KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

RECEIVED

Type Test:					(See Instructions on Reverse Side)								SEP 1 7 201	
Open Flow			Test Date:				API No. 15							
Deliverabilty			8-6-10				071-20,253-00-00			KCC WICHI				
ompany V.R. V		ıs, Ir	nc.				Lease Johns	son			3	Well N	lumber	
County Location Greeley 440 FNL & 2860 FEL			Section TWP 32 17S				RNG (E/W) 40W		, 2	Acres Attributed 640				
Field Byerly				Reservoir Towanda				Gas Gathering Connection Duke Energy						
ompletic 2-81	on Date	9			Plug Bac 3031	k Total De	pth		Packer S	Set at			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
asing S	sing Size Weight			Internal I 4.052	Diameter		Set at 3031		rations	To 298 4	4			
Tubing Size Weight 2.375 4.7				Internal I 1.995	Diameter		Set at 3000		rations	То				
Type Completion (Describe) Single Gas			Type Fluid Production Water			.,.	Pump Unit or Traveling Plunger? Pump Unit			s / No				
	g Thru	(Annu	ılus / Tubing)		% C	% Carbon Dioxide				•			G _g	
ertical D)				Pre	ssure Taps						Prover) Size	
ressure	Buildup	o: SI	hut in 8-5	2	10 at 1	0:45 AM	(AM) (PM)	Taken_8	-6	20	10 _{at} 10:40) AM	(AM) (PM)	
/ell on L	ine:	St	tarted	2	0 at		_ (AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERV	ED SURFAC	E DATA		· · · · · · ·	Duration of Shu	24	.92 Hours	
Static / ynamic roperty	Orific Size (inche	P	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P _w) or (sing I Pressure P _t) or (P _c)	Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		uid Produced (Barrels)	
Shut-In			paig (i iii)	menes 11 ₂ 0			35.6	psia 50	psig	psia	24.92	+		
Flow														
						FLOW ST	REAM ATT	RIBUTES	· · · · · · · · · · · · · · · · · · ·					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Grav Fact F _g	tor	Flowing Temperature Factor F _{ft}	Fa	riation actor = pv	Metered Flov R (Mcfd)	v GOF (Cubic I Barre	Feet/	Flowing Fluid Gravity G _m	
c) ² =		:	(P _w) ² =		(OPEN FLO	, ,	/ERABILITY	/) CALCUL P _c - 14.4) +		;		$(a_{\rm a})^2 = 0.2$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² 1		ose formula 1 or 2: 1. $P_c^2 - P_a^2$ LOG of formula 2. $P_c^2 - P_d^2$ and divide by: $P_c^2 - P_w^2$		Back		essure Curve ppe = "n" - or ssigned dard Slope	n x 106		Antilog	O De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
oen Flov	N			Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.65 p	sia		
	-		-				•				rt and that he h		•	
facts st	ated th	erein,	and that said	report is true	and correct	t. Executed	this the 6			August		,	20 10	
								Dave 	Olson					
			Witness (if ar	ny)			-			For C	Company			

SEP 1 7 2010

KCC WICHITA

and that the foregoing pressure information and statements contained on this application form are true an correct to the best of my knowledge and belief based upon available production summaries and lease record of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the		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.
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the	and that the fore	going pressure information and statements contained on this application form are true and
gas well 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. ✓ is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commiss staff as necessary to corroborate this claim for exemption from testing. Date: 8-6-10	correct to the be	st of my knowledge and belief based upon available production summaries and lease records
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	_	
Signature:	Date: 8-6-10	·
Signature:		
Signature:		
Signature:		(Circular to the first to the
<u> </u>		-
Title: President		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.