KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes					(See Instruc	tions on Re	everse Side	e)				
<u>`</u>	en Flow			Test Dat	e:				l No. 15			
<u> </u>	eliverabilt	y 		5-22-12	2			07	1-20,203 -	<u>∞</u> -∞		
Company W.R. V		s, Inc.				Lease Johns	on			2	Well Num	oer
County Location Greeley NE/NE/NE			Section 32			TWP 17S		/W)	Acres Attribute 640		ibuted	
Field Byerly				Reservoir Towanda			Gas Gathering Connection Duke Energy					
Completion Date 12-80			Plug Bad 3044	Plug Back Total Depth 3044			Packer	Set at				
Casing Size Weight .5 10.5			Internal 4.052	Internal Diameter 4.052		Set at 3045		orations '6	το 2984			
Tubing Size Weight 2.375 4.7			Internal ! 1.995	Diameter	Set at 3020		Perforations		То			
Type Completion (Describe) Single Gas					Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No Pump Unit				
Producing Thru (Annulus / Tubing)					% Carbon Dioxide				% Nitrogen Gas Gravity - G			
Annulus Vertical C 3045					Pres	sure Taps				.885 (Meter	Run) (Prov	rer) Sizo
	Buildup:	Shut in 5	21	20 12 _{at} 6	:45 AM	(AM) (PM)	Taken 5-	22	20	12 _{at} 8:45 A	M (A)	
Well on L										at		
					OBSERVE	D SURFAC	E DATA			Duration of Shut	26.0	. Hou
Static / Dynamic Property	Orifice Size (inches	Circle one Meter Prover Pres psig (Pn	Differenti sure in	Temperature	Temperature Temperature		(P _u) = (P ₁) = (P ₁)		Tubing ad Pressure · (P _t) er (P _t)	Ouration (Hours)	Liquid Produced (Barrets)	
Shut-In			,			43.6	_{psa} 58	bzz	psto	26.0		
Flow												
					FLOW STR	EAM ATTR	RIBUTES					
Plate Coefficient (F _a) (F _a) Mold		Crote one Meter or Prover Pressure psia	Press Extension	_ FAG.	tor Temperature		Deviation Factor F _B		Mctered Floe R (Mctd)	GOR (Cubic Fe Barrel)	sel/	Flowing Fluid Gravity G
		·										
P _c) ² =	 :	(P _w) ²	=;	P _d =	OW) (DELIV		7) CALCUL P _e - 14.4) +	-	= .;	(P _a)) ² = 0.207) ² =	 .
$(P_{a})^{2} - (P_{a})^{2}$ or $(P_{a})^{2} - (P_{a})^{2}$		(P _c)² - (P _w)²	2. P.F. P.Z. dwated by: P.Z.	1. Pr P LOG of formula 2. Pr P and divide		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w		Mcfd Ø	14.65 psia	 	Defiverat	oility			Mcfd @ 14.65 ps	ia	
The u	ındersign	ed authority,	on behalf of th	ne Company, s	states that h	e is duly a	uthorized to	make th		rt and that he ha		ge of
				rue and correc							, 20	
							D	eke D	aniels			
	-	Witness	(if tray)			-			For C	tempony		
		Witne∷				-		•	aniels For C		R	

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exempt status und and that the foreç	r penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.
of equipment insta I hereby requ	of my knowledge and belief based upon available production summaries and lease records lation and/or upon type of completion or upon use being made of the gas well herein named. It a one-year exemption from open flow testing for the
staff as necessar	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>5-23-12</u>	Signature: <u>Alundon</u> Title: <u>President</u>

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.

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KCC WICHITA