KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instru	uctio	ns on Re	verse Side	:)						
Op	en Flo	w				Test Date					4.01	No de					
De	eliveral	oilty				Test Date 01/28/2						No. 15)47-20,299	-000	I			
Company F.G. Holl Company, LLC					Lease MUNDHENKE					1-30	Well Number						
County Location Edwards NW SE NW				Section 30			TWP 24S		RNG (E/W) 17W			Acres Attributed					
Field Mundhenke				Reservoir Mississi				Gas Gathering Conne Prairie Pipeline			ection						
Completion 011/21/7			2/92			Plug Bac	k Total De	epth			Packer S None	et at					
Casing Size Weight 4-1/2" 10.5#					Diameter		Set at 4605'		Perfor 4471	ations ' - 4477'	То						
Tubing Size Weight 2-3/8" 4.7#					Internal Diameter			Set a 441		Perforations			То				
Type Cor Single (escribe)			Type Flui	d Producti	ion			Pump Un Pumpii	it or Traveling	Plunge	er? Yes	/ No		
Producing Thru (Annulus / Tubing) Tubing				% C	arbon Dio	oxide	% Nitro			en	Gas Gr	Gas Gravity - G _g					
Vertical D	Depth(I	H)						essu ange	ıre Taps e					(Meter I	Run) (P	rover) Size	
Pressure	Builde	1D:	Shut in 01	/27	/ ,	15 at 8				Taken_0	1/27/	20	15	8:00		(AM) (PM)	
Well on Line:			Started 01/28			0 15 at 8		_ (/	AM) (PM)	Taken 0	1/28/ 2			8:00 (A			
							OBSERV	VED	SURFACI	E DATA			Duratio	on of Shut-	_{in_} 24	Hours	
		fice Circle one tice Meter ize Prover Pres		Differential		Flowing Temperature	Well Head Temperatur		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₆)		Duration (Hours)	Liquid Produced (Barrels)			
	(inch	108)	psig (Pm)	Inches H ₂ 0	t	t	+	psig	psia	psig	psia			ļ		
Shut-In Flow						<u></u>		+	399 90		140						
	ŀ		<u> </u>			<u> </u>	ELOW ST		AM ATTR	IDIITES	140						
Plate			Circle one:		Danas				Flowing	T						Flowing	
Coefficient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension ✓ P _m x h		Grav Faci F _s	tor	/ Tame		Fa	iation octor pv	or R		W GOR (Cubic Fee Barrel)		l Eluia i	
(D.)2			(5.30			(OPEN FL									² = 0.2	:07	
(P _c)² =		- :-	(P _w)*		se formula 1 or 2:	P _o =		_% ,		² _c - 14.4) +	1	 ;		(P _d)	<u>'-</u> —		
$(P_o)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1, P _c ² - P _a ² 2, P _c ² - P _d ² divided by: P _c ² - P _w ²		LOG of formula 1. or 2. and divide P 2. P 2			Backpressure Curv Slope = "n" or Assigned Standard Stope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	w				Mcfd @ 14.	65 neia			Deliverab	ility			Metal 6	14.65 ps	ia i		
												,		•			
		-	-		ehalf of the report is true	•			•		o make th day of <u>Ja</u>	nuary	ort and	that he ha		ledge of 20 <u>15</u> .	
									VICH				venes	s Mpanje	م		
			Witness	(if any	<i>(</i>)	•						For C	Company				
			For Con	missio	n		reb	3 ()	2 2015)		Che	cked by				
							R	EC	EIVE	D							

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 Mundhenke 1-30 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.	ו
KCC WICHITA FEB 0 2 2015 RECEIVED KCC WICHITA Signature: Loveness Mpanje Petroleum Geologist 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.