pump Unit % Nitrogen		Gas Gravity - G		
Annulus											.748		
Vertical Depth(H) 2805				Pressure T Flange					(Meter Run) (Prover) Size 2.067				
Pressure	Buildup	): :	Shut in	4 20	11 at 7:	00	(AM) (PM)	Taken_1(	0/15	20	11 at 7:00	(AM) (PM)	
Well on L	ine:	;	Started	20	) at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA	**		Duration of Shut-	in 24 Hours	
Static / Dynamic Property	namic Sizo		Gircle one: Mater Prover Pressur psig (Pm)	. ,	Flowing Well Head Temperature t		e Wellhead Pressure $(P_w)$ or $(P_l)$ or $(P_g)$		Tubing Wellhead Pressure $(P_w) \propto (P_1) \propto (P_0)$		Ouration (Hours)	Liquid Produced (Barrets)	
Shut-In		;	paig (Fili)	Inches H <sub>2</sub> 0			114	128.4	psig 45	59.4	24		
Flow													
						FLOW STR	REAM ATTE	RIBUTES					
Plate Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure paia	Press Extension P <sub>m</sub> xh	Gravity Factor F <sub>a</sub>		Flowing Temperature Factor F <sub>II</sub>	Fe	viation actor F <sub>pv</sub>	Metered Flow R (Mcfd)	y GOR (Cubic Fe Barrel)	Gravity	
					_								
(n. \2			(5.12		(OPEN FLO	OW) (DELIV		Y) CALCUI [P <sub>e</sub> - 14.4) +		-	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.207	
$\frac{ P_c ^2}{(P_c)^2 - (P_d)^2}$ or $(P_d)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> · (P <sub>w</sub> ) <sup>2</sup>		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>a</sub> <sup>2</sup> Midded by: P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	rormula 1 or 2:  Po 2 - Po 2 LOG of formula  Po 2 - Po 2 1, or 2.  and divide		Backpressure Curvi Slope = "n" or Assigned Standard Slope				Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				- * *				- -					
Open Flo	w			Mcfd @ 14.	65 psia		Delivera	bility			Mcfd @ 14.65 ps	ia	
				behalf of the				_	to make the	ne above repo	ort and that he ha	as knowledge of	
			,	,			_		DIN	1	21.	RECEIVE	
			Witness (if	any)		<del></del>				For	Company	NOV 1 4 20	
			For Commi	ssion						Che	cked by		

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 Simmonds 2-28 gas well on the grounds that said well:
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: 11/9/2011
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.

RECEIVED

NOV 1 4 2011