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

Type Test	:				(	See Instruc	tions on Rev	erse Side	r)	•	•	
Ор	en Flo	w			Took Dodg				4.01	No de		
De	liverab	ilty			Test Date 01/23/2	): 014 - 01/2:	4/2014			No. 15 047-20,349 <i>-</i>	0000	
Company F.G. Holl		npan	y, L.L.C.	gramma, magazan marakatan da kada kada kada kada kada kada kada			Lease KOETT				1-32	Well Number
County Edwards			Locat C NE I		Section 32		TWP 24S		RNG (E.	W)	,	Acres Attributed
Field Embry					Reservoir Kinderh					hering Conne s Gathering		
Completic 05/12/19		e		namen man i vivil a vi	Plug Bac	k Total Dep	th		Packer 9 4348'	Set at		
Casing Size 4-1/2"			Weight 10.5#		Internal Diameter		Set at <b>4453'</b>		rations 2'-4376'	То		
Tubing Si 2-3/8"	Tubing Size		Weight 4.7#	Weight 4.7#		Internal Diameter		Set at <b>4348'</b>		rations	То	
Type Com Single (	*.		escribe)		Type Flui SW	d Production	n			nit or Traveling	Plunger? Yes	/ No
Producing Tubing	Thru	(Anı	nulus / Tubin	g)	% C	arbon Dioxi	ide	······································	% Nitrog	en	Gas Gr	avity - G <sub>g</sub>
Vertical D	epth(F	<del>1</del> )				Pres Flan	sure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildu	p:	Shut in01	/23/2014	20at			Taken_01	1/23/20	14 20		(AM) (PM)
Well on L	ine:		Started 01/	24/2014	20 at _9	:00	(AM) (PM)	Taken 01	1/24/201	20	at _9:00	(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	inHours
Static / Dynamic Property	Orifi Siz (inch	:e	Circle one: Meter Prover Press psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead P (P <sub>w</sub> ) or (P <sub>1</sub>	ressure	Wellhe	fubing ad Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			, - 3	2			92	psia	psig	psia		
Flow							13					
						FLOW STR	REAM ATTRI	BUTES				
Plate Coeffieci (F <sub>b</sub> ) (F Mcfd	ent		Circle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> xh	Grav Faci F <sub>s</sub>	Tomporatura		Flowing Fluid Gravity G_m				
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	•	(OPEN FLO		ERABILITY)		<b>ATIONS</b> 14.4 =	:		e = 0.207
(P <sub>c</sub> ) <sup>2</sup> - (F	-	(P	(c)2 - (P <sub>w</sub> )2	Choose formula 1 or:  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d$	LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpress Slope Assi	sure Curve e = "n" or gned rd Slope	n x	ГП	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
			}									## 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Open Flow	v			Mcfd @ 14	.65 psia		Deliverabil	ity			//dcfd @ 14.65 psi	a
The u	ınders	ignec	I authority, c	n behalf of the	Company, s	itates that h	e is duly aut	7 (2)	-	^	t and that he ha	_
the facts st	ated t	herei	n, and that s	aid report is tru	e and correc		this the S	CHITA	day of	Janu	rany 2	Openje
· · · · · · · · · · · · · · · · · · ·			Witness (	if any)		F	EB 03	2014		For Co	ned of	s)parge
			For Comr	nission			RECEI	VED		Check	ked by	THE STRUCK BUREAU AL.

	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator F.G. Holl Company, L.L.C.
	going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.  est a one-year exemption from open flow testing for the KOETT 1-32
	rounds that said well:
staff as necessar	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>01/31/2014</u>	Signature: Loveness on farf

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.

KCC WICHITA

FEB 03 2014

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