KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		+		· (See Instruct	tions on Rev	erse Side	e)			
Op	en Flo	w			To a Bai				4.0	LNL 45		
De	liverat	oilty			Test Date 10/19/20					1 No. 15 321340 ~ (0000	
Company Chesapeake Operating, Inc.						Lease Pierce			Well Number 5-27			Well Number -
County			Loca NW N	ion	on Section			TWP 32S		:/W)	Acres Attributed	
Field Bird Ea	st			M	Reservoir	່າວກ່		`		thering Conn Energy Serv		
Completic 1/4/03	on Da	te	,	-	Plug Bac 5933	t Total Dept	th		Packer :	Set at		
Casing S 5 1/2 "	ize		Weig 15.5	ht	Internal Diameter 4.950		Set at 5950		Perforations 5122		то 5242	
Tubing Size 2 7/8"			Weig 4.7	ht	Internal Diamete 2.441		Set at 5105		Perforations		То	
Type Con	npletio	n (De	escribe)	,	Type Flui	d Production	า		Pump U No.	nit or Traveling	Plunger? Yes	/ No
Producing	-	(Anı	nulus / Tubir	g)	* % C	arbon Dioxi	de		% Nitro	gen	Gas Gr	avity - G _g
Vertical D	_	 		 		Press	sure Taps				(Meter F	Run) (Prover) Size
	Buildu	ıp:	Shut in10	/19	0 10 at 8		(AM) (PM)	Taken_1(0/20	20	10 at 8	(AM) (PM)
Well on L	.ine:		Started								at	
					:	OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orif Sia (inch	ze	Circle one: Meter Prover Press		Flowing Temperature t	Well Head Temperature t	Casi Wellhead (P _w) or (P	Pressure	Wellho	Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			psig (Pm)	Inches H ₂ 0			psig 220	psia 234.4	psig 223	234.4	24	
Flow												
	 			· · · · · · · · · · · · · · · · · · ·		FLOW STR	EAM ATTR	BUTES				
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xh	Grav Fac F	tor	Flowing Femperature Factor F _{tt}	mperature Factor F (Mr(rt) Barrel)		Flowing Fluid Gravity G _m		
				<u> </u>	:					.,		
(m.)0			(m.).n.		,	OW) (DELIV						² = 0.207
$(P_c)^2 = _{}$		=:	(P _w) ² :	Choose formula 1 or 2	P _a =			' _c - 14.4) +			(P _d)	: =
(P _c) ² - (I or (P _c) ² - (I	•	(F	P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slop	signed	- 1	LOG	Antilog	Open Flow Deliverability Equals R x Antilog
				divided by: Pc2 - Pw	2 by:		Standa	ard Slope		L		(Mcfd)
						· · · · · · · · · · · · · · · · · · ·						
Ópen Flo	w		·	Mcfd @ 14	65 psia		Deliverab	ility			Mcfd @ 14.65 psi	a
The (unders	igne	d authority, o	n behalf of the	Company, s	states that h	e is duly au				ort and that he ha	s knowledge of
the facts s	tated t	herei	n, and that s	aid report is tru	e and correc	t. Executed	this the 1s	<u>st</u>	day of _	December		, 20 10
			Witness	(if any)		***************************************	_			For (Company RE	CEIVED
			For Com	nission	1.	······································				Che	rked by	2 1 3 2010
							25				שע	L.U١U و ا

l de	clare 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.
	t 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
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	reby request a one-year exemption from open flow testing for the Pierce 5-27
gas wel	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 fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as	necessary to corroborate this claim for exemption from testing.
Date: _C	ecember 1, 2010
	Signature:
	Title: David Wiist, Production Engineer

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.

DEC 13 2010