KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Re	verse Side	;)				
✓ Op	en Flo	w			Tool Date				ام	No. 15			
De	liverab	ilty		•	Test Date 6/13/20					075-30005 	0000		
Company		— Oper	ating, L.L.C				Lease Gould 2	<u> </u>			1-13	Well Nur	mber
County Hamilto	n		Locati 2440 FS	on L & 2790 FEL	Section 13		TWP 22S		RNG (E	(W)		Acres A	tributed
Field Bradsh	aw	•			Reservoi Winfiel					thering Conne Energy Sen		K	CC.
Completion	on Dat	0			Plug Bac 2735	k Total Dep	th		Packer \$	Set at			UN
Casing S	ize 		Weigh 14.0	t 	Internal (Diameter	Set a 273		Perfo 271	rations 4	70 2714		CC W UN 05 RECEIV
Tubing Size 2.375			Weigh 4.7	t	Internal I 1.995	Diameter Set a 271			Perforations		То		CEIVI
Type Con Single (n (De	escribe)			d Production			Pump U	nit or Traveling Unit	Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) Annulus				% C	arbon Dioxi	ide		% Nitrogen		Gas Gravity - G _g .759		g	
Vertical D	epth(F	1)				Pres	sure Taps				(Meter) 2.067	, ,	over) Size
Pressure	Buildu	p: :	Shut in 6/1:	2 2	0 14 at 8	:00	(AM) (PM)	Taken 6/	13	20	14 at 8:00	(/	NM) (PM)
Well on L	ine:	1	Started	2	0 at		(AM) (PM)	Taken		20	at	(/	AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	n_24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₅ 0	Flowing Well Head Temperature f		Casing Wellhead Pressure (P _w) or (P _c) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_l) or (P_a) psig psia				Produced arrels)
Shut-In							66	80.4	13	27.4	24		
Flow			_										
						FLOW STR	EAM ATTR	IBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Cincle one: Meter or Prover Pressure psla		Press Extension P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{II}		iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m
										<u> </u>			
(P _c)² =		_:	(P _w) ² =	:	•	OW) (DELIV) CALCUL ² , - 14.4) +		:	(ዮ _ል)፡ (ዮ	² = 0.20 ² = _	7
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _o) ² - (P _w) ²		Choose formula 1 or 2 1. $P_0^2 - P_a^2$ 2. $P_0^2 - P_d^2$ divided by: $P_0^2 - P_w^2$	LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n"		, nxlog		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	{						-		-				
Open Flov	<u>l</u> N			Mcfd @ 14.	 65 psia		Deliverab	 pility			//ucfd @ 14.65 psi	 а	
		_	••	n behalf of the	• •		•			•	t and that he ha		•
			W(tness (ii	'any)		<u>-</u> _	-		_	For Co	ompany		
			For Comm	ssion			-			Check	ked by		

		under the laws of the state		-
		304 on behalf of the operato		
	,	nation and statements con	* *	
	-	d belief based upon availal	·	
• •		pe of completion or upon u	•	_
		tion from open flow testing	for the	
gas well on the g	rounds that said well:			KCC
(Checl	k one)			KCC WICHITA JUN 05 2015 RECEIVED
(J.138)	is a coalbed methan	ne producer		JUN 05 2015
片	is cycled on plunger	•		RECEILE
片	,	al gas for injection into an o	oil reservoir undergoi	na ER
	1	present time; KCC approva	_	
	<u>.</u>	oducing at a daily rate in e		_
ت	, .	,		
I further agre	e to supply to the bes	t of my ability any and all s	supporting document	s deemed by Commissior
staff as necessar	ry to corroborate this c	claim for exemption from to	esting.	
			-	
Date: 5/11/2015				
Date: <u>3/11/2013</u>				
		١, ,		
		Signature:	il Whon	<u>ut</u>
		· -		
		Katie Wria	ht, Regulatory Analys	ef

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.