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

Type Test:	:				(	See Instruc	tions on He	verse Sidi	<del>?</del> )					
	en Flow liverabilt	y			Test Date 5-22-12					40. 15 -20.826 <i>-</i> -	co-oo			
Company W.R. Williams, Inc.			Lease Nuss					20,020	Well Number					
County Greeley			Location	1 1155 FEL	Section 24		TWP 19S		RNG (E/W) 41W			Acres Attributed 320		
Field Bradshaw					Reservoir Towanda/Fort Riley				ering Conn nergy					
Completion Date 06-20-05			Plug 8ac 2934	Plug Back Total Depth 2934				at at						
Casing Sizo Weight 4.5 11.6				Internal 0 4.052	Diameter	Set at <b>2938</b>		Perforations 2874		то 2905	то 2905			
•			Weight 4.7	<del></del>	Internal Diameter 1.995		Set at <b>2923</b>		Perforations		То			
Type Com					Type Flui Water	d Production	n		Pump Uni Pump l		Plunger? Yes	3 / No		
Commingled (Gas) Producing This Annulus / Tubing) Annulus			% C	% Carbon Dioxide				<del>-</del>			Gas Gravity - G <sub>g</sub>			
Vertical D			-			Pres	sure Taps						Prover) Size	
	Buildup:	Shut is	5-21	2	0 12 at 8	:45 AM	(AM) (PM)	Taken 5	-22	20	12 <sub>at</sub> 10:45	AM	(AM) (PM)	
Well on Li											at			
	,					OBSERVE	D SURFAC	E DATA			Duration of Shu	n-in _26	Hou	
Static / Dynamic Property	namic Size		de one. Meter Pressure g (Pm)	Pressure Differential in Inches H <sub>.</sub> 0	Flowing Well Head Temperature Temperatur		e Wellhead Pressure (P_) or (P <sub>t</sub> ) or (P <sub>t</sub> )		Tubing Welthead Pressure (P <sub>w</sub> ) ~ (P <sub>t</sub> ) ~ (P <sub>t</sub> )		Duration (Hours)	1 .	Liquid Produced (Barrels)	
Shut-In		<del>                                     </del>		,			63.7	78.1	pang pso		26			
Flow														
						FLOW STR		IBUTES			-		· · · · · · · · · · · · · · · · · · ·	
Plate Coefficient (F <sub>a</sub> ) (F <sub>a</sub> ) Mcfd		Circle one Meter or Prover Pressure psia		Press Extension Pmxh	Grav Fac F	tor	Terroperature		tation actor	Metered Floo R (Mcfd)	(Cubic f	GOR (Cubic Feet/ Barrel)		
					(OPEN FL	OW) (DELIV	ERABILITY	) CALCUL	ATIONS	<del>,</del>	(P	.) <sup>2</sup> = 0.2	207	
(P <sub>r</sub> )? =	<del></del>	:	(P <sub>w</sub> )² = _	occe lomula 1 or 2	P <sub>d</sub> =		% (1	P <sub>c</sub> - 14,4) +	14.4 =	:		) <sup>2</sup> =		
(P <sub>1</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>1</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup>		(P <sub>c</sub> )²- (P <sub>m</sub> )²		1. Pr. Pr LOG of formula 2. Pr. Pr 1 or 2		Stope or Assig		essure Curve pe = "n" or usigned tard Slope	n x L(	og :	Ant.log	De Equat	Open Flow Deliverability Equals R x Antilog (Mcfd)	
<del></del>			-									-		
Open Flov	W			Mcfd @ 14.	65 psia		Deliveral	olity			Mcfd @ 14.65 p	sia		
	_		-				•			•	rt and that he h			
he facts st	lated the	irein, and	that said	l report is true	e and correc	t. Executed	this the _2		day of <u>Ma</u> Daniel			,	20	
		,	Vitness (il a	ny)			-			····	<b>Сотпролу</b>	-RE	CEIVE	
		1	or Commics	itan	,		•			Cha	ked by	JUI	N 15 2	

exempt status un and that the fore	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.  going pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records
• •	tallation and/or upon type of completion or upon use being made of the gas well herein named.  lest a one-year exemption from open flow testing for the Nuss #1
gas well on the g	·
	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 mct/D e to supply to the best of my ability any and all supporting documents deemed by Commission
Staff as necessa  Dale: 5-23-12	ry to corroborate this claim for exemption from testing.
	Signature: LL LLLL

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.

RECEIVED

JUN 1 5 2012