## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:			(	See Instruc	tions on Re	verse Side	e)			
	en Flow			Test Date	ə:				No. 15		
Del	liverabilty			5-22-13					-20,186	0000	PP VINE TARRESTANCE
Company W.R. W	/illiams	, Inc.				<sub>Lease</sub> Little				1	Well Number
County Location Greeley C SW NW				Section 30		TWP 19S			<b>N</b> )		Acres Attributed 320
Field Bradshaw			Reservoir <b>Winfield</b>				Gas Gath Duke E	ering Conne E <b>nergy</b>	ection		
Completion Date 08-80			Plug Bac <b>2895</b>	k Total Dept	th	ו F		et at			
Casing Size Weight 4.5 10.5			ht	Internal Diameter 4.052		Set at <b>2942</b>		Perforations 2844		то <b>285</b> 0	
ubing Siz 2.375	ze	Weight 4.7		Internal Diameter 1.995		Set at <b>2858</b>		Perforations		То	
Type Completion (Describe) Single Gas			Type Fluid Production Water				Pump Unit or Traveling Pump Unit		Plunger? Yes / No		
Producing Thru (Annulus / Tubing) Annulus			ng)	% Carbon Dioxide				% Nitrogen			ravity - G <sub>g</sub>
Vertical Depth(H) 2924			Pressure Taps			(Meter Run) (Prover) Size					
Pressure I	Buildup:	Shut in5-2	21 2	13 at 0	7:45 AM	(AM) (PM)	Taken 5	-22	20	13 <sub>at</sub> 08:45	AM (AM) (PM)
		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration of Shut	-in 25 Hours
Static / Dynamic Property	Orifice Size (inches)	Circle one:  Meter  Prover Press psig (Pm)		Temperature Tempe	Well Head Temperature t	Wellhead (P <sub>w</sub> ) or (F	sing Pressure P <sub>t</sub> ) or (P <sub>c</sub> )	Weilhea (P <sub>w</sub> ) or	bing d Pressure (P <sub>1</sub> ) or (P <sub>2</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			2			40.0	54.4	psig	psia	25	
Flow											
					FLOW STR	EAM ATTR	BUTES				
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension ✓ P <sub>m</sub> xh	Grav Fact F <sub>g</sub>	tor	Flowing Temperature Factor F <sub>11</sub>		riation actor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid
			<u> </u>	(OPEN FLO	OW) (DELIV	ERABILITY	) CALCUL	ATIONS	<del>-1</del>	(P)	) <sup>2</sup> = 0.207
P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =	·		9	% (F	P <sub>c</sub> - 14.4) +	- 14.4 =	:		) <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>c</sub> ) <sup>2</sup> - (P <sub>c</sub> ) <sup>2</sup> - (P <sub>c</sub> ) <sup>2</sup>	-	$(P_c)^2 - (P_w)^2$ Choase formula 1 or 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$		LOG of formula 1. or 2. and divide D 2 D 2		Backpressure Curve Slope = "rı" or Assigned Standard Slope		n v l í	og [	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow	v		Mcfd @ 14.	65 psia		Deliverat	nility			Vicfd @ 14.65 ps	ia i
·· · · · · · · · · · · · · · · · · · ·		ed authority, o			tates that he		-	o make the		t and that he ha	
			aid report is true								CCWICH
	***************************************	Witness (i	if any)	THE NAME OF THE PARTY OF		-	Del	ke Dani		ompany	MAY 2 8 201
		For Comm	nission			-	-verv-up on	····	Check	ked by	- • •
									Check		RECEIVE

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc.									
and tha	t the foregoing pressure information and statements contained on this application form are true and									
	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 Little #1										
	If 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										
l fu	rther 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: _	j-23-13									
	Signature: LR William									
	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.

MAY 28 2013

RECEIVED