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

Type Test	t:				(	See Instruct	ions on Reve	erse Side,	)					
□ Op	en Flo	w			Test Date				ADI	No. 15				
De	liverat	oilty				;. 012-01/27/:	2012			190. 15 047-21,547-1	0000			
Company F.G. Hol		npan	y, L.L.C.				Lease RUSSEL	L-TRUS	T		1-3	Well Nu	mber	
County Edwards		•	Locati		Section 3		TWP 25S		RNG (E/	W)		Acres A	Attributed	
Field			WZ WZ	<u>, w                                   </u>	Reservoir		200			narina Conne	etion		·····	
Mundhenke			Cheroke	Cherokee Sand			Gas Gathering Connection Prairie Pipeline				- <del></del>			
3/8/2007		te			Plug Bac	k Total Dept	h		Packer S	et at				
Casing S 4-1/2"			Weight 10.5#		Internal Diameter		Set at 4919'		Perforations 4414'-4428' OA		То			
Tubing Si 2-3/8"	ize		Weight 4.7#		Internal Diameter		Set at 4414'		Perfo	rations	То			
Type Con Single (			escribe)		Type Flui None	d Production	1			it or Traveling	Plunger? Ye	s / No	<del></del>	
Producing	g Thru	(Anı	nulus / Tubin	3)	% C	arbon Dioxi	de		% Nitrog	en	Gas	Gravity - 0	3,	
Tubing					.20				5.57		.633	3		
Vertical D	epth(i	H)				Press Flan	sure Taps ge				(Mete 2"	r Aun) (P	rover) Size	
Pressure	Buildu	ıp:	Shut in01/	2 <b>6</b> /201 <b>2</b> _ 2	0 at_	:00	(AM) (PM) 1	aken 01	/2 <b>6</b> /201	2 20	at 8:00	(	AM) (PM)	
Well on L	.ine:		Started .01/	27/2012_ 2	0 at <u>9</u>	:00	(AM) (PM)	<sub>Taken</sub> 01	/2 <b>1/</b> /201	2 20	at _9:00		AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shi	<sub>ut-in</sub> 24	Hours	
Static / Dynamic	Orif Siz		Circle one: Meter	eter Differential Temperature Tempera		Well Head Temperature	I Welihead Pressure		Tubing Wellhead Pressure		Duration		Liquid Produced	
Property	•		Prover Pressu psig (Pm)	in Inches H <sub>2</sub> 0	t	1	psig	or (P <sub>o</sub> ) psia	(P <sub>w</sub> ) or psig	(P <sub>s</sub> ) or (P <sub>c</sub> )	(Hours)	,	(Barrels)	
Shul-in							83		30		24			
Flow							<u> </u>		<u> </u>					
				·	<del>-</del>	FLOW STR	EAM ATTRIE	UTES			<del></del>		,	
Coeffied (F <sub>b</sub> ) (F	Plate Coefficeient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meler or over Pressure psia	Press Extension	Extension Factor		or Temperature		ation ctor	Metered Flow R (Mcfd)	(Cubic Barr	Feet/	Flowing Fluid Gravity G	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P_)² =	:	(OPEN FL	• •	ERABILITY) % (P	CALCUL - 14.4) +		:		$(a_1)^2 = 0.2$ $(a_2)^2 = 0.2$	07	
(P <sub>e</sub> ) <sup>2</sup> - (I or (P <sub>e</sub> ) <sup>2</sup> - (I	•	(F	P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	LOG of formula 1, or 2, and divide	P,2. P,2	Slope Assi	sure Curve = "n" or gned d Slope	nxl	.00	Antilog	Del Equals	pen Flow iverability i R x Antilog (Mcfd)	
		ļ		divided by: P <sub>c</sub> 2 - P <sub>g</sub> 3	by:	لہ حا	Staridal	o olopa		_ <del>_</del>			,,	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd <b>©</b> 14.65	osia	····	
The	unders	signe	d authority, o	n behalf of the	Company, s	states that h	e is duly aut	horized to	o make th	e above repo	rt and that he	has know	ledge of	
the facts s	tated	there	in, and that s	aid report is true	and correc	t. Executed	this the		day of				20	
			Witness (	f any)						For C	Company		EIVED	
			For Comm	nission			<u></u>			Chec	cked by	JAN	3 1 2012	

exemp and the correct of equi	leclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request at status under Rule K.A.R. 82-3-304 on behalf of the operator F.G. Holl Company, L.L.C. at the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records in penaltic production and/or upon type of completion or upon use being made of the gas well herein named. The ereby request a one-year exemption from open flow testing for the RUSSELL TRUST NO. 1-3
	ell on the grounds that said well:
staff as	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  urther agree to supply to the best of my ability any and all supporting documents deemed by Commissions necessary to corroborate this claim for exemption from testing.
	Signature: Loveness Mpanje  Title: Petroleum Geologist

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

JAN 3 1 2012

KCC WICHITA