## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes			J		(	See Instruct	tions on Re	verse Side	)			
	pen Fio eliveral				Test Date 8/4/15	<b>:</b> :				No. 15 077-20792-0	00-01	
Company		PEF	RATING CO	MPANY, LLC			Lease GAMMII	LL		-		Vell Number
County			Location C NW NW		Section 27		TWP 32 SW		RNG (E.	/W)		Acres Attributed
Field SULLIV			O IVVV		Reservoir STALNA		<u> </u>		Gas Ga	thering Conn	ection AS GATHERING	
Completi 4/17/82						k Total Dept	th		Packer S NONE		AS GATTLENING	<u> </u>
Casing S	Size	Weight			Internal Diameter		Set at		Perforations		To	
4.500 Tubing S	ize		10.50 Weigh		4.052 Internal D	Diameter			3627 Perforations		3662 To	
2.375 Type Cor		n (D	4.70 escribe)		1.995 Type Flui	d Production	3692	2		nit or Traveling	Plunger? Yes	/ No
SINGLI		(An	nulus / Tubin	g)	WATE	R arbon Dioxi	de		PUMF % Nitrog		Gas Gra	ıvity - G
ANNUL Vertical D	US					Proc	sure Taps			_		lun) (Prover) Size
3650	эөриц									<u>_</u>		
Pressure	Build										at	
·Well on L	_ine:		Started	2	0 at	<u>.</u>	(AM) (PM)	Taken		20	at	(AM) (PM)
	1		Circle one:	Pressure	<del> </del>	OBSERVE	D SURFACE		<u> </u>	Tubing	Duration of Shut-i	nHours
Static / Dynamic Property	Orii Si. (incl	₹0	Meter Prover Pressi psig (Pm)	Differential	Flowing Temperature t	Well Head Temperature t	Wallhead	Pressure	Wellhe	r (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.500	)				•	46	poiu	43	pola	24	
Flow												
Plate			Circle one:	Press	<del>                                     </del>		EAM ATTRI					Flowing
Coeffied (F <sub>b</sub> ) (F	eient ,)	Pro	Meter or over Pressure psia	Extension P <sub>m</sub> xh	Grav Fact F <sub>o</sub>	tor T	Factor	Fa	ation ctor : <sub>pv</sub>	Metered Flov R (Mcfd)	v GOR (Cubic Fee Barrel)	Enuta*
					•	• •	ERABILITY)			-		= 0.207
(P <sub>c</sub> ) <sup>2</sup> =		<del>_:</del>	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2	P <sub>d</sub> = .	<del></del> ^	T	c - 14.4) + ssure Curve	14.4 =	<del>:</del> -	(P <sub>d</sub> ) <sup>2</sup>	
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>e</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup> - P<sub>w</sub><sup>2</sup></li> </ol>	LOG of formula 1, or 2, and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slop Ass	ssule Guive	n x	LOG	Antilog	Open:Flow Deliverability Equals R x Antilog (Mcfd)
-				avided by: T <sub>c</sub> = F <sub>w</sub>	<b>1</b> • • • • • • • • • • • • • • • • • • •	<u> </u>	Ciana	are crops	-			
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabi	ility			Mcfd @ 14.65 psia	<u> </u>
											rt and that he has	
the facts s	tated	therei	n, and that s	aid report is true		Red	:eived	_	day of <u>こ</u>	CTOBER	$\overline{O}$	, 20 <u>15</u>
			Witness (	f any)	KAI	NSAS CORPOR	VATION COMM <u>I</u>		n K (	Now LOO	er Carlopany	
			For Comm	nission		<u> </u>	6 2015			Che	cked by	

CONSERVATION DIVISION WICHITA, KS

exempt status un and that the fore correct to the bes	der Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO, LLC going pressure information and statements contained on this application form are true and it 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.
l hereby requ	est a one-year exemption from open flow testing for the GAMMILL 1
	rounds that said well:
(Chec	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 e to supply to the best of my ability any and all supporting documents deemed by Commissio
_	y to corroborate this claim for exemption from testing.
Date: <u>10/12/15</u>	
	Signature: Why & Hallacylu

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.