KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					()	See Instru	uctions on R	everse Side	*)					
	en Flow				Test Date):			API	No. 15				
√ Del	iverabilty	' 			April 27,)332 4491666				
Company Castelli		ration, Inc					Lease Merrill	Ranch		21,520-0		2-4	Well Nu	mber
County Location Comanche E/2 NW NW NW			Section 4				RNG (E/W) 16W				Acres Attributed			
Field Ham			Reservoir Mississi				Gas Gat Oneol	thering Connec	tion			RECEIV DEC 2 6 : C WICH		
Completion Date 06/04/08			Plug Baci 4990	k Total D	epth			acker Set at				DEC 26		
Casing Size 4 1/2"		Weight 105#			Internal Diameter N/A			Set at 5095'		Perforations 4914		то 5016	K	C WICH
Tubing Size 2 3/8"		Weight N/A			Internal Diameter N/A		49	Set at 4988'		Perforations		То		
		Describe) ne Perfora	tion		Type Flui Saltwa		tion			nit or Traveling F ing Unit			/ No	
-		Annulus / Tub	ing)		% C	Carbon Di	oxide		% Nitrog	gen		Gas G	ravity - (ā ₉
Annulus Vertical D				bull.		Pr	ressure Taps					(Meter	Run) (P	rover) Size
Pressure	Buildup:	Shut in A	pril :	262	0_12 at_8	:00	(AM) (PM	I) Taken A	pril 27	20 _	12 at 8	8:00		(AM) (PM)
Well on Li	ine:				0 at		(AM) (PM	l) Taken		20 _	at _			(AM) (PM)
-						OBSER	VED SURFA	CE DATA			uration	of Shut	1-in_24	Hours
Static / Dynamic Property	Orifice Size (inches	Size Prover Pre		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Hea Temperati	ure (P _w) or	(P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_l) or (P_c) psig psia		tion ırs)	Liquid Produced (Barrels)	
Shut-In		peig (,)	.,,				880	894.4	paig	paia				
Flow						<u> </u>			<u> </u>					
						FLOW S	TREAM ATT	RIBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor F _g		Flowing Temperature Factor F _{ft}	, E	riation actor F _{pv}	Metered Flow R (Mcfd)	(GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m
(P _c) ² =		· (P)	² 	:	(OPEN FL		LIVERABILIT %	'Y) CALCUI (P _c - 14.4) +		:			$)^2 = 0.2$ $)^2 =$	207
(P _c) ² - (F or (P _c) ² - (F	P _a) ²	(P _o) ² - (P _w) ²	Cho	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$	LOG of formula 1, or 2, and divide	_	Backp	ressure Curvi lope = "n" or Assigned ndard Slope	e n x	LOG	Antil		O _I Del	pen Flow iverability is R x Antilog (Mcfd)
			divi	ded by: $P_c^2 - P_w^4$				TIGATO GIOPO						
Open Floy	W			Mcfd @ 14.	65 psia		Deliver	ability		M	cfd @ 1	4.65 p	sia	
	_	-							_	he above report Sentember				
ne facts si	tated the	rein, and that	said	report is true	e and correc	t. Execu	ted this the _	~	day of _	September			,	₂₀ <u>12</u> .
		Witnes	s (if ar	ny)	photos as		_		~_ (For Col	mpany			
		For Co	mmissi	ion			_		•••	Check	ed by			

KCC WICHITA

and tha	tatus under Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc. the foregoing pressure information and statements contained on this application form are true and
of equip I he	the best of my knowledge and belief based upon available production summaries and lease records nent installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the Merrill Ranch #2-4 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
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissinecessary to corroborate this claim for exemption from testing.
Date: _S	eptember 20, 2012
	Signature:
	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.