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

Type Test	t <del>.</del>		OIIL		(	See Instruct	_	everse Side		-IIADIEII	1 1201			
☐ Open Flow  ✓ Deliverabilty					Test Date		l.	API No. 15 15185112900000						
Company Castelli Exploration, Inc.					February 7th, 2014  Lease Harris					100112000		Well Number #1-34		
County Location Stafford SW NW NE			Section 34		TWP	TWP 24S		W)	Acres Attributed		Attributed			
Field Farmington				Reservoir Kinderhook			S 15W  Gas Gathering Conne  Lumen Energy			ection				
Completion Date 10/01/48					Total Dept	h	Packer Set at			· · · · ·				
Casing Size 5 1/2"			Weight 15.5#		Internal Diameter		Set at 4246'		Perforations 4255		то 4260			
Tubing Size			Weigh		Internal Diameter		Set at		Perforations		То			
Type Con			escribe) le Oil & Ga	s Zone	Type Flui Saltwa	d Production ter/Oil	1			nit or Traveling	Plunger? Yes	/ No		
Producing Annulus	-	(Anı	nulus / Tubing	9)	% C	arbon Dioxid	de		% Nitrog	en	Gas G	ravity - (	3,	
Vertical D		<del>-</del> 1)				Press	sure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildu	ıp:	Shut in Feb	oruary 7 2	0_14_at_8	:00	(AM) (PM)	Taken Fe	bruary	820	14 at 8:00		(AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut	-in	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H,0	Flowing Temperature t	Well Head Temperature t	Wellhead (P <sub>w</sub> ) or (	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing ad Pressure r (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			Parity (v. my				145	159.4	psig	psia				
Flow							<u>.</u>							
		1			1	FLOW STR		RIBUTES	-	<u> </u>	1		Flowing	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension  P <sub>m</sub> x h	Extension Fact		tor Temperature		Deviation Factor		(Cubic F	GOR (Cubic Feet/ Barrel)		
													,	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL	OW) (DELIV		Y) CALCUL (P <sub>c</sub> - 14.4) +		:		$)^2 = 0.2$ $)^2 =$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(}	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2 1. $P_c^2 - P_e^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	P <sup>2</sup> -P <sup>2</sup> LOG of formula 1. or 2. and divide		Backpre Slo P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> As Stand		n v	rog	Antilog	Open Flow Deliverabilit Equals R x An (Mcfd)		
								_						
Open Flo	ow .	<u>L</u>			.65 psia		Delivera	ıbility		<u> </u>	Mcfd @ 14.65 p	sia.		
The	under	signe	d authority, o	n behalf of the	Company,	states that h	ie is duly a	authorized t	o make t	he above repo	ort and that he h	as knov	vledge of	
the facts s	stated	there	in, and that s	aid report is tru					day of _	October			20 <u>14</u> .	
			Witness (	if any)	KANSAS C	Received ORPORATION	d Commission		h_	Hur.	Company			
-			For Comm			EC 3 1 2					cked by			
					CONSI	ERVATION DI WICHITA, KS	VISION							

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.
I hereby request a one-year exemption from open flow testing for the Harris #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 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
Received Signature: KANSAS CORPORATION COMMISSION
DEC 3 1 2014 Title: President (
CONSERVATION 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.