KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					(See Instruc	tions on Re	verse Side	·)	-, ,, ,		
_ :	en Flo liverat				Test Date May 15,					No. 15 3321579000	00	
Company Castelli Exploration, Inc.			Lease Gregg				Well Number #1-20					
County Comanche			Locati S/2 SE		Section 20		TWP 33S		RNG (E/W) 16W		ļ	Acres Attributed
Field Ham			Reservoir Mississ			Gas Gathering Oneok		-	ection			
02/24/11		te			Plug Bac 5123	k Total Dept	th		Packer S	et at		
Casing S 5.5	<u>.</u>	Weight 15.5#			Internal Diameter		Set at 5166		Perforations 4977		το 5006	
Tubing Size 2 7/8"		Weight			Internal Diameter		Set at 4914		Perforations		То	
	Zone	Gas	s Perforation		Type Flui Oil/Sal	d Production twater	n 			nit or Traveling ng Unit	Plunger? Yes	/ No
Producing Annulus	-	(An	nulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	avity - G _g
Vertical E	epth(l	Η)				Pres	sure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in May	15 2	0 14 at 8	:00	(AM) (PM)	Taken_M	ay 16	20	14 at 8:00	(AM) (PM)
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
	<u> </u>		Circle one:			OBSERVE	D SURFAC		r _		Duration of Shut-i	n Hours
Static / Dynamic Property	namic Size		Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	I Wellhood Proceura		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In							870	885.4	Parg			_
Flow				<u> </u>		ELOW STE	EAM ATTR	IDUTES	<u> </u>			
Plate	,		Circle one:	Press			Flowing					Flowing
Coeffied (F _b) (F	Coeffiecient (F _b) (F _p) Mcfd		Meter or over Pressure psia	Extension P _m x h	Extension Fac		Temperature Factor F _{f1}	Deviation Factor F _{pv}		Metered Flov R (Mcfd)	GOR (Cubic Fee Barrel)	Ciula C
				_	<u> </u>			<u> </u>				
(P) ² =		•	(P)² =		(OPEN FLO		'ERABILITY % (F) CALCUL ' _o - 14.4) +			(P _a) ² (P _d) ²	= 0.207
(P _c) ² - (I	P _a) ²	(F	o')s- (b")s	Chaose formula 1 of 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide		Backpre Stop As	ssure Curve be = "n" orsigned ard Slope	n x l	 .og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
-				- c w								
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 psi	a
				behalf of the	and correc	t. Executed				ovember	rt and that he ha	s knowledge of, 20 <u></u>
			Witness (i	any)	KANSAS CORP	eceived. PORATION COM	MOISSION	` <i>I</i>	····	For	ompany	
			For Comm	ssion	DEC	3 1 20	14 -			Chec	cked by	<u>, </u>

CONSERVATION DIVISION WICHITA, KS

I declare une	der penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status un	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	st of my knowledge and belief based upon available production summaries and lease records
• •	allation and/or upon type of completion or upon use being made of the gas well herein named. lest a one-year exemption from open flow testing for the Gregg #1-20
	rounds that said well:
(Chec	k 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
\checkmark	is not capable of producing at a daily rate in excess of 250 mcf/D
_	ee to supply to the best of my ability any and all supporting documents deemed by Commissiony to corroborate this claim for exemption from testing.
Date: Novembe	· 24, 2014 ·
KANSAS COF	Received Signature: MacCanton Commission Signature: President
CONSE	RVATION DIVISION VICHITA, 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.