Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

(See Instructions on Reverse Side)

Type Test	:					(See Instruc	tions on Reve	erse Side,)				
Ор	en Flo	w			-								
Deliverabilty				Test Date 01/23/2	1est Date: 01/23/2013 - 01/24/2014				No. 15 5-047-21,2	35 -0000			
Company							Lease					Well Number	
F.G. Holl Company, L.L.C.					BREITENBA				T-1007-100		1-19		
County Location Edwards NE NE SE			Section 19			TWP 24S		:/ / //)	Acres Attributed				
Field			Reservoir				16W Gas Gat	hering Conne	ection		_		
Embry Ext.			Mississ	sippi		Semgas Gatheri			ng L.L.C.				
Completion Date				•	Plug Back Total Depth			Packer Set at					
01/09/1) A (- : - i	. 4	4427'	Internal Diameter Set at			None				
Casing Si 4-1/2"	ze		Weigl 10.5		internal L	nameter	4440'		Perforations 4304'- 4322'		То		
Tübing Size Weight			Internal Diameter		Set at		Perforations		То				
2"			4.7#			4298'							
Type Com Single (•		escribe)		Type Fluid	d Production			Pump U	nit or Traveling Unit	Plunger? Yes	' No	
Producing	Thru	(Ann	ulus / Tubing)	% Carbon	Dioxide			% Nitrog	jen	Gas Gr	avity - G _g	
Tubing													
Vertical D	epth(H	1)				Pressi Flan	ure Taps ge				(Meter R 2"	un) (Prover) Size	
Pressure	Buildu	p: \$	Shut in 01/	/23/2014 - ₁	eat _8:			raken 0	1/23/20	014 19	at 8:00	(AM) (PM)	_
Well on Li	ne:	S	started 01/	24/2014 1	9:at9:	00	(AM) (PM)	raken <u>0</u>	1/24/20	14 19	at <u>9:00</u>	(AM) (PM)	
	,					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hou	ırs
Static /	Orif	ce	Circle one: Meter or	Pressure Differential	Flowing	Well Head	Casir Wellhead P			Tubing ead Pressure	Duration	Liquid Produced	
.,		e es	Prover Press	ure in (h)	Temperature t	Temperature t	(P _w) or (P _t) or (P _c)			r (P _t) or (P _c)	(Hours)	(Barrels)	
,			psig	Inches H ₂ 0		•	psig	psia	psig	psia			
Shut-In							79				24		
Flow							17						
						FLOW STR	EAM ATTRII	BUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension Š P _m x H _w	Grav Fact	Tomogratura		Deviation Factor F _{pv}		Metered Flov R (Mcfd)	W GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G_m	
							- 11					, , ,	_
	!				(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		l	2- 0.007	_
(P _c) ² =		_ :	(P _w) ² =	:	P _d =		% (P	- 14.4) +	14.4 =	:	(P _d)	2 = 0.207 2 =	
				Choose formula 1 or 2	:		Backpress	sure Curve				Open Flow	
(P _c)² - (F or		(P	c)2 - (P _w)2	1. P _c ² -P _a ²	LOG of formula	<u> </u>		e = "n" or	n x	LOG	Antilog	Deliverability	
or (P _c) ² - (F) ²			2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1, or 2. and divide by:	P _c ² -P _w ²		gned rd Slope				Equals R x Antilog	}
			:										_
Open Flow	/	Mcfd @ 14.65 ps				sia De		Deliverability		Mcfd @ 14.65 psia			
The u	ndersi	gned	authority, or	behalf of the C	ompany, stat	es that he is			-P		that he has know	ledge of the facts	
stated there	ein, ar	d tha	it said report	is true and corre	ect. Execute	d this the	873t	day or	J-00	way	0014	, 19	
			Witness	if any)			KCC V	VIUN	IIA	<u> For</u>	Company	paye	1
			£ ~ . C ~	mission			FEB_0	3 201	4				
			For Com	mssion						Chec	cked by		

RECEIVED

I declare under penalty or 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, L.L.C. and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named. I hereby request a permanent exemption from open flow testing for the BREITENBACH M. 1-19 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 incapable of producing at a daily rate in excess of 250 mcf/D Date:
Signature: Laveness mpaye Title: Petroleum Geologist

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.

FEB 03 2014