KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					1	See Instru	ctions on R	everse Sia	e)						
Open Flow						~ . ~ .				ADI No. 15						
Deliverabilty						Test Date: 01/22/2015				API No. 15 15-047-20,621 -0000						
Company F.G. Holl Company, LLC						Lease BREITENBAC								Well Number 1-14		
County Location Edwards C NE NE				Section 14		TWP 25S		RNG (E/	RNG (E/W) 17W			Acres Attributed				
Field Wayne	•					Reservoir Mississi					hering Conn s Gathering				. =	
Completion Date 01/24/1980				Plug Bac 4609'	k Total De	pth	Packer Set at None			•						
Casing S 4-1/2"			Weight 10.5#			Diameter		Set at 4608'		rations 1' - 4445'		то 4456'-4460'				
Tubing Size Weight 2-3/8" 4.7#				Internal D	Diameter		Set at 4446'		Perforations			То				
Type Con Single (escribe)			Type Flui	d Productie	on		Pump Ur Flowin	nit or Traveling g	Plunger	? Yes	/ No		
Producing Tubing	g Thru	(An	nulus / Tubi	ng)		% C	Carbon Dio	xide		% Nitrog	en		Gas Gra	avity - (3 ₀	
Vertical E	Depth(H	1)					Pre Flai	ssure Taps					(Meter F	Run) (P	rover) Size	
Pressure	Buildu	n:	Shut in 0	/21	7 2	0 15 at 8) Taken 0	1/21/	20	15 _{at}	8:00		AM) (PM)	
Well on Line:			Started 01/22					(AM) (PM) Tal								
							OBSERV	ED SURFA	CE DATA			Duration	of Shut-i	in_24	Hours	
Static / Orifice Dynamic Size			Meter Prover Pressur		Pressure Differential in	Flowing Temperature	Well Head Temperatur	Wellhea	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Property	Property (inches)				Inches H ₂ 0	1	t									
Shut-In								250	<u> </u>	176				ļ		
Flow								249		24						
Γ	1						FLOW ST	REAM ATT	RIBUTES	1						
Plate Coefficient (F _b) (F _p) Mofd		Pro	Gircle one: Meter or Prover Pressure psia		Press Grav Extension Fact ✓ P _m xh F ₀		or Temperature		F	viation actor F _{pv}	Metered Flor R (Mcfd)	W	GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G _m	
/D \2			/D \2			•		VERABILIT	•		_	•		² = 0.2	07	
(P _c)² =	1			Chac	ose formula 1 or 2:				(P _c - 14.4) · ressure Curv				(P _d) ²			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _a) ² - (P _w) ²		2	i. P _e -P _e ² 2. P _e -P _e ² ed by: P _e -P _e ²	LOG of formula 1. or 2. and divide by:		Slope = "n" or Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flor	14				Maid @ 14	SE polo		Delivera	.hilih.		1	Motel @	14 65:			
					Mcfd @ 14.	•			<u> </u>				14.65 psi			
			_		ehalf of the report is true			•		to make th day of <u>J</u> a	anuary				20 15	
							1000	l Den			Lovene	SS Mpai	ness nje		W	
			Witness	(if any	0			MICH			For	Company				
			For Cor	nmissio	n		FEB	0 2 201	5		Che	cked by				
							RE	CEIVE	D							

exempt status under Rule K.A.R. 82-3 and that the foregoing pressure inforcorrect to the best of my knowledge at of equipment installation and/or upon. I hereby request a one-year exem gas well on the grounds that said weld. (Check one) is a coalbed methat is cycled on plung. is a source of nature is on vacuum at the	
I further agree to supply to the bestaff as necessary to corroborate this Date: 01/29/2015 KCC WICHITA FEB 0 2 2015 RECEIVED	est of my ability any and all supporting documents deemed by Commission is claim for exemption from testing. 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.