KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instructi	ions on Rev	erse Side)				
✓ Op	en Flo	w			Test Date	.,			ΔDI	No. 15		2	
De	liverat	oilty	٠	٨٨		2011			15-	007-10411	-000	\circ	
Company		illing	Company,		<u> </u>		Lease Brook 1-	13			1	Well Number	
County Barber			Locat NE SE		Section 13		TWP 32S		RNG (E	W)		Acres Attributed	
Field Palmer					Reservoii Mississi				Gas Gat	hering Conne	ection		
Completion 1963	on Da	te			Plug Bac 4575	k Total Dept	h		Packer S	Set at			
Casing S 5 1/2	ize		Weigi 14	nt	Internal [Diameter	Set at		Perfo 451	rations 7	то 4 52 3		
Tubing Si 2 3/8	ize		Weigi 4.7	nt	Internal [Diameter	Set at		Perfo	rations	То	·	
Type Completion (Describe) Single (Gas)					Type Flui	Type Fluid Production			Pump Unit or Traveling Plunger? (Yes) / No			≫ / No	
			nulus / Tubin	g)	% C	% Carbon Dioxide			1.9			Gas Gravity - G _g	
Vertical D	Depth(l	H)		Andrew Control of the		Pres	sure Taps			**********	(Mete	r Run) (Prover) Size	
Pressure	Buildu	ıp:	Shut in	JOY 17 :	20 11 at	10	(AM) (PM)	Taken	Vov	18 20	11 at 1) (PM)	
Well on L							_					(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shu	ıt-in Hour	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 85	psia	psig	psia	DEC 2 2	VED	
Flow										K		2011	
						FLOW STR	EAM ATTRI	BUTES			OC WICH	<i>41</i> 7.	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Fac	Gravity Factor F _g		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOF (Cubic F Barre	Fluid Gravity	
(5.)3			(D.)2		`	, ,	ERABILITY)					$(a)^2 = 0.207$	
(P _c) ² =		; 	(P _w) ² =	Choose formula 1 or 2				- 14.4) +		·	(F	g) ² =	
$(P_c)^2 - (P_a)^2$ 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	LOG of formula 1. or 2.	formula 1. or 2.		Backpressure Curve Slope = "n"or Assigned		LOG	Antilog	. Open Flow Deliverability Equals R x Antilog	
(1-6) (1	-d)-			divided by: P _c ² - P _w	and divide	P _c ² - P _w ²		rd Slope		L J		(Mcfd)	
						-			-		· · · · · · · · · · · · · · · · · · ·		
Open Flow Mcfd @ 14.65			.65 psia	5 psia		Deliverability			Mcfd @ 14.65 p	sia			
The (unders	signe	d authority, o	n behalf of the	Company, s	states that h	e is duly aut	horized to	o make th	ne above repo	rt and that he l	nas knowledge of	
the facts s	tated t	therei	in, and that s	aid report is tru	e and correc	t. Executed	this the		day of			, 20	
			Witness	(if anv)		e anav <u>as anos s</u>		· .		For C	Company		

			For Com	nission						Chec	ked by		

	nder penalty of perjury			ansas that I a	m authorized to request
			•		cation form are true and
			·		naries and lease records
					e gas well herein named.
	uest a one-year exem		llow testing for the	e <u>Probl</u>	<u> 1715</u>
gas well on the	grounds that said well:	•			
(Cho	ck one)				
(0.160	· =	no producor			
<u> </u>	is a coalbed metha	•			
	is cycled on plunge			mioir undorge	oing CD
	is a source of natur	_			
	is on vacuum at the	•	• •		
X	is not capable of p	roducing at a da	ily rate in excess o	ot 250 mct/D	
I further on	roa ta' supply to the ba	at of my ability a	ny and all suppor	tina documer	nts deemed by Commiss
	ary to corroborate this			ang docamer	its deemed by Commissi
stan as necesso	ary to corroborate triis	ciaim for exemp	mon from testing.		
	•				RECEIVED DEC 2 2 2011 KCC WICHITA
Date:	-0/2011				DEC
					KO- 22 2011
					CC WICH
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			\mathcal{O} .	0 11	\mathcal{O}
			1 / 1	/ A./I	
·		Signature: _	Kuhe	Cvan	
		Signature: _	Kauhu Secretary	1	No.

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.