KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:		ONE	г	JINI 3				ons on Re				:HABILI I	Y 16	91		
☐ Open Flow ✓ Deliverability			Test Date:						API No. 15								
		onty ———				Februar	y 28, 20	14	1			150	33214750	000			
Company Castelli Exploration, Inc.				Lease Merrill Ranch						Well Number #1-28							
County Location Comanche NE SE NE			Section 28			TWP 33S			RNG (E/1	(/		A	Acres	Attributed			
Field Ham			Reservoir Mississ					Gas Gathering Connecti Oneok									
Completion Date 9/26/06				Plug Back Total Depth 5012						Packer S							
Casing Size 4 1/2"			Weight 10.5#			Internal Diameter			Set at 5018'			Perfor	ations -78'	То			
Tubing Size 2 3/8"			Weight			Internal Diameter			Set at 4972'			Perfor	ations		То		
Type Con Single 2			escribe) s & Oil Per	fora	ations	Type Flui- Saltwa		tion			-	Pump Un Pumpii	it or Traveling	Plunger	r? Yes	/ No	
Producing Thru (Annulus / Tubing) Annulus			% Carbon Dioxide					% Nitrogen				Gas Gravity - G					
Vertical D		H)					Pı	ress	ure Taps						(Meter F	Run) (F	Prover) Size
Pressure	Buildo	ID:	Shut in Feb	orua	ary 28	14 at 8	:00		(AM) (PM)	Taken [-e	bruary :	29 20	14 _{at}	8:00		(AM) (PM)
Well on L													20				
							OBSER	VED	SURFAC	E DATA				Duration	n of Shut-i	n	Hours
Static / Dynamic Property	ynamic Size		Meter Prover Pressur		Pressure Differential in	Flowing Temperature t	Well Hea Temperati	- 1	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)			Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			paig (t iii)		Inches H ₂ 0				865	979.4	+	psig	psia				
Flow					•												
			-				FLOW S	TRE	EAM ATTR	IBUTES			_				
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or over Pressure psia		Press Extension √ P _m x h	Grav Fac	tor	Te	Flowing emperature Factor F ₁₁			ation etor	Metered Flow R (Mcfd)	,	GOR (Cubic Fee Barrel)	et/	Flowing Fluid Gravity G _m
													• •				<u> </u>
(P _c) ² =			(P _w) ² =			(OPEN FL		LIVE %		•		ATIONS 14.4 =			(P _a)² (P _a)²	= 0.	207
(P _c) ² - (l	P <u>a</u>)2		P _o) ² - (P _w) ²	<i>Choo</i> 1	se formula 1 or 2: . P _c ² - P _c ² !. P _c ² - P _d ² ed by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²]	Backpre Slo As	ssure Cur pe = "n" - or signed lard Slope	ve	n x t	.og []	An	tilog	De	pen Flow eliverability is R x Antilog (Mcfd)
Open Flo	w				Mcfd @ 14.	65 psia			Deliverat	oility		-		Mcfd @	14.65 psi	a	
			d authority, o			and correc	t. Execu Receiv	ted t	this the 2				e above repo	rt and ti	hat he ha		wledge of 20 14 .
		_	Witness (if any)		ORPORATIO	∋N C		' /	L	my	For C	Company			
-			For Comm	nissio:	n	DI	EC 3 1	- 2	U14 -		•		Che	ked by			

I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	der Rule K.A.R. 82-3-304 on behalf of the operator
and that the fore	going pressure information and statements contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Merrill Ranch #1-28
gas well on the gr	ounds that said well:
(Check	anal
703700	is a coalbed methane producer
H	is cycled on plunger lift due to water
	is a source of natural gas for injection into an oil reservoir undergoing ER
$\overline{\Box}$	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 agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessar	y to corroborate this claim for exemption from testing.
Date: December	22, 2014
KANS	Received As CORPORATION COMMISSION Signature:
	DEC 3 1 2014 Title: President
	ONCED! ATION DIVIDION
C	ONSERVATION 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.