KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	tions on Re	verse Si	ide)						
Open Flow				Test Date:				API	API No. 15						
Deliverabilty						02/12/2015 - 02/13/2015				15-047-21,023 ~ 0000					
Company F.G. Holl Company, LLC					Lease LUNZ "A"							Well Number 3-21			
County Edwards			Location NE SW SW			Section 21		TWP 24S		RNG (E/W) 16W		Acres Attribut			
Field Embry					Reservoir Mississi				Gas Gat Semga						
Completion Date 03/29/1982					Plug Back Total Depth				Packer S						
Casing S 4-1/2"	Size		Weight 10.5#			Internal Diameter		Set at 4426'		Perforations 4288' - 4294'		То			
Tubing Size Weight 2-3/8" 4.7#					Internal D	Diameter	Set at		Perforations		٦				
Type Completion (Describe) Gas (Single)				Type Fluid Production SW				Pump Ur Pumpi	Plunger?	Plunger? Yes / No					
Producing Thru (Annulus / Tubing) Tubing					% Carbon Dioxide				% Nitrog	ən	Gas Gravity - G _g				
Vertical Depth(H)				Pressure Taps Flange						•	Meter Ru 2"	un) (Prover) Size			
Pressure	Buildup	Shut in02/12		2/2	0_15 at_8		(AM) (PM)	Taken_	02/12/	20			(AM) (PM)		
Well on Line:		Started	02/13/ 20		0 <u>15</u> at 8			(AM) (PM) Taken_				-00			
						OBSERVE	D SURFAC	E DATA			Duration o	f Shut-in	Hours		
Static / Orific Dynamic Size Property (inche		Meter Prover Pressure		Pressure Differential . e in	Flowing Temperature t	Well Head Temperature t	I Malihaad Pracer				Duration (Hours)		Liquid Produced (Barrels)		
Shut-In			psig (Pm)		'				psig 0	psia	-				
Flow							70		0	- 					
						FLOW STR	REAM ATTR	IBUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact √P _m ×h F _g		or Temperature			eviation Factor F _{pv}	Metered Flow R (Mcfd)		GOR Subic Feet Barrel)	Flowing Fluid Gravity G _m		
(P _c) ² =		• "	ow)2 =		(OPEN FLO	OW) (DELIV		•				(P _a) ² =	= 0.207		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_g)^2$		(P _c) ² - (P _w) ²		Cose formula 1 or 2: 1. P _c ² - P _s ²		Backpr Sk		P _c - 14.4) + 14.4 ≃ ssure Curve De ≐ "n" - or signed ard Slope		.og []	Antilo	a	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14	.65 psia			
			•				•		to make th	•	ort and that	he has	knowledge of, 20		
uie iacis s	stated th	erein, and t	nai said	l report is true	e and correc	i. Executed	s ហេម <u></u> .	<u> </u>	_ day or/	n	oveness N	 /Ipanje	, 20		
		w	tness (if a	ny)	K	CC W	ICHIT/	 	\int_{0}^{∞}	For	Company				
		Fc	r Commiss	ion	į.	FEB 18	2015			Che	cked by				
						RECE	IVED								

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator F.G. Holl Company, LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the LUNZ "A" 3-21 gas well on the grounds that said well:
(Check one) 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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
CC WICHITA Signature: Loveness Mpanje FEB 18 2015 RECEIVED Loveness Mpanje 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.