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

Type Tes	t:		<b>U.I.</b>	· • •	(	See Instruct	tions on Re	verse Side	)	-110712111				
Open Flow Deliverability					Test Date: 07/07/14			API No. 15 15-075-20251 <i> 0000</i>						
Company C & R Petroleum Co.				0770771	<u>*</u>	Lease Frost	<u> </u>		,	#*		Number		
County Location				Section 18		TWP RNO		RNG (E	w)		Acr	S Attributed		
Field			SE/4 SE		Reservoir		G			Gas Gathering Connection		640		
Bradshaw Completion Date			-	-	Chase Plug Back Total Depth		 th		Oneok Packer Set at					
08/26/1978 Casing Size			Weight		2784'		Set at		N/A Perforations		To			
4 1/2"			9.5 #		4.090		2785'		2754'		27	'69 <b>'</b>	<u> </u>	
Tubing S 2 3/8"	lze		Weight 4.7#		Internal Diameter 1.995		Set at 2779'		Perforations -		To	1		
	Type Completion (Descrit Single Gas			•	Type Flui Water	d Production	n	Pump Unit or Travelin Pump Unit		Plunger?	Yes / I	νo		
	Producing Thru (Annulus / Tu						de		% Nitrog	en	Gas Gravity - G		y - G <sub>g</sub>	
	Annulus Vertical Depth(H)			Unknown Pressure Taps					Unkno	wn		40 eter Run	) (Prover) Size	
2784'						Flan					2'		- <u> </u>	
Pressure Buildup:		p:	Shut in <u>07/0</u>	2	0_14_at_1	:30	(AM) (PM)	Taken 07	7/07	20	14 at 2.:	15	_##)(FM)	
Well on L	.ine:	_	Started	s	0 at		(ÁM) (PM)	Taken		20	at		(AM) (PM)	
			· · · · · · · · · · · · · · · · · · ·	-		OBSERVE	D SURFAC				Duration of	Shut-in_	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Pressure Meter Differentia Prover Pressure In psig (Pm) Inches H,		Flowing Well Head Temperature t		1 Wellhead Proceure		Tubing Weilhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		iquid Produced (Barrels)	
Shut-In	hut-In						115	129.65	parg	psia	72			
Flow	_			<u> </u>										
DI-1-			Circle one:			FLOW STR		IIBUTES_		<del></del> -	1			
Plate Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Meter or Prover Pressure psla		Press Extension P <sub>m</sub> xh	Grav Fac F,	tor	Temperatura I		viation Metered Flor factor R F <sub>pv</sub> (Mcfd)		w GOR (Cubic Fe Baπel)		Flowing Fluid Gravity G <sub>m</sub>	
		_			400000								_	
(P <sub>o</sub> )² =		_:	(P)² =_	:	(OPEN FLO	OW) (DELIV		') CALCUL P <sub>o</sub> - 14.4) +		:		$(P_a)^2 = (P_d)^2 = $		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		thoose formula 1 or 2 1. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$ livided by: $P_c^2 - P_d^2$	LOG of formula 1, or 2, and divide	P.2. P.2	Backpressur Slope = or- Assign Standard			roe	Antiloġ	E	Open Flow Deliverability Equals A x Antilog (Mcfd)	
	-												<u> </u>	
Open Flow Mcfd			Mcfd @ 14.	65 psia		Deliverability		'	Mcfd @ 14.65 psia					
			d authority, on		and correc	t. Executed Re	this the 1	Oth		e above repo	rt and that	ne has k	nowledge of , 20 <u>14</u>	
			Witness (if	any)	K	ANSAS CORPO			Covington	owner C& R I	company Petroleum Co			
<u> </u>			Fer Commis	sion	<u></u>	SEP	15 20	14	-21-281011	Chec	ked by	•	<del>-</del>	

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 C & R Petroleum Co.
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 Frost  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: _09/10/2014
Received KANSAS CORPORATION COMMISSION  SEP 1 5 2014  CONSERVATION DIVISION WICHITA, KS  Signature:  Curtis F. Covington, owner C&R Petroleum Co.

## 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.

## STATE TEST 2014

**OPERATOR:** C & R PETROLEUM

WELL: FROST #1

**LOCATION:** 18-21-41

**COUNTY: HAMILTON** 

SHUT IN: 07/04/14

**TIME:** 1:30 P.M.

**SHUT IN TAKEN: 07/07/14** 

**TIME:** 2:15 P.M.

PRESSURE: 115#

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SEP 15 2014

CONSERVATION DIVISION WICHITA, KS