KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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Type Test:				(See Instruc	tions on He	iverse Sidi	8)			
Open F				Test Date	:			AP	No. 15		
Deliver	abilty			5-23-12				07	1-20,831 -	00-00	
Company W.R. Willia	ams,	Inc.				Lease Hager					Well Number 2
County Location Greeley 495 FNL & 2310 FWL			Section 32		TWP 20S		RNG (E/W) 40W		Acres Attributed 640		
Fleid Bradshaw			Reservoir Winfield				Gas Gathering Connection Duke Energy				
Completion Date 09-03-05			Plug Back Total Depth 2825				Packer :	Set at			
Casing Size 4.5	-		Internal Diameter 4.052		Set at 2829		Perforations 2791		To 2806		
Tubing Size 2.375			Internal Diameter 1.995		Set at 2807		Perforations		То		
Type Complet Single Gas	•	escribe)			d Production			Pump U	nit or Traveling Unit	Plunger? Yes	/ No
Producing Th Annulus		nulus / Tubing)	% C	arbon Dioxi	de		% Nitrog			avity - G _p
Vertical Depth	n(H)				Pres	sure Taps				.758 (Meter	Run) (Prover) Siz
	dup:	Shut in 5-2	1 2	0 12 at 9	:15 AM	(AM) (PM)	Taken 5-	-23	20	12 at 9:15 A	M (AM) (PM)
Well on Line:										at	
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_48Ho
Static / Orifice Dynamic Size Property (inches)		Circle onc. Meter Prover Pressu palg (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Heal Temperature t				Tubing Welhead Prossure (P _u) or (P _t) or (P _t)		Duration (Hours)	Liquid Produced (Barrels)
Shut-in			,			39.6	54	ps sg	psu	48	-
Flow		<u></u>		<u> </u>							
		· · ·			FLOW STR	EAM ATTR	BUTES				
Plate Coefflecient (F _a) (F _a) Mcfd		Circle one: Meter or Prover Pressure psia Prover Pressure Prices Extension ✓ Pm x h		Gravity Factor F		Temperature Fa		viation Motered Floor actor R F _{p+} (Mctd)		GOR (Cubic Fe Barrel)	l Grannta
							<u> </u>				
P,) =	:	(P _w) ² =_	:	(OPEN FLO	OW) (DELIV) CALCUL P _c - 14.4) +		:	(P _n)	? = 0.207 ? =
$(P_{\perp})^2 \cdot (P_{\pm})^2$ or $(P_{\perp})^2 \cdot (P_{\pm})^2$	(P	',)*- (P_)*	1. P - P - LOG of formula 2. P - P - P - 1 to re and divided by P - P - 2 by		(ps.ps.	Backpressure Curve Slope = "n" - or Assigned Standard Slope		n x LOG		Antilog	Open Flow Delivorability Equals R x Antilo (Mcfd)
Open Flow		<u> </u>	Mcfd @ 14.0	65 psia		Deliverat	illity			Mcfd @ 14.65 psi	<u> </u>
								_		rt and that he ha	
e facts stated	l therei	n, and that sa	id report is true	and correct	l. Executed	this the 2	3	day of M	lay		, 20 _12
						-	D€	eke Da	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
		Witness (f	हार)						For 0	Justinia	RECEIVE
		For Commit	zim			-		<u></u>	Cha	oked by	

JUN 1 5 2012

exempt status un and that the fore correct to the bes of equipment inst	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 callation and/or upon type of completion or upon use being made of the gas well herein named. Hager #2
gas well on the g	rounds 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 mct/D te to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: <u>5-23-12</u>	
	Signature:

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.

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KCC WICHITA