KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See In:	structi	ons on Re	verse Side	9)						
Op	en Flo	w			Test D	ato.				ΔĐΙ	No. 15					
Deliverabilty				9/19/1					129	API No. 15 129-21133 - 🗢 - 🖘						
Company Chesapeake Operating, Inc.						Lease Hayward B				2			2-35 V	Well Number 2-35		
County Morton					Section 35			TWP 31S		RNG (E/W) 40W					Attributed	
Field Kinsler				Reserv Morr e				Gas Gathering Conn Chesapeake Energ			gy Marketing, Inc.			RECEIVED OF SECOND PROPERTY OF THE PROPERTY OF		
Completion Date 8/20/92			_	Plug Back Total Depth 5775			Packer Set at		Set at	NOI		NOV 0 g				
Casing Size 4.5			Weigh 10.5	4.052	Internal Diameter 4.052			Set at 5819		Perforations 5405		To 5748	K	CC WICH		
Tubing Size			Weigh		Internal Diameter 1.995			Set at 5743		rforations		То		• • • •		
Type Completion (Describe) Gas				Туре Р	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Pump Unit							
Producing Thru (Annulus / Tubing)				%	% Carbon Dioxide				% Nitrogen			Gas Gravity - G				
Annulus							D	Tono	·	·			/Mateur C)a\ (D)	rover) Size	
Vertical D 5820	eptn(r	1)					Press	ure Taps					(weter H	iun) (Pi	rover) Size	
Pressure	Buildu	ıp:	Shut in 9/1	9	20_12 at.	11		(AM) (PM)	Taken_9/	/20	20	12 at _	11	(AM) (PM)	
Well on L	ine;		Started		20 at			(AM) (PM)	Taken	Sallida comunication de la constitución de la const	20	at		(AM) (PM)	
						OBSE	ERVE	SURFAC	E DATA			Duration	of Shut-i	_n 24	Hours	
Static / Dynamic Property	Orif Siz (inch	Meter Prover Pressure		i	Temperatu	I	rature	Casing Wellhead Pressure (P _*) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)		
Shut-in	,,,,,,	psig (Pm)		Inches H	0			psig 50	psia 64.4	psig 0			24			
Flow														 		
			l	, I	l	FLOW	/ STRI	EAM ATTR	RIBUTES	·		l				
Plate Coeffictient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extensio ✓ P _m x	n F	ravity actor F _e	To	Flowing emperature Factor F ₁₁	F	viation actor F _{pv}	Metered Flor R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
	ļ				(OPEN)	EL (1)(//) ((1)	FLIVE	ERABILITY) CALCIII	ATIONS						
P _c) ² =		:	(P _w)² ≈	; ;	•	=	%		P _o - 14.4) +		:			= 0.2 =		
$(P_c)^2 - (P_k)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _d ² 2. P _c ² - P _d ²	1. P ₂ ² - P ₃ ² LOG o tormula 2. P ₂ ² - P ₄ ² 1. or 2 and dividual to the control of		⊃ _w 2	Backpressure Curve Slope = "n"or Assigned Standard Slope		9	LOG	Antii	Antilog		Open Flow Deliverability Equals R x Antilog (Mctd)	
Open Flo	w			Mcfd @	14.65 psia			Deliveral	bility			Mcfd @ 1	4.65 psia	<u>a</u>		
			-	n behalf of t				•			ne above repo	ort and the	at he has		ledge of 20 12	
	-		Witness	if any)							For	Company		-0		
,	P		For Com	nission							Che	cked by				

NOV 0 9 2012

KCC WICHITA

l declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
	ler Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc
	joing pressure information and statements contained on this application form are true and
_	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the Hayward B 2-35
	ounds that said well:
, e.,e g.	
(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
_	e to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as necessar	y to corroborate this claim for exemption from testing.
Date: 11/8/12	
	Signature: Alitha Dewbre
	Title: Aletha Dewbre, Regulatory Specialist I
	ine.

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.