KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	Ι,				(See Instruc	tions on Re	verse Side	")					
Op	en Flor	N			Test Date				A D1	No. 15				
✓ De	liverab	ilty				_{;:} per 20, 201	15			No. 15 85 2-14 -590	PP 23 145	-000	0	
Company Castelli		ora	tion, Inc.				Lease Aiken				#3	Well Nu		
County Stafford				Section 6		TWP 25S			RNG (E/W) 15W		Acres /	Attributed		
Field Farmington			Reservoir Howard				Gas Gathering Connection Lumen Energy							
Completion Date 1/03/02			Plug Back Total Depth 3258'				Packer S	et at						
Casing S 4 1/2"			Internal [Diameter	Set at 3294'		Perforations 3152		то 3154					
Tubing S 2 3/8"			t	Internal [Diameter	Set at 3149'		Perforations 3152		то 3154				
Type Completion (Describe) Single Gas Perfed & Frac Zone				Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? Yes / No Pumping Unit						
Producing		(Anı	nulus / Tubing	3)	% C	arbon Dioxi	ide		% Nitrog	-	Gas G	ravity - (G _g	
Vertical C)				Pres	sure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildu	D: 1	Shut in Nov	vember 2 2	15 _{at} 8	:00	(AM) (PM)	Taken No	ovembe	r 21 ₂₀	15 _{at} 8:00		(AM) (PM)	
Well on L	ine:										at			
						OBSERVE	D SURFAC	E DATA			Duration of Shut	-in	Hours	
Static / Orifice Dynamic Size Property (inches		9	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Hear Temperature Temperatur		Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			poig (i m)	mones ri ₂ 0			psig 145	_{psla} 159.4	psig	psia			.	
Flow														
ſ				1		FLOW STE	REAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Extension Fact		tor Temperature		riation actor e pv	Metered Flow R (Mcfd)	GOR (Cubic Fo Barrel	eet/	Flowing Fluid Gravity G _m	
(P _c)² =		_:	(P _w) ² =	·:	•	, ,	/ERABILITY % (F	•	.ATIONS · 14.4 =	;) ² = 0,2	207	
(P _c) ² - (l	P _a) ²		P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide	P _c ² - P _w ²	Backpre Sloj 	ssure Curve pe = "n" or signed ard Slope	n x l	ГЛ	Antilog	O De Equal	pen Flow Ilverability s R x Antilog (Mcfd)	
			1											
Open Flo	!. w			Mcfd @ 14.	65 psia	•	Deliverat	ility		i	// // // // // // // // // // // // //	sia	<u> </u>	
The	undersi	gne	d authority, o	n behalf of the	Company, s	states that h	he is duly a	uthorized t	o make th	e above repor	t and that he h	as knov	ledge of	
the facts s	tated th	nerei	in, and that s	aid report is true	and correct KANSA	t. E ktepte o S CORPORATI	vehi s the <u>2</u> ON COM₩SSK	1st ON	day of	anuary		,	₂₀ <u>16</u> .	
			Witness (if any)		FEB 0	. 2018 -	Th	n J.) (aux	ompany			
			For Comm	nission	 60	NSERVATION WICHITA		<u>-</u>		Check	ked by			

exempt status und and that the foreg correct to the best	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc. oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records lation 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 Aiken #3
	bunds 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 et to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: January 21	, 2016
Kans	Received as corporation commission FEB 0 1 2018 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.