KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	l:				((See Instruct	tions on Re	everse Side	9)					
Op	en Flov	N			Test Date	۵.			ADI	No. 15				
Deliverabilty					5-22-12				API No. 15 071-20,113 - 00 - 00					
Company W.R. W		ıs,	Inc.				Lease CRC	•			1	Well N	lumber	
County Greeley			Location C/SE/SE		Section 18		TWP 17S		RNG (E/W) 40W			Acres Attributed 640		
Field Byerly					r nda	a		Gas Gathering Connection Duke Energy		nection				
Completion Date 05-76					Plug Bac 3013	Plug Back Total Depth 3013			Packer S	et at				
Casing Size 4.5			Weigh 9.5	nt	Internal 4 4.090	Diameter	meter Set at 3025		Perforations 2938		то 2981			
Tubing Size 2.375			Weigl 4.7	nt	Internal I 1.995	Diameter	Set at 2993		Perforations		То			
Type Completion (Describe) Single Gas					Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Pump Unit					
Producing Thru (Annulus / Tubing) Annulus				% (% Carbon Dioxide				% Nitrogen G			Gas Gravity - G _p		
Vertical Depth(H) 3035						Pres:	sure Taps						Prover) Size	
Pressure	Buildu	o: :	Shut in 5-2	1	20_12_at_7	:00 AM	(AM) (PM)	Taken_5-	-22	20	12 _{at} 9:0	00 AM	(AM) (PM)	
Well on L	ine:		Started	:	20 at		(AM) (PM)	Taken		20) at		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA	,		Duration of	Shut-in 26) Hours	
Static / Dynamic Property	mic Size		Circle enc. Meter Prover Press psig (Pm)	Prossure Differential ure in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature 1	Wellhead Pressu (P_) or (P,) or (F		Tubing Wethead Pressure (P _w) or (P _t) or (P _c) pag (psi		Duration (Hours)		Liquid Produced (Barrela)	
Shut-In							70.6	85	j.v.g	į įsu	26			
Flow														
			·	· · · · · · · · · · · · · · · · · · ·		FLOW STR	EAM ATTR	RIBUTES						
Plate Coefficient (F _e) (F _p) Mcfd		Cercic one Moter or Prover Pressure psla		Press Extension P _m x h	Grav Fac	tor	Flowing Temperature Factor F ₁₁		eation ector	Metered Flor R (Mctd)	(Cul	GOR bic Feel/ arrel)	Flowing Fluid Gravity G _m	
l <u>-</u> ,,	l.													
(P _e) ² =		. :	(P _w)² =	:	(OPEN FL	OW) (DELIV		/) CALCUL P _e - 14.4) +		:		$(P_{n})^{2} = 0.$ $(P_{d})^{2} = _{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_$	207	
(P ₁) ² - (P ₂) ² or (P ₁) ² - (P ₁) ²		(P ₁) ² -(P ₂) ²		Chacce formula 1 or. 1. P _c ² · P _s ² 2. P _c ² · P _s ² excised by: P _c ² · P _s	LOG of formula 1 or 2. and divide	Stope o prpr Assi		essure Curve pe = "n" or usigned tand Slope	nxL	.og :	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mctd)	
Open Flor	*		<u> </u>	Mcfd @ 14	.65 psia		Deliverat	odity			Mcfd @ 14.6	5 psia		
				n behalf of the								e has knov		
					•••••					Daniels			~v	
	•		Witness (t any)			-	·			Company			
			For Comm	ricaton	·		-		<u></u>	Cho	cked by		RECEIVE	

JUN 1 5 2012

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.
and that the foregoing 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 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
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 Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 5-23-12
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.

RECEIVED
JUN 1 5 2012
KCC WICHITA