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

Type Test						(	See Instru	ctions on F	Rever	rse Side,	)						
□ Op	en Flo	w 🔀	ISI									N					
De	liverab	ilty				Test Date 7/9/2015						No. 15 3-20613-00 <b>€</b>	0				
Company		sourc	es. Inc.			77372010		Lease Willar	d		020		1-2		II Number	r	
County Location Cheyenne NW NE/4						Section 26		TWP 3S			RNG (E 41W	(W)	<u> </u>	Acr	es Attribu	uted	
Field Cherry Creek						Reservoir Niobrara					Gas Gathering Connection Branch Systems Inc.						
Completic 5/27/200		е			<u> </u>	Plug Bac 1506'	k Total De	pth			Packer \$	Set at					
Casing S 4 1/2"	ize		Wei 10.	_		Internal Diameter Set at 4.052 1506'					Perfo	rations 4'	 28'				
Tubing Si	ize		Wei	ght		Internal D	Diameter	Set	t at		Perfo	rations	То				
Type Con						Type Fluid	d Productions	on				nit or Traveling	Plunger? (	Yes /	No		
Producing	g Thru			ing)			arbon Dio	xide			% Nitrog	<del></del>	Ga .6	s Gravi	y - G <sub>g</sub>		
Vertical D		1)					Pre Flar	ssure Taps							n) (Prover)	) Size	
Pressure	Buildu	p: Sh	nut in _7	-7	2	0 15 at 8:		<del></del>	۸) Ta	7-	10				((AM)	 (РМ)	
	Well on Line: Started 7-10				<del></del> +									_@M	(PM)		
							OBSERV	ED SURFA	CE	DATA		<del></del> _	Duration of S	Shut-in_	24	_Hours	
Static / Dynamic Property	Static / Orifice Meter Difference Pressure in		Pressure Differential In	- I Elewing   Well Head			Casing Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_2)$			Tubing and Pressure $(P_i)$ or $(P_c)$	Duration (Hours)	Duration		duced s)			
Shut-In	(mont	-	psig (Pr	n)	Inches H <sub>2</sub> 0	•		psig 173	1:	<sup>psla</sup> 87.4	psig	psta		_			
Flow					<u>'</u>			57	7	1.4			24				
							FLOW ST	REAM ATT	rRIB	UTES							
Plate Coeffied (F <sub>b</sub> ) (F	ient	M Prove	rcle one: leter or er Pressure psia	,	Press Extension	Grav Fact	tor	Flowing Temperature Factor	Э		ation etor	Metered Flov R (Mcfd)	(Cub	GOR nic Feet/ arrel)	F Gr	owing Fluid ravity G <sub>m</sub>	
			<u>.                                      </u>		<u></u> _				$\dashv$			40					
<b>(5.)</b>			·			(OPEN FLO			•			·		(P <sub>a</sub> ) <sup>2</sup> =	0.207		
(P <sub>c</sub> ) <sup>2</sup> =	<del></del> -	<u>-:</u>	(P <sub>w</sub> )	_	ose formula 1 or 2	P <sub>d</sub> = .	= =			14.4) +	14.4 =	;		$(P_d)^2 =$			
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P <sub>e</sub> )	²- (P <sub>w</sub> )²		1. P <sub>a</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> led by: P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>	LOG of formula 1, or 2, and divide	P.2-P.2		ilope = or Assigr		n x	rog	Antilog	E	Open Fl Deliverab quals R x (Mcfd)	oility Antilog	
_					W		· _ <del></del>			•							
									_								
Open Flor	w				Mcfd @ 14.	65 psia		Deliver	ability	у			Mcfd @ 14.6	5 psia			
		_	•					•				re above repo recember	ort and that h	e has k	_		
ine tacts s	iated th	nerein,	and that	said	report is true	and correct	T. Execute	a this the _	ر د د		ay of	ecember	-u/ni	1,	_ , <sub>20</sub> <u>1</u> > د د د	<u>-</u> .	
			Witnes	s (if any	<u>-</u> -	K	ADD O	7 2016	<u>" ج</u> ر	>_	M	For	ZUWU Company	u L	<i>y</i>		
			For Co	mmissio	on							Che	cked by				
							REC	CEIVED	)								

exempt status under and that the foregoin correct to the best of of equipment installations.	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.  In pressure information and statements contained on this application form are true and find my knowledge and belief based upon available production summaries and lease records ation and/or upon type of completion or upon use being made of the gas well herein named. It is a one-year exemption from open flow testing for the Willard 1-26 and that said well:
is i	s a coalbed methane producer s cycled on plunger lift due to water s a source of natural gas for injection into an oil reservoir undergoing ER s on vacuum at the present time; KCC approval Docket No s not capable of producing at a daily rate in excess of 250 mcf/D o supply to the best of my ability any and all supporting documents deemed by Commission of corroborate this claim for exemption from testing.
Date: 12/18/15	
KCC WI APR 0 7	7 2016 Signature: Sanul Marting Title: Production Assistant CEIVED

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.

W378 W0lard|01-26

St. Francis St. Francis None July-15

Total

	Tubing	Casing						HRS	1	Vater	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CY	CLE	DOWN	E	BBLS	(Maximum length 110 characters
7/1/2015		52	2 60	5	40	6	12		0	19	· <u></u>
7/2/2015		52	2 66	5	40	6	12		0	19	
7/3/2015		52	2 66	5	40	6	12		0	19	
7/4/2015		52	2 66	i .	40	6	12		0	19	
7/5/2015		52	2 66	5	40	6	12		0	19	
7/6/2015		5!	73	3	38	6	12		2	19	
7/7/2015		51	65	5	39	6	12		0	19	
7/8/2015		51	l 64	ļ	38	6	12	]	16	19	turn off p u
7/9/2015		90	79	)	2	6	12	2	24	0	
7/10/2015		173	3 134	ļ	0	6	12	1	4	0	
7/11/2015		98	3 116	5	30	6	12		0	0	
7/12/2015		76	5 98	3	50	6	12		0	0	Turned PU back on
7/13/2015		58	84	ļ	45	6	12		0	19	
7/14/2015		52	2 68	3	42	6	12		0	19	
7/15/2015		52	2 65	5	42	6	12		0	19	
7/16/2015		52		5	41	6	12		0	19	
7/17/2015		52		ţ	41	6	12		0	19	
7/18/2015		51	l 64	1	41	6	12		0	19	
7/19/2015		51	l 64	ļ	41	6	12		0	19	
7/20/2015		5	l 63	3	41	6	12		0	19	
7/21/2015		5	1 74	1	38	6	12		2	19	
7/22/2015		50	) 64	1	40	6	12		0	19	
7/23/2015		50	) 63	3	39	6	12		0	19	
7/24/2015		50	63	3	39	6	12		0	19	
7/25/2015		50	) 63	3	39	6	12		0	19	
7/26/2015		50	) 63	3	39	6	12		0	19	
7/27/2015		49	9 62	2	39	6	12		0	19	
7/28/2015		49	9 62	2	39	6	12		0	19	
7/29/2015		49	9 62	2	40	6	12		0	19	
7/30/2015		49			40	6	12		0	19	
7/31/2015		49			40	6	12		0	19	

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W378 Willard 01-26

St. Francis St. Francis None August-15

	Tubing	Casing						HRS	Water		REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM		CYCLE	DOWN	BBLS	l	(Maximum length 110 characters)
8/1/2015		5	0 6.	3	40	6	1:	2	0	19	
8/2/2015		5	0 6.	3	40	6	10	2	0	19	
8/3/2015		5	1 64	<b>\$</b>	40	6	13	2	0	19	
8/4/2015		5	0 63	3	40	6	13	2	0	19	
8/5/2015		4	9 62	2	40	6	13	<u>)</u>	0	19	
8/6/2015		4	9 62	2	40	6	1:	2	0	19	
8/7/2015		5	0 6:	3	40	6	13	2	0	19	
8/8/2015		5	2 6:	5	40	6	13	2	0	19	
8/9/2015		5	3 6	5	40	6	13	2	0	19	
8/10/2015		5	6 6	•	40	6	13	2	0	19	
8/11/2015		5	6 6	)	40	6	10	2	0	19	
8/12/2015		5	66 69	9	40	6	1	2	0	19	
8/13/2015		5	7 70	)	40	6	13	2	0	19	
8/14/2015		5	7 70	)	40	6	10	2	0	19	
8/15/2015		5	7 7	)	39	6	1:	2	0	19	
8/16/2015		5	8 7	1	39	6	13	2	0	19	
8/17/2015		5	7 7	)	40	6	1:	2	0	19	
8/18/2015		5	7 7	0	39	6	1	2	0	19	
8/19/2015		5	8 7	1	39	6	ľ	2	0	19	
8/20/2015		5	7 7	0	39	6	1	2	0	19	
8/21/2015		5	70	0	39	6	1	2	0	19	
8/22/2015		5	7 7	9	39	6	l.	2	0	19	
8/23/2015		5	8 7	l	39	6	1:	2	0	19	
8/24/2015		5	70	)	39	6	1	2	0	19	
8/25/2015		5	8 7	1	39	6	1	2	0	19	
8/26/2015			7 7	C	39	6			0	19	
8/27/2015		5	5 6	8	40	6			0	19	
8/28/2015		5	5 6	В	39	6	l	2	0	19	
8/29/2015		5	57 <b>7</b> 1	0	39	6	1	2	0	19	
8/30/2015		6	50 7.	3	39	6			4	19	
8/31/2015		6	52 7.	5	39	6	1	2	0	19	

Total 1225 589

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Willard 01-26

St. Francis

St. Francis

None

September-15

	Tubing	Casing					H	RS	Water	- 1	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYC	LE D	OWN	BBLS		(Maximum length 110 characters
9/1/2015	_	7	2 8:	5	36	6	12		0	20	
9/2/2015		5	3 60	ó	41	6	12		0	20	
9/3/2015		5.	3 60	5	39	6	12		0	20	
9/4/2015		5	7 70	)	39	6	12		0	20	
9/5/2015		6	2 7:	5	38	6	12		0	20	
9/6/2015		6	5 78	3	38	6	12		0	20	
9/7/2015		6	4 7	7	39	6	12		0	20	
9/8/2015		6	3 70	5	39	6	12		0	20	
9/9/2015		6	3 70	í	38	6	12		0	20	
9/10/2015		5		7	40	6	12		0	20	
9/11/2015		5	8 7	[	40	6	12		0	20	
9/12/2015		5		2	39	6	12		0	20	
9/13/2015		5			40	6	12		0	20	
9/14/2015		5		2	40	6	12		0	20	
9/15/2015		6	) 73	3	39	6	12	1	0	20	
9/16/2015		6	1 74	ļ	38	6	12		0	20	
9/17/2015		6			38	6	12		0	20	
9/18/2015		6			39	6	12		0	20	
9/19/2015		5			39	6	12		0	20	
9/20/2015		5		)	39	6	12	1	0	20	
9/21/2015		5.			38	6	12		0	20	
9/22/2015		5	72	2	36	6	12		0	20	
9/23/2015		6			35	6	12		0	20	
9/24/2015		6			35	6	12		0	20	
9/25/2015		6			35	6	12		0	20	
9/26/2015		6			35	6	12		ō	20	
9/27/2015		6			35	6	12		Ŏ	20	
9/28/2015		6			35	6	12		ŏ	20	
9/29/2015		6			35	6	12		0	20	
9/30/2015		6			35	6	12		Ö	20	
10/1/2015			) (		0	Ö	0		0	0	

Total 1132 600

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