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

RECEIVED

Type les				•	(See IIISIII	uctions on n	everse Sid	<i>e)</i>			SEF	<b>1</b> 7 20
Open Flow Deliverabilty			Test Date: 8-5-10				API No. 15 071-20,631 - 00 - 00			KCC WICH		
Company W.R. Williams, Inc.					Lease Buehne Trust			2-30			Well Number	
County Location  Greeley 660 FSL & 2150 FWL			Section 30		TWP 19S			E/W)	Acres Attrib 640		tributed	
Field Bradshaw				Reservoir <b>Winfield</b>			Gas Gathering Connection  Duke Energy					
Completion Date 10-94			Plug Back Total Depth 2880				Packer Set at			,		
Casing S	ing Size Weight 10.5		Internal Diameter 4.052			Set at <b>2882</b>		orations 32	To 2846			
Tubing S 2.375	oing Size Weight 875 4.7		Internal Diameter 1.995			Set at 2875		orations	То		· · · · · · ·	
Type Completion (Describe) Single Gas			Type Fluid Production Water				Pump U	nit or Traveling	i / No			
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide				% Nitro			Gas Gravity - G <sub>9</sub>	
	Depth(H)				Pro	essure Taps		<del></del>			Run) (Pro	ver) Size
	Buildup:									10 at 1:45 F	-	M) (PM)
Vell on L	_ine:	Started	2	0 at		_ (AM) (PM)	Taken		20	at		
					OBSER\	/ED SURFAC	E DATA			Duration of Shu	<sub>t-in</sub> _26.7	5 Hours
Static / Dynamic Property	Orifice Size (inches)  Circle one:  Meter Meter Prover Pressure psig (Pm)  Pressure Differential in Inches H <sub>2</sub> 0		Flowing .Well Head Temperature t		re Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing ead Pressure or (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In						41.6	56	psig	polu	26.75		
Flow					FI 0W 0	FDE AM ATT	NOUTE O	<u> </u>				
					FLOW S	FREAM ATTE	4IBO1E2				1	
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient	Circle one:  Meter or  Prover Pressure psia  Press Extension  P <sub>m</sub> x h		Gravity Factor F <sub>g</sub>		Temperature Fa		viation Metered Flow actor R = (Mcfd)		w GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G <sub>m</sub>
				(007)	2000 (2000							
) <sub>c</sub> ) <sup>2</sup> =	·	(P <sub>w</sub> ) <sup>2</sup> =_	:	P <sub>d</sub> =	, ,	IVERABILITY _% (I	P <sub>c</sub> - 14.4) +		:		) <sup>2</sup> = 0.207 ) <sup>2</sup> =	, 
(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_c)^2 - (P_w)^2 $ Choose formula 1 or 2: $ (P_c)^2 - (P_w)^2 $ 2. $P_c^2 - P_a^2$ $ divided by: P_c^2 - P_w^2$		LOG of formula 1. or 2.		Backpressure Curve Slope = "n"		1		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
pen Flov	w	1	Mcfd @ 14.0	35 nsia		Deliverat	nility			Mcfd @ 14.65 ps	dia .	
The u	undersign	ed authority, on	behalf of the	Company, s		he is duly a	uthorized to	_	ne above repo	rt and that he ha	as knowled	dge of
, iaulo Sl	ialeu illefi	om, and that Sal	u report is true	and correct	. Execute	:u uno une		Olson			, 20	•
		Witness (if a	any)	****	·····	-			For C	Сотралу		

## SEP 1 7 2010

## **KCC WICHITA**

	NOC WICHTA
I declare unde	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	ler Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.
	joing pressure information and statements contained on this application form are true and
correct to the best	of my knowledge and belief based upon available production summaries and lease records
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	est a one-year exemption from open flow testing for the Buehne Trust #2-30
	ounds that said well:
(Ob sole	
(Check	is a coalbed methane producer
	is cycled on plunger lift due to water
<u></u> ]	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
<b>V</b>	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: 8-5-10	
	Signature:
	Title: President

## 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.