KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			((See Instru	ctions on Re	everse Side	e)				
Open Flow			Test Date	-				No. 15			
Deliverabilty			5-22-13 Lease				071-20,826 - 0490 Well Number				
V.R. Williams	s, Inc.				Nuss					1	
County Location Greeley 412 FNL & 1155 FEL			Section 24		TWP 19S			/W)	Acres Attributed 320		
Field Bradshaw			Reservoir Towanda/Fort Riley				Gas Gathering Connection Duke Energy				
Completion Date 06-20-05			Plug Back Total Depth 2934				Packer Set at				
asing Size Weight .5 11.6			Internal (4,052	Diameter		Set at 2938		rations 4	то 2905		
ubing Size Weight 4.7		Internal Diameter 1.995		Set at 2923		Perforations		То			
Type Completion (Describe) Single Gas			Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No Pump Unit			/ No		
Producing Thru (Annulus / Tubing) Annulus			% Carbon Dioxide				% Nitrogen		Gas Gr . 793	Gas Gravity - G _s	
Vertical Depth(H)				Pre	ssure Taps					Run) (Prover) Size	
Pressure Buildup:	Shut in 5-	21 20	13 at 9	:55 AM	(AM) (PM)	Taken_5	-22	20	13 at 10:55	AM (AM) (PM)	
Vell on Line:	Started								at		
· · · · · · · · · · · · · · · · · · ·				OBSERV	ED SURFAC	E DATA			Duration of Shut-	in 25 Hour	
Static / Orifice Dynamic Size Property (inches	Meter Prover Pres	Circle one: Pressure Meter Differential Prover Pressure in		Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing ead Pressure r (P _r) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	psig (Pm) Inches H ₂ 0				psig psia 42.0 56.4		psig psia		25		
Flow					12.0			<u> </u>			
1				FLOW ST	REAM ATTR	RIBUTES	1				
Plate Coefficient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Meter or Extension		Gravity Factor F _g		wing Deviatio erature Factor ctor F _{pv}		Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m	
? _c)² =	: (P)²	=:	(OPEN FL		VERABILITY	/) CALCUI P _c - 14.4) +		•	-	² = 0.207 ² =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P _c) ² - (P _w) ² Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ²		LOG of formula 1. or 2. and divide p2 p2		Backpressure Curve Slope = "n" or Assigned		e a x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
		divided by: P _c ² - P _w ²	by:		Stand	dard Slope				(mora)	
Open Flow		Mcfd @ 14.6	35 osia	· · · · · · · · · · · · · · · · · · ·	Deliverat	nility			Mcfd @ 14.65 psi	a	
·	ned authority.			states that			to make th		ort and that he ha		
		said report is true	•		-		day of	•	are divide that the the	·	
	Witness	(if any)	· · · · · · · · · · · · · · · · · · ·			De	ke Dar		Company	CC WICH	
PP I de character i commence de character i i con contracte de character de charact	For Com				-				. ,	MAY 28 2013	
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										RECEIVE	

يأما	clars under people, of parity, under the laws of the state of Kapasa that Law authorized to request
	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.
and tha	t the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Nuss #1
	I on the grounds that said well:
	(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
	To not dupuble of producing at a daily rate in excess of 200 mens
	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date: _5	-23-13
	Signature: WR While
	Title: President
	Title: Tresteent

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. signed and dated on the front side as though it was a verified report of annual test results.

MAY 28 2013

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