KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See Inst	ruci	tions on Re	verse Side	?)						
= :	en Flow					Test Date	э :					l No. 15					
<u> </u>	liverabil	ty				4-4-14						1-20,222	0000				
Company V.R. W		s, I	nc.		. <u> </u>				Lease Vogt					1	Well N	umber	
County Greeley			Loca C NV				TWP 19S			RNG (E/W) 40W			Acres Attributed		Attributed		
Field Bradshaw					Reservoir Towan					Gas Gathering Connection Duke Energy			_				
Completion Date 03-81				Plug Bac 2934	k Total I	Dept	h	Packer Set at			-	•					
Casing Size Weig 4.5 10.5						Internal I 4.052	Internal Diameter 4.052			Set at 2945		Perforations 2854		то 2872			
Tubing Size Weig 2.375 4.7				ht		Internal I	Internal Diameter 1.995		Set at 2869		Perfo	orations	То				
Type Completion (Describe) Single Gas				Type Fluid Production Water				Pump Unit or Traveling Plum NO				Yes	/ No				
Producing Thru (Annulus / Tubing) Tubing				,% C	arbon D	ioxi	de	% Nitrogen			Gas Gravity - G _e						
Vertical D 2945	epth(H)	1					F	res	sure Taps						Run) (F	Prover) Size	
Pressure	Buildup	: {	Shut in	1	2	0_14_at_0)8:20 A	M	(AM) (PM)	Taken_4-	4		14 at (08:20	AM	(AM) (PM)	
Well on Line:		5	Started		2	D at	at		(AM) (PM) Taken		20		at		(AM) (PM)		
							OBSE	3VE	D SURFAC	E DATA			Duration	of Shut	-in_72	Hou	
Static / Dynamic Property	mic Size		Circle one: Meter Prover Pressu		Pressure Differential in	ifferential Flowing		Well Head Temperature		Casing Wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		"	psig (Pm)	Inches H ₂ 0	· <u> </u>	<u> </u>		psig 96.6	psia 111	psig 96.6	psia 111	72		+		
Flow							_		-						†		
							FLOW :	STR	EAM ATTR	IBUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle ano: Meter or Prover Pressure psia			Extension F		ovity Te		Flowing emperature Factor F _I	Fa	iation etor - pv	or R		w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
						(0000)											
P _c) ² =		:	(P _w) ²	=	:	(OPEN FLO	UW) (DE		ERABILITY % (F) CALCUL ² 14.4) +		:		(P _a) (P _d)) ² = 0.2) ² =		
$(P_o)^2 - (P_o)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		:	cse formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ ted by: $P_c^2 - P_a^2$	LOG of formula 1. or 2, and divide by:		or-		pe ≓ "ñ" - or signed	пх	roe	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
										_					<u> </u>		
Open Flow	<i>N</i>				Mcfd @ 14.0	65 psia			Deliverab	ility			Mcfd @ 14	4.65 psi	ia		
The u	ındərsig	ned	authority,	on b	ehalf of the	Company, s	states tha	at he	e is duly au			he above repo	ort and tha	it he ha	as knov	vledge of	
e facts st	tated the	ereir	n, and that	said	report is true	and correc	t. Execu	ited	this the 16	6	day of A	pril			ı	20 14	
				***				_		De	eke Da	niels		K	<u>CC'</u>	WICH	
_			Witness	(if an)	y)							Fort	Company				
			For Com	missio	חכ	, .		_	-			Che	cked by	<i>F</i>		1 7 201 4	
															RE	CEIVE	

	us under Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.
	as under hule K.A.h. 62-3-304 on behall of the operator
	foregoing pressure information and statements contained on this application form are true and
correct to the	e best of my knowledge and belief based upon available production summaries and lease records
of equipmen	nt installation and/or upon type of completion or upon use being made of the gas well herein named.
l hereby	request a one-year exemption from open flow testing for the Vogt #1
gas well on t	the grounds that said well:
4	Chark and
(4	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 nece	essary to corroborate this claim for exemption from testing.
Date: 4-16-	14
	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.

APR 17 2014

RECEIVED