## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:	-			(	(See Ins	structio	ons on Re	verse Side	e)						
Op	en Flow				Test Date	۵.				ΔP	l No. 15					
Deliverabilty				4-4-14						API No. 15 071-20,217 - <b>000</b> 0						
Company W.R. W		, Inc.			-	-		Lease Coake	s				7	Well N	umber	
County Location Greeley SE/SE/SE			Section 7				TWP RNG (E/W) 17S 40W			Acres Attributed 640						
Field Byerly				Reservoir Towanda			Gas Gathering Conne Duke Energy				1					
Completion Date 12-80				Plug Bad	Plug Back Total Depth 3055			Packer Set at								
Casing Size Weight 4.5 10.5				Internal Diameter 4.052			Set at 3060		Perforations 2960		то 2970					
Tubing Size Weight			Internal I	Internal Diameter			Set at		Perforations		То					
2.375 4.7				1.995 29												
Type Completion (Describe) Single Gas				Type Flui Water	Type Fluid Production Water				Pump Unit or Traveling Plunger? Pump Unit				/ No			
Producing Thru (Annulus / Tubing) Annulus				% (	% Carbon Dioxíde				% Nitrogen				Gas Gravity - G <sub>g</sub> .848			
Vertical D	epth(H)					i	Pressi	ure Taps						Run) (F	rover) Size	
3060		Shut in	 1		_ 14 1	1:30 A	.M		4-	4		14	11:30	AM		
Pressure Well on L	•										20				(AM) (PM) (AM) (PM)	
								, (,								
		<del></del>		Г	<del></del>	OBSE	RVED	SURFAC	E DATA			Dura	tion of Shut	<sub>:-in</sub> _72	Hours	
Static / Dynamic Property	Orifice Size (inches)  Circle cne:  Meter Prover Pressu psig (Pm)		sure	Pressure Differential in	Flowing Temperature t	emperature Temperat		Wellhead (P <sub>w</sub> ) or (F			Tubing ead Pressure or (P <sub>c</sub> ) or (P <sub>c</sub> )	Duration (Hours)			Liquid Produced (Barrels)	
Shut-In		psig (Pm	,	Inches H <sub>2</sub> 0				psig 166.0	180.4	psig	psia 7		72			
Flow													_		_	
						FLOW	STRE	AM ATTR	IBUTES				_			
Plate Coeffieci (F <sub>b</sub> ) (F <sub>b</sub> Mcfd	ient p) Pi	Circle one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> x h	Fac	Gravity Factor F <sub>g</sub>		Flowing mperature Factor F <sub>ft</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)		GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =	<b>:</b>	(P <sub>w</sub> ) <sup>2</sup>	=	:	(OPEN FL		ELIVE %		) CALCUL <sup>2</sup> - 14.4) +		:		(P <sub>a</sub> )	) <sup>2</sup> = 0.2	207	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>a</sub> ) <sup>2</sup> (	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		ose lormula 1 or 2 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> ted by: P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>	LOG of formula 1. or 2, and divide	LOG of formula 1. or 2, and divide P2-P		Backpre Sloj As	ssure Curve pe = "n" - or signed ard Slope		roe		Antilog	Open Flow Deliverability Equals R x Antilog (Mc1d)		
•		-											_			
Onen Fl-				N-G O 44	05:-				***			<u> </u>		<u> </u>		
Open Flou		<u> </u>		Mcfd @ 14.	•			Deliverab					@ 14.65 ps			
		ed authority, o									ne above rep April	ort and	d that he ha		ledge of 20 14 .	
		,				=	awa U			Danie					C WIC	
		Witness	(if any	y)			-	-				Сопрал	у		V WIIV	
		For Com	missio	on			_	-			Ch	ecked by		AF	<del>R 17 2</del>	

1 1 1									
	under penalty of perjury under the laws of the state of Kansas that I am authorized to request								
	s under Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.								
	foregoing pressure information and statements contained on this application form are true and								
	best of my knowledge and belief based upon available production summaries and lease records								
	installation and/or upon type of completion or upon use being made of the gas well herein named.								
	request a one-year exemption from open flow testing for the Coakes #7								
gas well on t	ne grounds that said well:								
(C	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								
I further	agree to supply to the best of my ability any and all supporting documents deemed by Commissio								
staff as nece	ssary to corroborate this claim for exemption from testing.								
Date: 4-16-1	4								
	Signature: Lillian								
	Title: President								
	Title: 1 Toolaott								

## 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.

\*\*CC WICHITA\*\*

APR 17 2014