## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	<b>:</b>				(	See Instru	ctions on Re	verse Sid	e)					
Op	en Flo	w			Test Date	١,			ΔD1	No. 15				
<b>√</b> De	liverab	ilty			· •	oer 2, 201	5			04721460	000	0		
Company Castelli		lora	tion, Inc.				Lease Martin	Spain				#2	Vell Nu	mber
County Location Edwards SE NE NE		Section 1		TWP 25S		RNG (E/W) 16W			Acres Attributed					
Field Wil	-		·		Reservoir Chase	7				hering Conn n Energy	ectio	n		
Completion 12/28/0		ө			Plug Bac	k Total Der	pth		Packer S	Set at				
Casing Size 4 1/2"			Weigh 10.5#	Internal Diameter			Set at 2248		Perforations 2158-62 2130-34			то 2102 <b>-</b> 12		
Tubing Size 2 3/8"			Weigh	Internal Diameter		-	Set at 2102		Perforations			То		
Type Con			escribe) Perforation	ons	Type Flui Saltwa	d Production				nit or Traveling	Plui	nger? Yes	/ No	
	g Thru		rulus / Tubing		% C	arbon Dio	xide		% Nitrog			Gas Gra	ivity - 0	3,
Vertical D		1)				Pre	ssure Taps	<del></del> -				(Meter F	iun) (Pi	rover) Size
Pressure	Buildu	p: :	Shut in Ced	cember 2 2	0 15 at 8	:00	(AM) (PM)	Taken_D	ecembe	r 3 <sub>20</sub>	15	at_8:00	(	(AM) (PM)
Well on L	ine:		Started	2	0 at		_ (AM) (PM)	Taken	<del></del>	20		at	(	(AM) (PM)
						OBSERV	ED SURFAC	E DATA			Dura	ation of Shut-i		Hours
Static /	Orifi	се	Circle ore:	Pressure	Flowing	Well Head	Ca	sing		lubing				
Dynamic Property	Size P		Meter Prover Pressu psig (Pm)	Differential in Inches H <sub>2</sub> 0	Temperature t		ൂ  Wellhead	Pressure		Velihead Pressure Pw) or (P1) or (Pa) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							160	174.4						
Flow														
					_	FLOW ST	REAM ATT	RIBUTES			,			,
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P <sub>m</sub> x h	Grav Fac F	tor	Flowing Temperature Factor F <sub>ft</sub>	Temperature Factor		viation Metered Flov actor R F <sub>pv</sub> (Mcfd)		w GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G <sub>m</sub>
					(OPEN FL	OW) (DELI	VERABILIT	() CALCU	LATIONS			(P <sub>s</sub> ) <sup>2</sup>	² = 0.2	207
(P <sub>c</sub> ) <sup>2</sup> =		<u>_:</u>	(P <sub>w</sub> .i² ==		P <sub>d</sub> =		_%	P <sub>c</sub> - 14.4) ·	+ 14.4 = _	<del>:</del>		(P <sub>a</sub> );		
(P <sub>c</sub> ) <sup>2</sup> - (I or (P <sub>c</sub> ) <sup>2</sup> - (I		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -P <sub>w</sub>	LOG of formula 1, or 2. and divide	P.2- P.2	SI A	essure Curv ope = "n" or ssigned dard Slope	e n x	roe		Antilog	Del Equals	pen Flow liverability s R x Antilog (Mcfd)
Open Flo	w			Mcfd @ 14	.65 psia		Delivera	bility			Mefe	d @ 14.65 psi		
		iane	d authority =	n behalf of the	•	otatea that		<u> </u>	to make #	ne above ron:		·		uladae of
		_	• •	aid report is tru	• • •		•		day of _	•	л ( aı	TO THAT HE HA		20 <u>16</u> .
						naaiyad	1	7	7. (	7				
			Witness (	if any)		BO				For	Compa	any		
			For Comm	nission	CONSE	RVATION U	NOISIVI			Che	cked t	Dy		<u>-                                    </u>
					555	WICHITA, K	S							

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	penalty of perjury under the laws of the state of Kansas that I am authorized to request r Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc.  ing pressure information and statements contained on this application form are true and if my knowledge and belief based upon available production summaries and lease records ation and/or upon type of completion or upon use being made of the gas well herein named. It a one-year exemption from open flow testing for the Martin Spain #2  unds that said well:
_	s a coalbed methane producer s cycled on plunger lift due to water s a source of natural gas for injection into an oil reservoir undergoing ER s on vacuum at the present time; KCC approval Docket No
staff as necessary  Date: January 21	to corroborate this claim for exemption from testing.
2. P	Received 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.