KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				((See Instru	ictions on Re	verse Side	e)				
= :	n Flow			Test Date	ə:			API	No. 15			
Deli	iverabilty 	'		4-4-14				07	1-20,113 -			
Company N.R. Wi		, Inc.				Lease CRC				1	Well Number	
County Location Greeley C/SE/SE			Section 18		TWP 17S			W)	Acres Attributed 640		d	
Field Byerly					Reservoir Towanda			Gas Gathering Connection Duke Energy				
Completion Date 05-76				Plug Bac 3013	Plug Back Total Depth 3013			Packer \$	Set at			
Casing Size Weight5 9.5			Internal I 4.090	Diameter		Set at 3025		rations 8	то 2981			
Tubing Size Weight 2.375 4.7			Internal I	Diameter		Set at 2993		rations	То			
Type Com Bingle G		Describe)		Type Flui Water	d Producti			Pump U	nit or Traveling Unit	Plunger? Yes	/ No	
_	Thru (A	nnulus / Tubii	ng)		Carbon Dio	xide		% Nitrog		Gas G .852	ravity - G _g	
Vertical De			·-		Pre	essure Taps			•		Run) (Prover) Si	ize
Pressure E	Buildup:	Shut in 4-	1 2	0_14_at_1	1:20 AM	I (AM) (PM)	Taken_4	-4	20	14 at 11:20	AM (AM) (PN	 VI)
Well on Lir	ne:	Started	2	0 at		_ (AM) (PM)	Taken		20	at	(AM) (PN	vI)
					OBSERV	ED SURFAC	E DATA			Duration of Shut	72 H	lours
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Press psig (Pm	Differential in	lemperature Tempera		wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		pog (i iii	,			94.0	psia 108.4	psig	psia	72		
Flow					·							
					FLOW ST	REAM ATT	IBUTES					
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Press Extension √ P _m x h		Gravity Factor F _g		Temperature F		viation Metered Flow actor R F _{pv} (Mcfd)		w GOR (Cubic Fo Barrel)	eet/ Fluid	d ity
P _c) ² =	:	(P _w)²	= :	(OPEN FL	, ,	IVERABILITY	") CALCUL P _a - 14.4) +		:	(P _a ; (P _d ;) ² = 0.207	
(P _c) ² - (P _c) ^{or} (P _c) ² - (P _c)	·_)²	(P _e) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _d ² 2. P _d ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide		Backpre Slo As	essure Curve pe = "n" - or signed lard Slope		LOG D	Antilog	Open Flow Deliverability Equals R x Ant (Mcfd)	y
			14.10	05			-11/4			Maria 0 14		
Open Flow	-		Mcfd @ 14.			Deliveral			_ -	Mcfd @ 14.65 ps		_
	-	-	on behalf of the said report is true			-			•	ort and that he ha	as knowledge of	
							I	D e ke D	aniels ·		KÇÇ WIC	기
		Witness	(if any)						For (Company		
_		For Com	mission			-			Che	cked by	APR 17	20
											RECEI	VE

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.
and th	at the foregoing pressure information and statements contained on this application form are true and
	t to the best of my knowledge and belief based upon available production summaries and lease records
_	pment installation and/or upon type of completion or upon use being made of the gas well herein named.
	ereby request a one-year exemption from open flow testing for theCRC #1
jas we	ell 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
	$\overline{\checkmark}$ is not capable of producing at a daily rate in excess of 250 mcf/D
l fı	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissic
	s necessary to corroborate this claim for exemption from testing.
	, to consider the control of the con
John	4-16-14
Jaie	
	Signature: Whenthan
	Title: President

Instructions:

Ì

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