Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				0	See Instruct	tions on Re	verse Side)				
Open Flow					Test Date:				API No. 15				
✓ Deliverabilty				4/18/15				15-113-20334 - 0000					
Company Rierson Energy, LLC					Lease Kaufman			an	Well Number #1				
County Location McPherson SW NW					Section 28				RNG (E/W) 2W			Acres Attributed	
Field Harmac SE				Reservoir Mississippi			Gas Gathering American End						
Completion 8/20/19						Plug Back Total Dept 3170		Packer None		et at			
Casing S 4 1/2	ize		Weight 10.5		Internal Di 4		iameter Set at		Perforations 3134 & 3169		То	То	
Tubing S 2 3/8	ize	Wei 4.7	Weight 4.7		Internal Diamete		Set at		Perforations		То		
Type Cor Single	npletion	(Describe)				Type Fluid Production SW		1		iit or Traveling ng Unit	Plunger? Yes	Plunger? Yes / No	
Producing Tubing	g Thru	Annulus / Tub	ing)		% C	% Carbon Dioxid				% Nitrogen 4.09		Gas Gravity - G _g 0.6766	
Vertical E	<u>-</u>			<u>-</u>	Pres Flang	sure Taps ge				(Meter Run) (Prover) Size 4"			
Pressure	Buildup	: Shut in 4/				15 at 10:00AM (AM) (PM) Ta							
Well on L	.ine:	Started 4/	18	2	0 15 at 1	1:15AM	(AM) (PM)	Taken	·	20	at	(AM) (PM)	
				Pressure		OBSERVE	D SURFAC	E DATA			Duration of Shut-	-ìnHou	
Static / Dynamic Property	Orific Size (inche	e Meter	Circle one: Meter Prover Pressure psig (Pm)		Flowing We'll Hear Temperature t		I Wallhaad Pressure		Tubing Wellhead Pressure (Pw) or (P1) or (Pc) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			•	Inches H ₂ 0			200	214.4	220	234.4	24		
Flow							<u></u>		<u>_</u>				
						FLOW STR	EAM ATTE	RIBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Meter or rover Pressure		Grav Fact F _g	or	Temperature Factor		viation Metered (actor R F _{pv} (Mcdd		w GOR (Cubic Fe Barrel)	Gravitu	
										<u> </u>			
(D.)1	_	- (D.)			•	OW) (DELIV		•				2 = 0.207	
(P _c) ² =	7	: (P _w)	Cho	ose formula 1 or 2.	P _d =		T -	P _c - 14.4) + essure Curve	14.4 =	<u></u> -	(P₀)	T	
(P _c) ² - (P _e) ² or (P _c) ² - (P _d) ²		(P _o) ² - (P _w) ²			LOG of formula 1, or 2, and divide	formula 1. or 2., and divide p 2 p 2		Slope = "n"or Assigned Standard Slope		.og [`]	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
<u> </u>		<u> </u>	divid	sed by: Pc2 - Pw	! by:	<u>ٿ ٿا</u>	Stand	ard Stope	 				
Open Flo	<u>w</u> _			Mcfd @ 14.	65 psia		Deliverat	oility 13			Mcfd @ 14.65 ps	ia	
The	undersig	ned authority,	on b	ehalf of the	Company, s	tates that h		_			rt and that he ha		
the facts s	tated th	erein, and that	said	report is true	and correct	t. Executed	this the 1	<u> </u>	day of A	<u> 3ril</u>	7.	, ₂₀ <u>15</u>	
		Witnes	s (if an	у)	KC	C WIC	ميرانيد .	0		ForC	Company	-01 :	
							•	Kur	y K	iter Son	pres	idno	
		For Co	nmissi	OΠ	AF	R 29 2	1015		(Chec	oneu uy		

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Signature:

Title: Presiden

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.