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

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Type Test	;				(·	See Instruc	tions on Re	verse Side	)					
U Op	en Flov	V			Test Date	٠,			ΔΡΙ	No. 15				
✓ Del	liverabi	lty			May 16,					3321452000	00			
Company Castelli		ora	tion, Inc.				Lease Merrill	Ranch				#1-34	Vell Nyr	nber
County Coman	che		Location NW NE		Section 34		TWP 33S		RNG (E/	W)			Acres A	ttributed
Field Ham					Reservoir Mississi				Gas Gati Oneok	hering Conne	ection ,	i.		MCC !
Completic 12/07/05		,			Plug Back 4938	k Total Dep	th		Packer S	Set at		r 4		FEB O
Casing Si 4 1/2"	Z <del>Q</del>	-	Weigh 10.5#		Internal E 8rd	Diameter	Set : 494		Perfor	rations 7		то 4883		RECEI
Tubing Si 2 3/8"	ze		Weigh	l	Internal D	Diameter	Set 488		Perfo	rations		То		, j
Type Com Perf Sin			escribe) Gas Well		Type Flui Saltwa	d Productio ter	n			nit or Traveling	Plunger?	Yes	/ No	
Producing	Thru	(Anr	nulus / Tubing	)	% C	arbon Diox	ide		% Nitrog	en		Gas Gra	avity - G	
Annulus	\$													
Vertical D	epth(H	)				Pres	sure Taps					(Meter F	Run) (Pr	over) Size
Pressure	Buildur	o: \$	Shut in May	/ 16 2	0_15 at_8	:00	(AM) (PM)	Taken_M	ay 17	20	15 at	8:00	(,	AM) (PM)
Well on Li	ine:	,	Started	2	0 at		(AM) (PM)	Taken		20	at _		(	AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration	of Shut-i	in	Hours
Static / Dynamic	Orific Size	,	Circle one: Meter Prover Pressu	Pressure Differential re in	Flowing Temperature t	Well Head Temperature	Wellhead	sing Pressure	Wellhe	fubing ad Pressure r (P, ) or (P <sub>c</sub> )	Dura (Hou			i Produced Barrels)
Property Shut-In	findie	75)	psig (Pm)	Inches H <sub>2</sub> 0	,		psig 900	psia 914.4	psig	psia				
Flow														
						FLOW ST	REAM ATTR	IBUTES		•				
Plate Coeffied (F <sub>b</sub> ) (F Mofd	ient	Pro	Circle one: Meter or over Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fac F	tor	Flowing Temperature Factor F <sub>II</sub>	Fa	riation actor pv	Metered Flov R (Mcfd)		GOR (Cubic Fed Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>
(D )2 -			/P \2 _		•	• •	/ERABILIT\ % (	') CALCUL P <sub>c</sub> - 14.4) +					2 = 0.26 2 =	
$(P_c)^2 = $	⊃ <u>a</u> )²		$(P_w)^2 = \frac{(P_w)^2}{(P_w)^2}$	Chaose formula 1 or 2  1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup>	LOG of formula 1, or 2,		Backpro Slo	essure Curve pe = "n" - or	, n x i	[ 7	Anti		Op Deli	en Flow verability R x Antilog
(P <sub>c</sub> )*- (I	~ <sub>d</sub> )*			divided by: P <sub>c</sub> <sup>2</sup> -P <sub>w</sub>	and divide by:	P.2 - P.2		ssigned dard Slope		L J	<u></u>			(Mcfd)
Open Flo	w			Mcfd @ 14	.65 psia		Deliveral	bility			Mcfd @ 1	14.65 psi	a	
The	undersi	aner	d authority, or	n behalf of the	Company.	states that	he is duly a	uthorized t	o make th	ne above repo	rt and th	at he ha	ıs know	ledge of
		_	•	aid report is tru	,		•		_	•				-
			Witness (i	f any)				_10	m J		Company			
					<del></del>									
			For Comm	nission						Che	cked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc. and that the foregoing 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. Thereby request a one-year exemption from open flow testing for the				
and that the foregoing 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Merrill Ranch #1-34 gas well on the grounds that said well:  (Check one)    is a coalbed methane producer   is cycled on plunger lift due to water   is on vacuum at the present time; KCC approval Docket No.     FECTIVED     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.  Signature: January 21, 2016				
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	Date: January 21,	2016		
Title: President		Signature: <u>Th</u>	nD Cut	
		Title: Preside	ent	

## 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.