KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instruct	ions on Reve	rse Side)				
☐ Open Flo ☐ Deliverab				Test Date October	: 18, 2014				No. 15)33-21584-0	0-00		
Company Castelli Exp	lora	tion, Inc.	_			Lease Gregg		- I		2-29	Well Nu	mber
County Comanche		Location N2 NW SE NW		Section 29		TWP 33S		RNG (E/W) 16W			Acres A	ttributed
Field Ham				Reservoir Mississ					nering Conne	ction		
Completion Dat 06-22-2012	e	Plug Back Total Depth Packer S 5117		et at								
Casing Size 5 1/2"				Internal Diam		Set at 5162		Perforations 5002-06		то 5014-18		,
Tubing Size 2 7/8"	ubing Size We			Internal Diameter		Set at 4938		Perforations 5023-27		То		
Type Completio Single Zone			ns	Type Flui Oil/Sal	d Production twater	Pump Unit or Trav Pumping Unit			Plunger? Yes	/ No		
Producing Thru Annulus	(Ani	nulus / Tubing)		% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G	·.
Vertical Depth(F	H)				Press	sure Taps				(Meter I	Run) (Pr	over) Size
Pressure Buildu	p;	Shut in Octo	ber 18 2	0_14_at_8:	:00	(AM) (PM) 1	aken_O	ctober 1	8 20	14 _{at} 8:00	(AM) (PM)
Well on Line:		Started	20	0 at	1 - 11 - 1	(AM) (PM) 1	āken	·	20	at	(AM) (PM)
					OBSERVE	D SURFACE		1		Duration of Shut-	in	Hours
Static / Orifi Dynamic Siz Property (inch	.0	Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P ₁)	ressure	Wellhe	ubing ad Pressure (P _L) or (P _c)	Duration Liquid Produced (Hours) (Barrels)		
Shut-In						-	639.4	pang	pola			
Flow		_		-	FI OW STR							
Plate		Circle one:	Press			Flowing				1		Flowing
Coefficcient (F _b) (F _p) Mcfd	Pro	Meter or over Pressure psia	Extension P _m x h	Grav Faci F	tor 7	emperature Factor F _{II}	Fa	iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Fluid Gravity G _m
											<u> </u>	
(P) ² =	:	(P) ² =	:	(OPEN FLO	, ,	ERABILITY) % (P.		ATIONS 14.4 =	:	(P _a)	² = 0.2	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(F	P _c) ² - (P _w) ²	hoose formula 1 of 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ ivided by: $P_c^2 - P_s^4$	LOG of formula 1, or 2, and divide	P.2- P.2	Backpress Stope Assi	sure Curve = "n" or gned rd Slope		.og	Antilog	Op Deli Equals	en Flow verability R x Antilog (Mcfd)
											<u> </u>	
Open Flow			Mcfd @ 14.	65 psia		Deliverabil	ity	<u>-</u>		Mcfd @ 14.65 ps	ia	
The unders	-	• •		• •		•			•	rt and that he ha	as know	-
		Witness (if	anv)	i Kansas cof	Received	mmission —		Pan (D CA	ompany		
		For Commis			C 3 1 2 0					ked by		

CONSERVATION DIVISION WICHITA, KS

exempt status und and that the foreg correct to the best of equipment insta	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 operatoroing 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 llation 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
gas well on the gro	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
I further 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: November	<u>24, 2014</u>
NAMSAS CO.	Received RPORATION COMMISSION Signature: President Title: President

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.