KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				((See Instruc	ctions on Re	everse Sid	e)				
Op	en Flow	,			Took Dok				ADI	No. 15			
Deliverabilty					Test Date: 5-22-13				API No. 15 071-20,026 <i>0000</i>				
Company W.R. V		s, Inc.		· · · · · · · · · · · · · · · · · · ·	<u> </u>		Lease Koch			· · · ·		Well Number	
County Greele :	у		Location C SW		Section 7		TWP 19S		RNG (E/W) 40W		Acres Attributed 640		
^{Field} Bradsh	aw				Reservoir Winfield				Gas Gathering Con Duke Energy		ection		
Completion 21-7		'				Plug Back Total Dept 2933		th		et at			
Casing Size 4.5		Weight 9.5			Internal Diameter 4.090		Set at 2943		Perforations 2896		то 2927		
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 2932		Perforations		То		
Type Cor Single ((Describe))escribe)			Type Fluid Productio Water		iŲ		Pump Unit or Traveling P Pump Unit		Plunger? Yes / No	
Producing Thru (Annulus / Tubing) Annulus			bing)		% Carbon Dioxid			% Nitrogen			Gas Gravity - G ₉ .797		
Vertical E	_			MAN IN N. D. LANDERS		Pres	ssure Taps		M. a. (1997) - P. (1994) Fab. 78 Schooling St. Phys.			Run) (Prover) Size	
	Buildup	: Shut in	5-21		13 _{at} 1	0:00 AM	(AM) (PM)	Taken_5	-22	20	13 at 12:15	PM (AM) (PM)	
Well on Line:		Started _			20 at		(AM) (PM)	Taken	·	20	at	(AM) (PM)	
						OBSERVE	ED SURFAC	E DATA			Duration of Shut-	-in 26.25 Hours	
Static / Orifice ynamic Size roperty (inches)		Mete Prover Pr	Circle one: Meter Prover Pressure psig (Pm)		Flowing Well Head Temperature t t		Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			,	Inches H ₂ 0			85.0	99.4	psig	psia	26.25		
Flow													
						FLOW ST	REAM ATTR	IBUTES		· • · · · · · · · · · · · · · · · · · ·			
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressu psia	Meter or Prover Pressure		Grav Fac F _c	tor	Temperature		eviation Metered Flo Factor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)	Gravity	
P _c) ² =		: (P _w) ² =	<u> </u>	(OPEN FL	, ,	/ERABILITY % (f	•	.ATIONS - 14.4 =	:	(P _a)	² = 0.207 ² =	
(P _c) ² - (F or (P _c) ² - (F	i i	(P _c)²- (P _w)²		ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:		Backpre Slo 	ssure Curve pe = "n" - or - · · · · · · signed lard Slope	nxi	Γ 7	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	w			Mcfd @ 14.6	5 psia		Deliverat	oility			Mcfd @ 14.65 psi	а	
											ort and that he ha		
e facts si	tated the	erein, and tha	t said	report is true	and correct	t. Executed	I this the 2				K	CC WICHI	
		Witne	ss (if an	y)	*****		-	реке	Danie		Omnony	MAY 2 8 2013	
		For C	ommissio	on		· · · · · ·	_			Che	cked by		
												RECEIVED	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.
and that the foreg correct to the best of equipment insta I hereby requa	oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records llation 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 Koch #1 bunds 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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	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.

MAY 2 8 2013