KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instruc	tions on Re	everse Side	;)				
Ope	n Flow			Test Date	. .			A DI .	No. 15			
Deli	iverabilty	•		9/23/20						2000		
Company Chesap	eake C	Operating,	Inc.			Lease Kinch	eloe			2-3	Well Number	
County Location Section Hamilton NE 03						TWP 23S		RNG (E/W) 41W		Acres Attributed		
Field Reservoir Bradshaw Winfield									Gas Gathering Connection OneOk Energy Services			
Completion Date 4/2/94				Plug Bac 2625	k Total Dep	oth	n		et at .			
Casing Siz	Casing Size Weight 9.5			Internal D 4.090	Diameter	Set at 2625		Perforations 2577		то 2559		
Tubing Siz	Tubing Size Weight 2.375 4.7			Internal D 1.995	Diameter	Set at 2614		Perforations		То		
	Type Completion (Describe) Single Gas Type Fluid Pro- Water					วท		Pump Unit or Traveling Plunger? Yes / No Pump Unit				
Producing Annulus		nnulus / Tubir	ng)	% C	arbon Diox	ride		% Nitrogen		Gas G . 768	Gas Gravity - G	
	Vertical Depth(H)					ssure Taps	eluaaru in a				Run) (Prover) Size	
Pressure E	Buildup:	Shut in 9/2	23 2	0 10 at 1	1	(AM) (PM)	Taken 9/	24	20	10 at 11	(AM) (PM)	
Well on Li	Well on Line: Started 20			0 at		(AM) (PM	AM) (PM) Taken		20	at	(AM) (PM)	
			Pressure	e"	OBSERVE	ED SURFAC		1		Duration of Shu	t-in 24 Hour	
Static / Dynamic Property	Orifice Size (inches)	Size Meter Prover Pressure		Flowing Well Head Temperature t * t.		(P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In) Inches H ₂ 0	!		49	63.4	120	134.4	24		
Flow												
	······································				FLOW ST	REAM ATT	RIBUTES	——————————————————————————————————————				
Plate Coeffiecie (F _b) (F _p Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension P _m xh	Grav Fac F	tor Temperature		Deviation Factor F _{pv}		Metered Flo R (Mcfd)	w GOR , (Cubic F Barre	eet/ Fluid Gravity	
						ť	-					
/D \2		. /D.\2		(OPEN FL			•				$()^2 = 0.207$ $()^2 =$	
$(P_c)^2 = $	_	(P _w) ²	Choose formula 1 or 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpr SI-	ressure Curve ope = "n" or ssigned dard Slope	n x l	og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
									4		•	
			***************************************			<u>.</u>					1.	
Open Flow	v		Mcfd @ 14.	65 psiå		Delivera	bility	<u></u>		Mcfd @ 14.65 p	sla	
				1					-	ort and that he h		
he facts st	ated ther	rein, and that s	said report is true	e and correc	t. Execute	d this the		day of			, 20 <u>10</u> REC	
		Witness	(if any)					· · · · · · · · · · · · · · · · · · ·	For	Company	DEC	
									•		D #8 6 *	

exempt sta and that th correct to t of equipme I hereb	are under penalty of perjury under the laws of the state of Kansas that I atus under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake One foregoing pressure information and statements contained on this appetite best of my knowledge and belief based upon available production surface the installation and/or upon type of completion or upon use being made of any request a one-year exemption from open flow testing for the Kinchelous in the grounds that said well:	perating, Inc plication form are true and mmaries and lease records the gas well herein named.
and that th correct to t of equipme I hereb	ne foregoing pressure information and statements contained on this appeared best of my knowledge and belief based upon available production sunent installation and/or upon type of completion or upon use being made of by request a one-year exemption from open flow testing for the Kincheloogies	plication form are true and mmaries and lease records the gas well herein named.
of equipme I hereb	ent installation and/or upon type of completion or upon use being made of by request a one-year exemption from open flow testing for the Kinchelon	the gas well herein named.
I hereb	by request a one-year exemption from open flow testing for the Kinchelo	"
	(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 under	going 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 furthe	er agree to supply to the best of my ability any and all supporting docume	ents deemed by Commission
staff as ne	cessary to corroborate this claim for exemption from testing.	
- NI		,
Date: Nov	vember 15, 2010	
		•
	Signature:	0-
	Title: David Wiist, Production Eng	jineer
•		

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

DEC 0.6 2010