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

Type Test:				(	See Instru	ıctions on Re	verse Side,	)					
	n Flow rerabilty			Test Date					No. 15	_			
ompany		Inc		5-22-13		Lease Bailey		07	1-20,816 -		Well Nu	ımber	
W.R. Williams, Inc. County Location			Section		TWP	TWP R		W)	<u> </u>		Attributed		
Greeley SE/NV			W/NW/NW	18 Reservoir	•	198		40W Gas Gathering Connec			422.6	<u>i4</u>	
Bradshaw			Towan	da/Fort			Duke Energy						
Completion Date 1-7-05			Plug Bac <b>2954</b>	k Total De	epth	Packer Set at							
Casing Size Weight 4.5 10.5/11.6			Internal 6 4.052/4			Set at 2962		rations 2	To 2928		<del></del>		
bing Size	<b>)</b>	Weig		Internal Diameter		Set a	Set at 2938		rations	To			
2.375 4.7 Type Completion (Describe)			Type Flui	Type Fluid Production			Pump Unit or Traveling Plung Pump Unit			/ No			
ingle Ga oducina 1		nulus / Tubii	na)	Water % C	arbon Dio	xide		Pump % Nitrog		Gas G	ravity - (	G	
Producing Thru (Annulus / Tubing) Annulus				70 Odiboli Dioxido					.799				
ertical Dep 963	pth(H)				Pro	essure Taps				(Meter	Run) (P	rover) Size	
	uildup:	Shut in 5-2	21 ,	13 at 9	:45 AM	 (AM) (PM)	Taken_5-2	22	20	13 <sub>at</sub> 11:45	AM	(AM) (PM)	
Well on Line:		Started 20				,	,						
					OBSER	/ED SURFAC	E DATA			Duration of Shut	-in 26	Hours	
Static / Orifice Dynamic Size Property (inches)		Circle one: Pressure Meter Differential		Flowing Well Head		d Cas	Casing Weilhead Pressure		lubing ad Pressure	Duration	Liquid Produced		
		Prover Press	sure in	Temperature 1	Temperatu t	no I	P <sub>1</sub> ) or (P <sub>c</sub> )	(P <sub>*</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		(Hours)	(Barrels)		
Shut-In				-, <del></del> ,		47.0	61.4	Paid	paid	26.0	†		
Flow													
					FLOW S	TREAM ATTR	IBUTES					<del>-</del>	
Plate Coefficcient		Gircto ono: Meter or	Press Extension	Grav Fac	· I	Flowing Temperature	1	Deviation Metered Fig		v GOR (Cubic Fe		Flowing Fluid	
(F <sub>b</sub> ) (F <sub>p</sub> ) P		rover Pressure psia	✓ P <sub>m</sub> xh	F			F <sub>pv</sub> (Mcfd)		Barrel)		Gravity G <sub>m</sub>		
			-										
				(OPEN FL	OW) (DEL	IVERABILITY	) CALCUL	ATIONS		(P <sub>*</sub> )	)² ≈ 0.2	207	
)2 =	<del></del> :	(P <sub>w</sub> ) <sup>2</sup>	Choosa formula 1 or 2	P <sub>d</sub> =			P <sub>c</sub> - 14.4) +	14.4 = _	<del>:</del>	(P <sub>d</sub> )	) <sup>2</sup> =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>c</sub>		LOG of tormuta 1. or 2. and divide   p 2 . p 2		Backpressure Curve Slope = "n"		n x LOG		Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
pen Flow			Mcfd @ 14	.65 psia		Deliverat	oility			Mcfd @ 14.65 ps	ia		
The unc	dersigne	ed authority,	on behalf of the	Company, s	states that	he is duly a	uthorized to	make th	ne above repo	rt and that he ha	as knov	/ledge of	
e facts stat	ted there	ein, and that s	said report is tru	e an <b>d co</b> rrec	t. Execut	ed this the 2	3	tay of N	lay			20 13	
							Deke				KCC	WICH	
		Witness				- -			FarC	Company	MAY	WICH 28 201	
										•	RE	CEIVE	

	er 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.
correct to the bes of equipment inst	going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Bailey #1
gas well on the gr	ounds that said well:
_	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 eto supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>5-23-13</u>	<del></del>
	Signature: LiRbillians
	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 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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