KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	tions on Re	everse Side	e)				
	en Flov				Test Date	e:			API	No. 15	\sim		
	liverabi	ıty 			5/6/201	1			033	321340 -	$\frac{1}{2}$		
Company Chesa p		Op	erating, Inc	о.			Lease Pierce)			5-27	Well Nu	umber
County Comanche			Location NW NW		Section 27			TWP 32S		W)	Acres Attributed		Attributed
Field Bird East				Reservoir Missi ssippi					Gas Gathering Connection Oneok Energy Services				
Completion Date 1/4/03			,	Plug Back Total Dept 5933					Packer S	Set at			
Casing Size 5 1/2"			Weight 15.5		Internal Diameter 4.950		Set at 5950		Perforations 5122		то 5242		
Tubing Size 2 7/8"			Weight 4.7	Internal Diar 2.441		Diameter	ameter Set at 5105		Perforations		То		
Type Con	pletion	De	escribe)	•	Type Flui	d Production	า		Pump Ur	nit or Traveling	Plunger? Yes	/ No	
	g Thru		nulus / Tubing)		% C	Carbon Dioxi	de		% Nitrog	jen	Gas G	ravity -	G _g
ertical D)				Pres	sure Taps	- iounne - università			(Meter	Run) (F	rover) Size
ressure	Buildup	o: {	5/6	2	11 at 8		(AM) (PM)	Taken_5	7	20	11 at 8		(AM) (PM)
Vell on L	ine:	:	Started	2	0 at		(AM) (PM)	Taken	y	20	at		(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut	-in_24	Hours
Static / Dynamic Property			Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Wellhe	Tubing rad Pressure r (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			P-3 ()	2			220	234.4	245	259.4	24		
Flow													
	1					FLOW STF		RIBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	tension Fac		Flowing Temperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	v GOR (Cubic Fo Barrel		Flowing Fluid Gravity G _m
) ² =			(P) ² =	·	(OPEN FL	OW) (DELIV		Y) CALCUI [P _c - 14.4) +) ² = 0.2	207
(P _c) ² - (I	•	(P _c) ² - (P _w) ²		ose formula 1 or 2: 1. P _c ² -P _s ² 2. P _c ² -P _d ded by: P _c ² -P _w ² LOG of formula 1. or 2. and divide by:		***************************************	Backpr Slo	Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG [·	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	L			Mcfd @ 14	.65 psia		. Delivera	bilitv			Mcfd @ 14.65 ps	l sia	
		aner	1 authority on			states that h			to make th	ne above rend	ort and that he h		vledae of
			n, and that said						day of				20 11
										P*	Company	R	ECEIVE
			Witness (if a	iny)	•					For (Company	cı	P 0 6 2
			For Commis	sion						Che	cked by	J	_, 002

emp	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.
and tha	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	oment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the Pierce 5-27
	Il 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
l fu	rther 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:	July 8, 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 former signed and dated on the front side as though it was a verified report of annual test results.

SEP 06 2011