KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: oen Flov	N			(-	aee instruc	tions on Re	iverse SIG6						
Deliverability					Test Date: May 20, 2010				API No. 15 15-047214160000					
Company Castelli Exploration, Inc.					Lease Miller				Well Number #1-12					
County Location Edwards W/2 E/2 SW				Section 12		TWP 25S		RNG (E/W) 16W		Acres Attributed				
Fleid Wil				Reservoir Kinderl				Gas Gathering C Lumen Energ		ection				
Completion Date 12/26/96				Plug Bac 4340	k Total Dep	th		Packer Set at						
Casing Size Weight 5 1/2" 15.5				Internal Diamete		Set at 4611'		Perforations 4272'		то 4286'				
Tubing Size Weight 2 3/8"				Internal C	Diameter	Set at 4275'		Perforations		То				
Type Cor				ns	Type Flui	d Productio				nit or Traveling	Plunger? Yes	/ No		
Single Gas Zone Perforations Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrog		Gas Gravity - G _g				
Annulus Vertical D		i)				Pres	sure Taps				(Meter l	Run) (Prover) §	Size	
-			. Mav	, 20	10 8	·00		M	av 21		10 at 8:00			
Pressure														
Well on L	_ine:		Started	2	0 at		. (AM) (PM)	Taken		20	at	(AM) (P	M)	
	·				ı.	OBSERVE	ED SURFAC	E DATA			Duration of Shut-	in r	Hours	
Static / Orifice Oynamic Size Property (inches		•	Circle one: Meter Prover Pressur		Temperature Temper		ature (P_w) or (P_1) or (P_c)		Tubling Wellhead Pressure (P _w) or (P ₁) or (P ₆)		Duration (Hours)	Liquid Produc (Barrels)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 158	psia 172.4	pslg	psia				
Flow		\neg										†		
L,				<u> </u>	L	FLOW STF	LEAM ATTR	RIBUTES	<u> </u>		l			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Mater or Prover Pressure psia		Press Extension ✓ P _m x h	xtension Fact		Temperature		lation ctor : pv	Metered Flov R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravi	iid vity	
(B.)2 -	l		l		•	• •	/ERABILITY	•			· •	² = 0.207		
$(P_c)^2 = {(P_c)^2 - (P_a)^2}$ or $(P_c)^2 - (P_a)^2$		(P	()2- (P _w)2	2. P _c ² - P _d ² 1. P _c ² - P _d ² 2. P _c ² - P _d ² 4. P _c ² - P _d ² 4. P _c ² - P _d ² 4. P _c ² - P _d ²	LOG of formula 1. or 2. and divide p 2 p		Backpressure Curv Slope = "n"or Assigned Standard Slope				(P _d) Antilog	Open Flow Deliverabili Equals R x Ar (Mcfd)	ity	
Open Flo	ow			Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @ 14.65 ps	ia		
		_	=	behalf of the	and correc		t this the _1		o make the day of A	•	ort and that he ha	as knowledge o		
			Witness (if	any)	0	EC 23	2010			For C	Company			
			For Commi	ssion	KC	C WIC	ATIH			Chec	cked by			

exempt status under Rule K.A.R. 82-3 and that the foregoing pressure info correct to the best of my knowledge a of equipment installation and/or upon	y under the laws of the state of Kansas that I am authorized to request 3-304 on behalf of the operator Castelli Exploration, Inc. rmation and statements contained on this application form are true and and belief based upon available production summaries and lease records type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exen	nption from open flow testing for the Miller #1-12
gas well on the grounds that said wel	l:
is a source of nature is on vacuum at the is not capable of p	per lift due to water ural gas for injection into an oil reservoir undergoing ER e present time; KCC approval Docket No producing at a daily rate in excess of 250 mcf/D est of my ability any and all supporting documents deemed by Commission
RECEIVED DEC 2 3 2010 KCC WICHITA	Signature: Ca.C. 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.