## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:		ONE		(				verse Side		.nabilii	7 1201			
= '	en Flo liverab				Test Date March 9						No. 15 3321536000	nn			
Company		ога	tion, Inc.		Maron o	, 2017	Lea: Dor			100	002 100000	#2	Well N	umber	
County Comanche			Location SW SE	Section 29			TWP 33S		RNG (E/W) 16W			Acres	Attributed		
Field Ham			Reservoir <b>Mississippi</b>			Gas Gathering Oneok		•	ection						
Completion Dat 10/17/08		e			Plug Back Total Depth 5632			Packer Set at None			et at				
Casing Size 4.500		Weight 10.50			Internal D 4.052		Set at 5404		Perforations 5011		то 5040				
Tubing Si 2.375	Tubing Size 2.375		Weight 4.70	Internal Diameter 1.995			Set at 5179		Perforations Open		То				
Type Con Single 2			escribe) s Perforatio	ons	Type Flui Water	d Producti	on				it or Traveling ng Unit	Plunger? Y	es / No		
Producing		(Anr	nulus / Tubing	)	% C	arbon Dio	xide			% Nitrog	en	Gas	Gravity -	G,	
Vertical D	epth(F	l)			<del></del>	Pre	ssure Ta	ps				(Met	er Run) (F	Prover) Size	
Pressure	Buildu	p:	Shut in Mar	ch 9 2	0_14_at_8	:00	_ (AM) (	PM)	Taken_Ma	arch 10	20	14 at 8:00	)	(AM) (PM)	
Well on L				2	0 at		_ (AM) (	(PM)	Taken		20	at		(AM) (PM)	
						OBSERV	ED SUR	FACE	E DATA			Duration of Sh	nut-in	Hours	
Static / Dynamic Property	Orifi Siz (inch	В	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperatur t	re (P <sub>w</sub>	Casing Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_0)$ psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)	-	Liquid Produced (Barrels)	
Shut-In			, , , , , , , , , , , , , , , , , , ,				105	_	psia 119.4	psig	psia				
Flow															
			<b>6</b> 1			FLOW ST			IBUTES					T	
Plate Coeffied (F <sub>b</sub> ) (F Mofd	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension Pmxh	Grav Fac	tor	Flowin Tempera Facto	ture	Fa	iation ctor : pv	Metered Flov R (Mcfd)	(Cubic	OR : Feet/ rel)	Flowing Fluid Gravity G <sub>m</sub>	
					(OPEN FL	OW) (DEL	IVERABI	LITY	CALCUL	ATIONS			$P_a)^2 = 0.$	207	
(P <sub>c</sub> ) <sup>2</sup> =		_:_	(P <sub>w</sub> )² ⇔	:			_%	(F	<sup>2</sup> c - 14.4) +	14.4 =	<u> </u>		P <sub>0</sub> ) <sup>2</sup> =		
(P <sub>c</sub> ) <sup>2</sup> - (l	P_) <sup>2</sup> P <sub>d</sub> ) <sup>2</sup>	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		Štor As:	ssure Curve be = "n" - or signed ard Slope	0.0	-oe	Antilog	De	Open Flow Bliverability Is R x Antilog (Mcfd)	
												fi.			
Open Flo	w			Mcfd @ 14	65 psia		Deli	verab	sility			Mcfd @ 14.65	nsia		
		iona	d authorities ==		<u> </u>	states *L-+			•	o mak- "			•	wlodes of	
		_	•	n behalf of the	e and correc	t. Execute	ed this th	•					nas kno		
			Witness (i	fany)		Rece SCORPORA	EIVED TION COM	IMISSI	ON 1	hu (	V Car	Company			
			For Comm			DEC_3	1 20	14 _			Che	cked by			

exempt sta and that th correct to t of equipme 1 hereb	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration  he foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the Dorsey #2 on the grounds that said well:
l furth	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  there agree to supply to the best of my ability any and all supporting documents deemed by Commission
	tober 29, 2014
1	Received KANSAS CORPORATION COMMISSION  DEC 3 1 2014  CONSERVATION DIVISION WICHITA, KS  Signature:  President  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.