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

Type Test	t:	Acres		(	See Instruc	tions on Rev	erse Side	9)						
□ Op	en Flow	MSL		T D-4				ADI	No. 45					
Deliverabilty					Test Date: API No. 15 6/2/2015 15-181-20416-000									
Company		ources				Lease G. Ihrig		_		13-20	Well Nu	mber		
County Location Sherman NWSW				Section 20				RNG (E/	W)		Acres Attributed 80			
Field Goodlan	 nd				Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.					
Completion Date				Plug Bac 1177'	k Total Dep	th		Packer S	et at					
Casing Size Weight			Internal I 2.441	Internal Diameter Set at 2.441 1177.67'			Perfor	ations	To 1098'	То 1098'				
Tubing Si	ize	Wei	ght	Internal [	Internal Diameter Set at			Perfor	ations	To				
Type Con Single (		(Describe) ntional)			Type Fluid Production Dry Gas			Pump Un Flowing	it or Traveling	Plunger? Yes	/ (No			
	g Thru (/	Annulus / Tub	ng)	<u>-</u>	% Carbon Dioxide				en	Gas G	Gas Gravity - G <sub>g</sub>			
Vertical D					Pressure Taps					(Meter Run) (Prover) Size				
Pressure	Buildup:	Shut in 6	1	20_15_at_2	Flange 15 at 2:50 (AM) (PM) Taken 6-			2	20	15 <sub>at</sub> 3:00	(	AM(PM)		
Well on L	.ine:	Started 6-	2	20 15 at 3	:00	(AM)(PM)	Taken 6-	3	20	15 at 3:50	(	(AM) (PM)		
					OBSERVE	D SURFACE	DATA			Duration of Shut	<sub>-in</sub> _24	Hours		
Static / Dynamic Property	Static / Onlice   Meter   Dynamic   Size   Prover Pressure		Differential	lemperature	Temperature Temperature		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		ubing ld Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration Li (Hours)		d Produced Barrels)		
Shut-In		psig (Pm	) Inches H <sub>2</sub> 0		<u> </u>	psig 28	psia 42.4	psig	psia_		<u>-</u>			
Flow						6	20.4			24	0			
			<u> </u>		FLOW STR	REAM ATTRI	BUTES		<u> </u>					
Plate Coeffiec (F <sub>b</sub> ) (F Mofd	ient ,)	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor	Flowing Temperature Factor F <sub>rt</sub>	Fa	iation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>		
									15					
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> ) <sup>2</sup>	= :	(OPEN FL	. ,	'ERABILITY) % (P.		ATIONS 14.4 =	:		)² = 0.2 )² =	07		
(P <sub>c</sub> ) <sup>2</sup> - (I	P <sub>a</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or  1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -P	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpres Stope Ass	sure Curve e = "n" origned ard Slope	0.71		Antilog	Or Del Equals	en Flow iverability R x Antilog (Mcfd)		
											<u></u>			
Open Flo		ned authority	on behalf of the		tates that h	Deliverabi		n make th		Mcfd @ 14.65 ps		ledge of		
	-		said report is tru									20 <u>15</u>		
						HITA				Martin	U/	,		
		Witnes	s (if any)						-or C	опрану 	<u> </u>			
	_	For Co.	nmission	-Ar	P <del>R 07</del> 2	TO IO _			Chec	ked by				

**RECEIVED** 

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 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
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: 12/22/15
Date:
KCC WICHITA  Signature:   APR 0 7 2016  Title:   Production Assistant  APR 0 7 2016
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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.

W2055 G. Ihrig 13-20 North Goodland Goodland None June-15

	Casing			HF	RS	REMARKS
DATE	PSI	STATIC	MCF	DO	<u>NWC</u>	(Maximum length 110 characters)
6/1/2015	28	40	)	0	24	
6/2/2015	28	41		0	24	
6/3/2015	15	28	ł	23	0	
6/4/2015	12	. 25		23	0	
6/5/2015	11	24	ļ	20	0	
6/6/2015	10	23		19	0	
6/7/2015	9	22		18	0	
6/8/2015	8	21		18	0	
6/9/2015	8	21		18	0	
6/10/2015	7	20	ì	17	0	
6/11/2015	7	20		17	0	
6/12/2015	7	20	)	17	0	
6/13/2015	7	20		15	4	
6/14/2015	7	20	)	16	0	
6/15/2015	7	19	•	17	0	
6/16/2015	6	19	1	16	0	
6/17/2015	6	19	)	16	0	
6/18/2015	6	19	ļ	16	0	
6/19/2015	6	19	1	15	0	
6/20/2015	6	19	ı	14	1	
6/21/2015	6	19	ı	16	0	
6/22/2015	6	. 19	)	15	0	
6/23/2015	6	19	1	15	0	
6/24/2015	6	19	ı	15	0	bp
6/25/2015	6	19	ı	13	2	
6/26/2015	6	19	1	15	0	
6/27/2015	6	18	•	15	0	
6/28/2015	6	18		15	0	
6/29/2015	6	18		15	0	
6/30/2015	6	18		15	0	
7/1/2015		0	1	0	0	

Total 464

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## W2055 G-Inrights 2017

North Goodland

Goodland

None

July-14

Total

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

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KCC WICHITA APR 0.7 2016 RECEIVED W2055

North Goodland

Goodland

None

August-14

-	Casing	<del>-</del>		HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
8/1/2014	·	6	19	15	2	<del>-</del>
8/2/2014		6	19	15	0	
8/3/2014		6	19	15	0	
8/4/2014		6	19	15	0	
8/5/2014		6	19	15	0	
8/6/2014		6	19	15	0	
8/7/2014		6	19	15	0	
8/8/2014		6	19	15	0	
8/9/2014		6	19	15	0	
8/10/2014		6	19	15	0	
8/11/2014		6	19	15	0	
8/12/2014		6	19	15	0	
8/13/2014		6	19	15	0	
8/14/2014		6	19	15	0	
8/15/2014		6	19	15	0	
8/16/2014		6	19	15	0	
8/17/2014		6	19	15	0	
8/18/2014		6	19	15	0	
8/19/2014		6	19	15	0	
8/20/2014		6	19	15	0	
8/21/2014		6	19	15	0	
8/22/2014		6	19	15	0	
8/23/2014		6	19	15	0	
8/24/2014		6	19	15	0	
8/25/2014		5	18	15	0	
8/26/2014		5	18	15	0	
8/27/2014		5	18	15	0	
8/28/2014		5	18	15	0	
8/29/2014		5	18	15	0	
8/30/2014		5	18	15	0	
8/31/2014		5	18	15	0	

Total 465

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