KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Tyke Test					(See Instruct	tions on Re	everse Side)					
Open-Flow ✓ Peliverability				Test Date:				No. 15						
		ıty			Februar	y 7, 2011			150	9720439000	00	144-11-11		
Company Castelli	Expl	ora	tion, Inc.				Lease Iron Mo	ountain			#1-10	Well N	umber	
County Location Kiowa C SE			Section 16		TWP 30S		RNG (E/W) 17W			Acres	Attributed			
Field Glick				Reservoir Mississippi			Gas Gat Oneol	ection						
Completion Date 1/25/78			Plug Bac 4955	Plug Back Total Depth 4955			Packer S	Set at						
Casing Size Weight 5.5 N/A			Internal I	Diameter	Set at 4990		Perforations 4884		то 4892					
Tubing Size 2.375			Weight N/A		Internal [N/A	Diameter	Set at 4872		Perforations		То			
Type Con				ns	Type Flui Saltwa	d Production				nit or Traveling	Plunger? Yes	/ No	 	
			nulus / Tubing)		% C	Carbon Dioxi	de	• =	% Nitrog	en	Gas C	aravity -	G _o	
Annulus														
Vertical D	epth(H)				Pres	sure Taps				(Mete	r Run) (F	rover) Size	
Pressure	Bulldu	o: ;	Shut in Feb	uary 6	11 at 8	:00	(AM) (PM)	Taken_F	ebruary	7 20	11 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 Shu	_{it-in} 24	Hours	
Static / Dynamic Property	Dynamic SIz		Circle one: Meter Prover Pressur		Flowing Temperature 1	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P ₆)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₀)		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0	<u> </u>		207	221.4	psig	psla				
Flow				1			-							
						FLOW STE	REAM ATT	RIBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fac F	tor Temperature		FE	viation actor F _{pv}	Metered Flow R (Mcfd)	(Cubic I	GOR (Cubic Feet/ Barrel)		
													<u> </u>	
(P _c) ² =		_1	(P _w) ² =_	:	(OPEN FL	OW) (DELIV		Y) CALCUL P 14.4) +		:		$_{a}^{d})^{2} = 0.3$	207	
(P _e) ² - (F or (P _e) ² - (F	- 1	(P	(P _w) ² - (P _w) ²	hoose formula 1 or 2 1. $P_0^2 - P_2^2$ 2. $P_1^2 - P_0^2$ wided by: $P_0^2 - P_0^2$	LOG of formula 1. or 2, and divide		Šid	essure Curve ope = "n" or ssigned dard Slope	n x	roe	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)	
				· · · · · · · · · · · · · · · · · · ·		.,								
Open Flow Mcfd @ 14.65 psia					Deliverability Mcfd			Mcfd @ 14.65 p	@ 14.65 psia					
		•	•				•			•	rt and that he i	nas knov		
the facts s	tated th	nerei	n, and that sai	d report is true	e and correc	t. Executed	I this the <u>_</u>	- ZIIU	day of	ecember	, ,	,	20 11	
			Witness (if	any)						For C	ompany	<u>, </u>	CEIVE	
			For Commis	sion	-					Chec	ked by	-FE	B-1-6-2 0	

l d	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request								
xemp	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									
	Il 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								
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission								
taff as	necessary to corroborate this claim for exemption from testing.								
)ate:_	12/22/11								
	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.

RECEIVED

FEB 1 6 2012