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

Type Test	t:					(	See Instruc	tions on Re	verse Side	e)			
Op	en Flor	w				Test Date	ž.			API	No. 15		
De	liverab	ilty					015 - 02/2	3/2015			007-23,031-	-00-01	
Company G. Ho	, II Com	pany	, LLC					Lease STANN	ARD "OV	/WO"		1-22	Well Number
County Location Barber C N/2 NW NW				Section 22		TWP 30S			(E/W)		Acres Attributed		
Field Skinner				Reservoir Marmaton, Mississippi, Kinderhook & V			& Viola	Gas Gathering Connect ONFOK		ection	KCC W		
Completion Date 04/23/2007				Plug Baci None	k Total Dep	th		Packer S	et at		KCC WI MAR 0.2 RECEIV		
Casing Size Weight 4-1/2" 10.5#				Internal Diameter		Set at 4790'		Perforations 4292' - 4488'		То	RECEIV		
Tubing Size Weight 2-3/8" 4.7#					Internal Diameter Set at 4621'								
	com	mi	inple			SW +				R	mpina	Plunger? (763) Unit	
Producing Thru (Annulta) Tubing) Tubing					% Carbon Dioxide .0945				% Nitrogen 6.348		.705	avity - G <sub>g</sub>	
Vertical E	Pepth(H	ł)					Pres Flan	sure Taps ge				(Meter I 2"	Run) (Prover) Size
Pressure	Buildu	•	inut in	2/22		15 at 8:		(AM) (PM)	Takes	2/22		15 at 8:00	(AM) (PM)
Well on L	ine:	s	Started 02	2/23	20	15 at 8:	:00	(AM) (PM)	Taken_02	2/23	20	15 at 8:00	(AM) (PM)
			Circle one	<u> </u>	Pressure		OBSERVE	D SURFACE			- Inchina	Duration of Shut-	in 24 Hours
Static / Orifice Dynamic Size Property (inches)		e	Meter Prover Pressure psig (Pm)		Differential in Inches H,0	Flowing Well Head Temperature t		Casing Wellhead Pressure (Pw) or (P1) or (Pc) psig psia		Tubing  Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In								250	рана	36	psia		
Flow				ļ									
				ı			FLOW STE	REAM ATTR	IBUTES				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Citcle one: Meter or Prover Pressure psia			Press Gra Extension Fac  ✓ P <sub>m</sub> xh F		tor	Flowing Temperature Factor F <sub>(1</sub>		Deviation Metered Flo Factor R F <sub>pv</sub> (Mcfd)		v GOR (Cubic Fe Barrel)	Gravity
P <sub>e</sub> )2 =		_;	(P <sub>w</sub> )²	=	:	(OPEN FLO		'ERABILITY) % (F	) CALCUL P <sub>c</sub> - 14.4) +		:	(P <sub>a</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> )²- (P <sub>w</sub> )²		Choos 1. 2.	e formula 1 or 2: $P_c^2 - P_0^2$ $P_c^2 - P_d^2$ I by: $P_c^2 - P_d^2$		P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x i	oc [	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
(P <sub>c</sub> ) <sup>2</sup> - (I	ª' ]					1-				1			
(P <sub>c</sub> ) <sup>2</sup> - (I	d'						<u>-</u>	-				-	
	,				Mofd @ 14.	65 psia	<del>.</del>	Deliverab	ility			Mcfd @ 14.65 ps	ia
Open Flo	w	ianed	guthority		Mofd @ 14.	•	statoe thet b	Deliverab		o make th		Model @ 14.65 ps	
Open Flo	w	•	•	on be	half of the	•		ne is duly au	athorized to	o make th	e above repo	ort and that he ha	as knowledge of
Open Flo	w	•	, and that	on be	half of the	Company, s		ne is duly au	athorized to		e above repo		as knowledge of

	der penalty of perjury under the laws of the sider Rule K.A.R. 82-3-304 on behalf of the operation	tate of Kansas that I am authorized to request ator_F.G. Holl Company, LLC
and that the fore	going pressure information and statements o	contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon ava	ilable production summaries and lease records
	· · · · · · · · · · · · · · · · · · ·	n use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testi	ng for the STANNARD "OWWO" 1-22
gas well on the g	rounds that said well:	KÇC WICHITA
(Checi	k one)	MAR n 2 2015
	is a coalbed methane producer	RECEIVED
	is cycled on plunger lift due to water	
	is a source of natural gas for injection into a	n oil reservoir undergoing ER
	is on vacuum at the present time; KCC appr	oval Docket No.
<b>✓</b>	is not capable of producing at a daily rate in	n excess of 250 mcf/D
staff as necessa	ry to corroborate this claim for exemption fron	III supporting documents deemed by Commission testing.
Date: 02/26/201	<u>5</u>	
	Signature:	eveness—————————————————————————————————

## 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.