KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		ONE	FUINT 3		See Instruc				:NADILI I	1 1231		
Open Flow Deliverability				Test Date: January 29th, 2014			API No. 15 15047003620000						
Company Castelli Exploration, Inc.				Lease Barstow			w		#1	Well No	ımber		
County Edwards			Locati SW N		Section 11		TWP 25S			RNG (E/W) 16W		Acres	Attributed
Field Wil			Reservoir Kinderl			Gas Gathering Co Lumen Energy			ection				
Completion 4/16/57		e	·	Plug Bac 4365'	Plug Back Total Depth 4365'				Packer Set at None				
Casing S 5 1/2"	ize	Weight			Internal Diameter		Set at 4369		Perforations 4265-74		То		
Tubing S	ize		Weigh	nt	Internal Diameter		Set at		Perforations		То	_	
Type Cor Single (escribe) Perforati	ons	Type Flui Conde	d Productio nsate	n			it or Traveling	Plunger? Yes		
Producing Annulus	_	(Anr	ulus / Tubin	g)	% C	arbon Dioxi	ide		% Nitrog	en	Gas G	iravity -	G _g
Vertical D		1)				Pres	sure Taps	<u> </u>			(Meter	Run) (F	rover) Size
Pressure	Buildu	p: -	Shut in Jar	uary 29th 2	14 at 8	:00	(AM) (PM)	Taken_Ja	anuary 3	Oth 20	14 at 8:00		(AM) (PM)
Well on L	.ine:	,	Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
	I		8' 1		1	OBSERVE	D SURFAC		T		Duration of Shu	t-in	Hours
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential ure in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	rature Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		
Shut-In							140	154.4	psig				
Flow							<u> </u>						
			<u> </u>			FLOW STE	REAM ATTE	IBUTES	<u>.</u> T				1
Plate Coefficcient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psla		Press Extension	Extension Fact		Flowing Temperature Factor F _{rt}	nontrial l		Metered Flov R (Mcfd)	w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m
													<u></u>
(P _c) ² =		_:	(P _w)² =	·:		OW) (DELIV		-	.ATIONS - 14.4 =	:		$(a)^2 = 0.3$ $(a)^2 = $	207
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ² 1		1. P _c ² -P _c ² 2. P _c ² -P _c ² divided by: P _c ² -P _c	LOG of formula 1. or 2. and divide	Slop		ssure Curve pe = "n" n x -or signed ard Slope		.og	Antitog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo)w			Mcfd @ 14	65 psia		Delivera	nility			Mcfd @ 14.65 p	nsia	
		igne	d authority, c	_		states that I		·	to make th	e above repo	ort and that he		wledge of
		-	•	aid report is tru	e and correc	ct. Executed	d this the $\frac{2}{2}$	3rd	day of C	•	-		20 14 .
			Witness	(if any)		Receive CORPORATION		_11	n)	Cath	Company		
			For Com	mission	D	EC 3 1	2014			Che	cked by		
					CONS	SERVATION D WICHITA, K	DIVISION S						

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 der Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc. going pressure information and statements contained on this application form are true and tof 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 Barstow #1
	ounds that said well:
(Check	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 Commission y to corroborate this claim for exemption from testing.
Date: October 23	s <u>,</u> 2014
[Received CORPORATION COMMISSION Signature: DEC 3 1 2014 Title: President SERVATION DIVISION WICHITA, KS

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.