KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t;					(See Instru	ictions on R	leve	erse Side)						
□ Ор	en Flo	W				Total Date					4.00	N- 45					
De	liverab	ilty				Test Date 4-4-14	9:				07	No. 15 1-20,642 -	-000	30			
Company W.R. W		าร,	inc.					Lease Tarm	an			<u> </u>			Nell N	umber	
County Greeley			Locat C NE	ion	Section 34		. <u> </u>	TWP 16S			RNG (E/W) 40W			Acres Attributed 560			
Field Byerly						Reservoi Towan			•	Gas Gathering Conn Duke Energy			าก				
Completion 07-96	on Dat	е				Plug Bac 3003	pth	h			Set at						
Casing S 4.5	ize	•	Weigi 10.5	ht	Internal D 4.052		Diameter		Set at 3050		Perforations 2940			то 2951			
Tubing Si	ize		Weig 4.7	ht	Intern 1.99		ernal Diameter 995		Set at 2944		Perforations			То			
Type Completion (Describe) Single Gas				Type Fluid Production Water					Pump Unit or Traveling Plunger? Yes / No Pump Unit								
	g Thru	(Anı	nulus / Tubir	g)		% (Carbon Dio	xide			% Nitrog			Gas Gra	avity -	G _g	
Vertical D	-	1)					Pre	essure Taps							Run) (I	Prover) Size	
Pressure	Buildu	p: ·	Shut in4-1	l	20	14 at 1	1:55 AM	 (AM) (PM	l) T	Taken_4-	4	2	14	11:55	ΔM	(AM) (PM)	
Well on L	ine:													_ at			
							OBSERV	/ED SURFA	CE	DATA			Dur	ation of Shut-	_{in_} 72	Hours	
Static / Orifice Dynamic Size Property (inches)		е	Meter Prover Pressure		Pressure Differential .	Flowing Temperature t	Well Head Temperatur	Wollhoad Proceuro		ressure	Tubing Wellhead Pressure (P_w) or (P_t) or (P_o)		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In	(psig (Pm)	+	Inches H ₂ 0	<u> </u>	<u> </u>	psig 120.0		psia 134.4	psig	psia	72)			
Flow				7				1			_		<u> </u>				
			•		<u> </u>		FLOW S1	TREAM ATT	RIE	BUTES							
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter of over Pressure psia		Press Extension	Grav Fac	tor	Flowing Temperature Factor F _{it})	Fa	ation ctor	Metered Flo R (Mctd))W	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
(P _c) ² =		:	(P _w)² :	<u>.</u>	<u>:</u>	(OPEN FL P _a =	, ,	IVERABILIT _%	-	CALCUL - 14,4) +		:		(P _e); (P _d);	? = 0. ? =	207	
		 (F	(P _c) ² - (P _w) ²		ise formula 1 or 2: . P _c ² - P _a ² . P _c ² - P _d ² . P _c ² - P _d ²	LOG of formula 1. or 2. and divide by:		Backp Si	Backpressure Curve Slope = "n" or Assigned Standard Slope					Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
									_				_	_			
Open Flo						S pein		Delivera	ahii:				NAC4	1 @ 14 85			
<u> </u>						•								d @ 14.65 psi			
					ehalf of the (report is true			•			o make ti day of		ort a	nd that he ha		wledge of	
			orgoverne struct w		open io noo	301100	=				e Dan:					WICHIT	
			Witness	(if any)				-			Fo	Сотра	iny		1 7 2014	
			For Com	nissio	n	 -				·		Ch	ecked t	oy P	_	CEIVED	
															· / L	クー! A E D	

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.
	t the foregoing pressure information and statements contained on this application form are true and
orrect	to the best of my knowledge and belief based upon available production summaries and lease records
f equip	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	reby request a one-year exemption from open flow testing for the
as wel	I on the grounds that said well:
	(Chack and)
	(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
l fu	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
taff as	necessary to corroborate this claim for exemption from testing.
ate: <u>4</u>	-16-14
	Signature:

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.

APR 17 2014