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

Type Test	t:				(	See Instruc	ctions on Re	verse Side	e)					
□ Ор	en Flo	w E	AST		<b>.</b>					111-45				
	liverat				Test Date 6/2/201					I No. 15 1 <b>-20</b> 528-00 <b>0</b>	0			
Company		esou	rces, Inc.		0,2,20	<u> </u>	Lease Milliker	 I			21-	Well Nu	ımber	
County	n		Locati NENW		Section 18					/W)		Acres Attributed 80		
						Reservoir Niobrara				39W 80  Gas Gathering Connection Branch Systems Inc.				
Completion Date 6/7/08				Plug Bac 1264'					Set at					
			Internal D 2.441	Internal Diameter Set at 2.441 1264'				orations 4'	To 107	To 1074'				
Tubing Si	ize		Weigh	t	Internal [	Diameter	Set	at	Perfo	orations	То			
Type Con Single (					Type Flui DryGa	d Production	วก		Pump U flowin	nit or Traveling	g Plunger? Ye	es No		
Producing	Thru	(An	nulus / Tubing	j)	% C	arbon Diox	ide		% Nitrog	 jen	Gas	Gravity - 0		
Annulus	3										6			
Vertical D 1280'	epth(l	H)					ssure Taps				(Mete	er Run) (P	rover) Size	
			Chut : 6-1		15 at 5	Flar :00		<del>-</del> 6-	.2		15 <sub>at</sub> 5:20		(510)	
Pressure		•	Shut in6-2								15 <sub>at</sub> 6:00		(AM)(PM)	
Well on L	ine:		Started		0 <u> </u>		. (AM)((PM))	laken <u>-</u>		20	at		(AM)(PM)	
<del></del>	1					OBSERVE	ED SURFAC	E DATA			Duration of Sh	ut-in 24	Hours	
Static / Dynamic Property	Orif Siz (inch	e	Circle one: Meter Prover Pressu	1	Differential Flowing We Temperature Tem		Casing Wellhead Pressure (P,) or (P,) or (Po)			Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )			d Produced Barrels)	
Shut-In	••••		psig (Pm)	Inches H <sub>2</sub> 0			psig	psia 50.4	psig	psia	_			
Flow				_			16	30.4		<del>                                     </del>	24	0		
					·	FLOW STI	REAM ATTR	: RIBUTES						
Plate Coefficci (F <sub>b</sub> ) (F Mcfd	ient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension	Grav Fact	tor	Flowing Temperature Factor F <sub>rt</sub>	Fa	riation actor pv	Metered Flor R (Mcfd)	w GC (Cubic Barr	Feet/	Flowing Fluid Gravity G <sub>m</sub>	
	ĺ								_	60				
/D \2 -			/D \2 _		•	, ,	/ERABILITY	•				$(a_{a})^{2} = 0.2$ $(a_{a})^{2} = 0.2$	207	
(P <sub>c</sub> ) <sup>2</sup> ≈				Choose formula 1 or 2	P <sub>d</sub> =		T	P <sub>c</sub> - 14.4) +			<del></del>			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	$(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$		LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slo <b>-</b> As	Backpressure Curve Slope = "n" Assigned Standard Slope		LOG	Antitog [		oen Flow iverability s R x Antilog (Mcfd)	
				divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	2 by:	<u> </u>	O.C.III							
									_	<u>-</u>	_	_		
Open Flor	w			Mcfd @ 14.	65 psia		Deliveral	oility	_		Mcfd @ 14.65	psia		
		•	•	n behalf of the uid report is true	• •		•			ne above repo December	ort and that he	has know	ledge of 20_15	
10013 31			, with that se	report to titl	001100	KCC /	Wi2:11	TA		naill	410	ten		
			Witness (i	fany)		APR	07 2018	5	jags	For	Company	in here		
			For Comm	ission			CEIVE		<u>-</u>	Che	cked by	_		
						3.76								

exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.  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 Milliken 21-18  gas well on the grounds that said well:  (Check one)    Is a coalbed methane producer   Is a coalbed methane producer   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 mct/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: 12/22/15  Title: Production Assistant    Production Assistant   P		er penalty of perjury under the laws of the state of Kansas that I am authorized to request
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Date: 12/22/15  Date: 12/22/15  WCC WICHIT Bignature:	I further agre	
KCC WICHIT Bignature: Canual Matter  Title: Production Assistant	•	• • • • • • • • • • • • • • • • • • • •
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APR 07 2016 Title: Production Assistant	staff as necessar	y to corroborate this claim for exemption from testing.
APR 07 2010	staff as necessar	y to corroborate this claim for exemption from testing.
14 14 PM	staff as necessar	y to corroborate this claim for exemption from testing.

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.

W2582

WELL ID

Milliken 21-18

LEASE NAME

North Goodland FIELD

Goodland

AREA

None

**EQUIPMENT** 

June-15

DATE

	Line	Casing			Н	IRS	REMARKS
DATE	PSI	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters)
6/1/2015	35	36	48		0	24	
6/2/2015	36	36	49	ı	0	24	need to replace meter valve
6/3/2015	30	30	43		85	0	
6/4/2015	26	26	39	ı	83	0	
6/5/2015	24	24	37		79	0	
6/6/2015	23	23	36		76	0	
6/7/2015	7	22	35		74	0	
6/8/2015	7	21	34		73	0	
6/9/2015	7	21	34		72	0	
6/10/2015	7	20	33		71	0	
6/11/2015	7	20	33		71	0	
6/12/2015	7	20	32		70	0	
6/13/2015	7	20	32		67	4	
6/14/2015	7	20	32		68	0	
6/15/2015	7	20	31		68	0	
6/16/2015	7	18	31		67	0	
6/17/2015	7	18	31		67	0	
6/18/2015	7	18	31		67	0	
6/19/2015	7	18	31		66	0	
6/20/2015	7	18	31		64	1	
6/21/2015	7	18	30		65	0	
6/22/2015	7	17	30		65	0	
6/23/2015	7	17	30		65	0	bp
6/24/2015	7	17	30		64	0	
6/25/2015	7	17	30		62	2	
6/26/2015	7	17	30		64	0	
6/27/2015	7	17	30		64	0	
6/28/2015	7	17	30		64	0	
6/29/2015	7	17	30		64	0	
6/30/2015	7	17	30		64	0	
7/1/2015	7	1	0		0	0	

Total

1929

KCC WICHITA APR 07 2016 RECEIVED

W2582

WELL ID

Milliken 21, 18 LEASE NAME

North Goodland FIELD

Goodland

AREA

None

**EQUIPMENT** 

July-14

DATE

	Line Casing				HRS	REMARKS
DATE	PSI PSI		STATIC MCF		DOWN	(Maximum length 110 characters)
7/1/2014	6	17	30	63	0	
7/2/2014	6	17	30	62		
7/3/2014	6	16	29	62	0	
7/4/2014	6	16	29	62	0	
7/5/2014	6	16	29	62	0	
7/6/2014	6	16	29	61	0	
7/7/2014	6	16	29	62	0	
7/8/2014	6	16	29	62	0	
7/9/2014	6	16	29	62	0	
7/10/2014	6	16	29	62	0	
7/11/2014	6	16	29	61	0	
7/12/2014	6	16	29	61	0	
7/13/2014	6	16	29	61	0	
7/14/2014	6	16	29	60	0	
7/15/2014	7	17	30	53	6	
7/16/2014	7	16	29	60	0	
7/17/2014	7	16	29	59	0	
7/18/2014	7	17	30	58	0	
7/19/2014	7	17	30	58	0	
7/20/2014	7	17	30	58	0	
7/21/2014	7	17	30	57	1	
7/22/2014	7	17	30	58	0	
7/23/2014	7	17	30	54	3	
7/24/2014	7	17	30	59	0	
7/25/2014	7	17	30	59	0	
7/26/2014	7	16	29	59	0	
7/27/2014	7	16	29	59	0	
7/28/2014	7	17	30	46	9	
7/29/2014	7	17	30	60	0	
7/30/2014	7	17	30	60	0	
7/31/2014	7	16	29	60		

Total

1840

KCC WICHITA APR 07 2016 RECEIVED

W2582

WELL ID

Milliken 21-18 LEASE NAME

North Goodland FIELD

Goodland

AREA

None

**EQUIPMENT** 

August-14

DATE

	Line	Casing					HRS		REMARKS
DATE	PSI	PSI	STATI	IC	MCF		DOWN	_	Maximum length 110 characters)
8/1/2014		7	16	29		60		2	
8/2/2014		7	16	29		60		0	
8/3/2014		7	16	29		60		0	
8/4/2014		7	16	29		60		0	
8/5/2014		7	16	29		60		0	
8/6/2014		7	16	29		60		0	
8/7/2014		7	16	29		60		0	
8/8/2014		7	16	29		60		0	
8/9/2014		7	16	29		60		0	
8/10/2014		7	16	29		60		0	
8/11/2014		6	16	29		60		0	
8/12/2014		6	16	29		60		0	
8/13/2014		6	16	29		60		0	
8/14/2014		6	16	29		60		0	
8/15/2014		6	16	29		60		0	
8/16/2014		6	16	29		60		0	
8/17/2014		6	16	29		60		0	
8/18/2014		6	16	29		60		0	
8/19/2014		6	16	29		60		0	
8/20/2014		6	16	29		60		0	
8/21/2014		6	16	29		60		0	
8/22/2014		6	16	29		60		0	
8/23/2014		6	16	29		60		0	
8/24/2014		6	16	29		60		0	
8/25/2014		6	16	29		60		0	
8/26/2014		6	16	29		60		0	•
8/27/2014		6	16	29		60		0	
8/28/2014		6	16	29		60		0	
8/29/2014		6	16	29		60		0	
8/30/2014		6	16	29		60		0	
8/31/2014		6	16	29		60		0	

Total 1860

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