KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					(See Instruc	tions on Re	verse Side)					
	n Flow verabilt	у			Test Date: August 18, 2014					No. 15 -04721423				
Company Castelli Exploration, Inc.					Lease Martin Spain				#1			Well N	ımber	
County Location Edwards SW NW NE					Section 1		TWP 25S	Opain	RNG (E/W) 16W			Acres	Attributed	
Field Wil				Reservoir Lansin			Gas Gathering Conne Lumen Energy			ection		··		
Completion Date				Plug Bac	y k Total Dep	ith								
10-12-01 Casing Size Weight				4280' Internal E	Diameter		Set at 4314		Perforations					
5 1/2" Tubing Size			Weight		Internal Diameter		Set at		3814-20 Perforations		То			
Type Completion (Describe) Single Gas Zone Perforations				Type Flui Saltwa	d Production	on	Pump Unit or Travelir Pumping Unit			ng Plunger? Yes / No				
Producing '	Thru (Annul	us / Tubing)	<u> </u>	% C	arbon Diox	ride		% Nitrog		Gas G	iravity -	G _g	
Vertical De	pth(H)	<u>.</u>			-	Pres	ssure Taps				(Meter	Run) (F	rover) Size	
Pressure B	Suildun:	Sh	ut in Aug	ust 18	14 _{at} 8	:00	. (AM) (PM)	Taken At	ugust 19	9 20	14 _{at} 8:00		(AM) (PM)	
Well on Line:			Started 2											
						OBSERVE	ED SURFAC	E DATA		<u> </u>	Duration of Shu	t-in	Hours	
Static / Dynamic Property			Circle one: Meter over Pressur		Flowing Temperature t	Well Head	Ca Wellhead	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing ead Pressure r (P _t) or (P _c)	Duration (Hours)	Liqu	id Produced (Barrels)	
Shut-in	•		psig (Pm)	Inches H ₂ 0			psig 160	psia 174.4	psig	psia				
Flow	_				-									
	1		1		1	FLOW ST	REAM ATT	IBUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter ot Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor	Fa	iation ector e pv	Metered Flow R (Mcfd)	w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELI	VERABILITY) CALCUL	ATIONS					
(P _c) ² =		:	(P _w) ² =_	:_	P _d =	, ,		P _c - 14.4) +		<u>:</u>) ² = 0.2 ₃) ² =	207 	
$(P_c)^2 - (P_d)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		thoose formula 1 or 2. 1. P _a ² - P _a ² 2. P _c ² - P _d ² ivided by: P _c ² - P _a ²	1. P _d ² - P _a ² LOG of formula 2. P _c ² - P _c ² 1. or 2. and divide		Sid A	Backpressure Curve Slope = "n"or Assigned Standard Stope		LOG	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)	
<u> </u>					-	-								
0									_ !			<u> </u>		
Open Flow			uthority or	Mcfd @ 14.	<u> </u>		Delivera				Mcfd @ 14.65 p			
				d report is true					day of _C		ort and that he i	nas knov		
						Reco		_	n.	2/4				
			Witness (if			DEC 3			/	<u></u>	Company			
			For Commi:	5SION		NSERVATIO WICHITA	N DIVISION			Che	cked by			

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	er Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc.
and that the foreg	oing 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
	llation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	est a one-year exemption from open flow testing for the Martin Spain #1
gas well on the gro	ounds that said well:
(Check	one)
(Oneck	is a coalbed methane producer
	is cycled on plunger lift due to water
Ħ	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: October 23	. 2014
<u></u>	
	eceived
	ORATION COMMISSION Signature:
DEC	3 1 2014 Title: President
CONSERV	ATION DIVISION HITA, KS
1110	THICK NO

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.