RECEIVED

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

	: en Flov liverab		ASI			Test Date	»:	ructio	ns on Re	everse Sid	A	PI No. 15					
Company	,		rach			5/9/2013	3		Lease		O	23-2042	9-01-0	)()	2-15H	Well No	umber
•				Section						(E/W) Acres Attributed							
Field					15 3S  Reservoir Nichrara				Gas Gathering Connection Branch Systems Inc.					80			
	Completion Date P					Plug Back Total Depth				Packer Set at							
Casing Size Weight I				Internal E	Internal Diameter Set a 6.456 157								To 2803'MD				
										forations			То		-		
Type Com Single (							Type Fluid Production Pump Unit or Tra Dry Gas Pumping Un										
Producing Annulus		(Anı	nulus / Tubir	ng)		% C	% Carbon Dioxide % Nitrog					ogen			Gas Gr .6	avity -	G <sub>g</sub>
Vertical D 1579'	epth(H	I)					Pressure Taps Flange								(Meter 2"	Run) (P	rover) Size
Pressure					13 at 10:55 (AM) (PM) Taken								at 11:05	(	(AM)(PM)		
Well on Li	ine:		Started 5-9	)	2	0 <u>13</u> at <u>1</u>	13 at 11:05 (PM) Taken 5-10						20	<u>13</u>	at 11:55	(	(AM)(PM)
					1		OBSEF	RVED	SURFAC		т			Durat	tion of Shut-	<sub>in</sub> 24	Hours
Static / Dynamic <sup>*</sup> Property	Static / Orlfice   Meter   Differential   ynamic   Size   Prover Pressure   in			Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		(P <sub>w</sub>	Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Liquid Produced (Barrels)			
Shut-In		·							69	83.4							
Flow									60	74.4				24		0	
			_	$\overline{}$			FLOW S	STRE	AM ATTR	RIBUTES				-			
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure  psia		Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Ter	Flowing mperature Factor F <sub>ft</sub>	F	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)		y GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
			•									2	_				
						(OPEN FLO				•		3				<sup>2</sup> = 0.2	207
(P <sub>c</sub> )² =	Τ	<u>-:</u>	(P <sub>w</sub> ) <sup>2</sup> :		ose formula 1 or 2:	$P_d =$		<u>_</u> % ¬ T		P <sub>c</sub> - 14.4) -	- 1		_: 		(P <sub>d</sub> )		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide by:	formula 1. or 2. and divide p2_p2		Backpressure Curve Slope = "n" Assigned Standard Slope			n x LOG			Antilog	De	pen Flow liverability s R x Antilog (Mcfd)		
Open Flov	<u>v</u>	_			Mcfd @ 14.	65 psia			Deliverat	oility				Mcfd	@ 14.65 ps	ia	
		-	•		ehalf of the	• •			•			the abov	-	rt and	I that he ha		rledge of 20 13 .
12013 31	aisu ii	.0161				, and correct	. LAGGU	u II	uie <u></u>		200	uni	Ш	1	naet	-Si M	
			Witness	(if any	y)					7	•		For C	Company	,	KÇ(	WICH
			For Com	missio	on				-				Chec	ked by		DEC	2 6 201

	der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	going pressure information and statements contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
• •	allation 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 Bucholtz 2-15H
	rounds that said well:
(Checi	cone)
	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
<b>✓</b>	is not capable of producing at a daily rate in excess of 250 mcf/D
_	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 11/21/13	
	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.

KCC WICHITA

DEC 26 2013

W344
Bucholtz 02-15H
St. Francis
St. Francis
Pumping Unit/Gas
May-13

	Casing			HRS	REMARKS
DATE	PSI	STATIC N	/ICF	DOWN	(Maximum length 110 characters)
5/1/2013	51	64	1		
5/2/2013	58	71	1		
5/3/2013	48	61	3		
5/4/2013	43	56	2		
5/5/2013	46	59	2		
5/6/2013	44	57	2		
5/7/2013	44	57	2		
5/8/2013	61	74	2		si for state test - cp 62
5/9/2013	38	51	0	24	reopened - cp 69
5/10/2013	60	73	2		
5/11/2013	58	71	2		
5/12/2013	56	69	2		
5/13/2013	57	70	2		
5/14/2013	60	73	2		
5/15/2013	100	113	2	2.5	
5/16/2013	67	80	0		
5/17/2013	56	69	0		
5/18/2013	49	62	2		
5/19/2013	60	73	2		
5/20/2013	55	68	2		
5/21/2013	36	49	2		
5/22/2013	50	63	2	14	
5/23/2013	165	178	0	10	
5/24/2013	102	115	0	4	
5/25/2013	92	105	0		
5/26/2013	84	97	0		
5/27/2013	80	93	1		
5/28/2013	77	90	1		
5/29/2013	61	74	4		
5/30/2013	54	67	2		
5/31/2013	52	65	2		

Total 47

W344
Bucholtz 02-15H
St. Francis
St. Francis
Pumping Unit/Gas
June-13

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
6/1/2013	40	53		3		
6/2/2013	45			3		
6/3/2013	42	55		3		
6/4/2013	41	54		2		
6/5/2013	55	68		2		
6/6/2013	62	75		2		
6/7/2013	42	55		2		
6/8/2013	42	55		2		
6/9/2013	43	56		2		
6/10/2013	42	55		2	2	
6/11/2013	71	84		0	1	
6/12/2013	73	86		0		
6/13/2013	50	63		3		
6/14/2013	51	64		3		
6/15/2013	53	66		3		
6/16/2013	54	67		3		
6/17/2013	50	63		2		
6/18/2013	41	54		2		
6/19/2013	38	51		4		
6/20/2013	40	53		1		calibrated meter
6/21/2013	46	59		2		
6/22/2013	62	75		2		
6/23/2013	74	87		2		
6/24/2013	73	86		1		
6/25/2013	76	89		1		
6/26/2013	73	86		1		
6/27/2013	61	74		1		
6/28/2013	46	59		4		
6/29/2013	47	60		4		
6/30/2013	46	59		4		
7/1/2013						

Total 66

W344
Bucholtz 02-15H
St. Francis
St. Francis
Pumping Unit/Gas
July-13

	Casing			HRS	;	REMARKS
DATE	PSI	STATIC	MCF	DO	VN	(Maximum length 110 characters)
7/1/2013	47	60		2		-
7/2/2013	47	60		2		
7/3/2013	49	62		2		
7/4/2013	47	60		2		
7/5/2013	47	60		2		
7/6/2013	47	60		2		
7/7/2013	59	72		2		
7/8/2013	59	72		2		
7/9/2013	61	74		2		
7/10/2013	57	70		3		
7/11/2013	57	70		2		
7/12/2013	64	77		2		
7/13/2013	71	82		1	2.5	
7/14/2013	72	85		1		
7/15/2013	52	65		1		
7/16/2013	50	63		3		
7/17/2013	52	65		2		
7/18/2013	65	78		2		
7/19/2013	71	84		2		
7/20/2013	66	79		1		
7/21/2013	. 65	78		1		
7/22/2013	68	81		2		
7/23/2013	57	70		2		
7/24/2013	65	78		2		
7/25/2013	71	84		1		
7/26/2013	58	71		1		
7/27/2013	48	60		1		
7/28/2013	48	61		1		
7/29/2013	50	63		1		
7/30/2013	48	61		2	3.5	
7/31/2013	85	98		1	5.5	

Total 53