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

Type Test		Ten		(	(See Instruc	tions on Re	everse Side	p)			
Open Flow Deliverability				Test Date: 6/2/2015			API No. 15 181-20331-00 <b>00</b>				
Company		ources	~-			Lease Schwei	ndener			1-15	Well Number
			Section 15	Section TWP			<u> </u>			Acres Attributed	
Field Goodlan	d			Reservoi Niobrara					hering Conn		
Completic 8/15/200				Plug Bac 1207'	k Total Dept	th	-	Packer S	Set at		
Casing Si 4 1/2"	ize	Weig 9.5#	ht	Internal I 4.090	Diameter	Set 121		Perfo 992	rations	т <sub>о</sub> 1024'	
Tubing Si none	ze	Weig	ht	Internal [	Diameter	Set	at	Perfo	rations	То	
		(Describe) entional)		Type Flui Dry Ga	d Production	1		Pump Ur Flowin	nit or Traveling	Plunger? Yes	/ (No)
Producing Annulus		Annulus / Tubir	ng)	% C	Carbon Dioxi	de		% Nitrog	en	Gas Gr .6	avity - G <sub>g</sub>
Vertical D 1024'	epth(H)				Pres. Flan	sure Taps ge				(Meter ) 2"	Run) (Prover) Size
Pressure	Buildup					(AM) (PM)	Taken 6-	2		15 at 2:05	(AM (PM)
Well on L	ine:	Started 6-2	2	15 at 2	:05	(AM)(PM)	Taken <u>6-</u>	3	20	15 at 2:55	(AM) (PM)
					OBSERVE	D SURFAC		1		Duration of Shut-	in_24 Hours
Static / Dynamic Property	Orific Size (inche:	Prover Press		Flowing Temperature t	Well Head Temperature t	Wellhead	sing I Pressure P <sub>t</sub> ) or (P <sub>c</sub> )	Wellhe	Tubing ad Pressure r(P <sub>t</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In		_				16	30.4				
Flow						6	20.4			24	0
		<b>8</b> 1.4			FLOW STR		RIBUTES	_			<u></u>
Plate Coeffieci (F <sub>b</sub> ) (F Mcfd	ient <sub>P</sub> )	Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fac F	tor	Flowing femperature Factor	Fa	iation ctor : pv	Metered Flov R (Mcfd)	(Cubic Fe Barrel)	Gravity
									7		
<b>(D.</b> )		<b>(7.</b> ).0		-	OW) (DELIV		-				<sup>2</sup> = 0.207
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> ) <sup>2</sup> :	Choose formula 1 or 2.	P <sub>d</sub> =	<del></del>		P <sub>c</sub> - 14.4) +		<del></del>	(P <sub>d</sub> )	'=
(P <sub>o</sub> )²- (F or (P <sub>o</sub> )²- (F		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slo As	essure Curve ppe = "n" or esigned dard Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
	_				_			_			
Open Flow	 v	<u> </u>	Mcfd @ 14.	 65 nsia		Deliveral	- bility			 Mcfd @ 14.65 psi	 a
		ned authority o		<u> </u>	states that h			o make th	_	rt and that he ha	
	-	-	aid report is true			•			-		, 20 <u>15</u>
					KCC \	WICH	ITA _	70	mull	Ma	Eliver -
		Witness	(if any)			07 201			For C	Company	
		For Com	mission		<del></del>	O L COM	<b>-</b>		Cher	cked by	

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	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the fore correct to the bes of equipment inst	going pressure information and statements contained on this application form are true and 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 Schwendener 1-15
	ounds that said well:
_	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 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: 12/22/15	
	KCC WICPWTATure: Jaunel Marting  APR 07 2016 Title: Production Assistant  RECEIVED

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.

W421 Schwendener 1-15 North Goodland Goodland None June-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
6/1/2015	16	29	0	24	
6/2/2015	16	29	0	24	
6/3/2015	13	26	11	0	
6/4/2015	11	24	11	0	
6/5/2015	10	23	10	0	
6/6/2015	9	22	10	0	
6/7/2015	8	21	10	0	
6/8/2015	8	21	10	0	
6/9/2015	7	20	10	0	
6/10/2015	7	20	10	0	
6/11/2015	6	19	10	0	
6/12/2015	6	19	9	0	
6/13/2015	6	19	7	4	
6/14/2015	6	19	9	0	
6/15/2015	5	18	9	0	
6/16/2015	5	18	8	0	
6/17/2015	5	18	8	0	
6/18/2015	5	18	9	0	
6/19/2015	5	18	7	0	
6/20/2015	5	18	. 7	1	
6/21/2015	5	18	8	0	
6/22/2015	5	18	7	0	
6/23/2015	5	18	7	0	
6/24/2015	5	18	7	0	
6/25/2015	5	19	6	2	
6/26/2015	5	18	8	0	
6/27/2015	5	18	8	0	
6/28/2015	5	17	8	0	
6/29/2015	5	17	8	0	
6/30/2015	5	17	8	0	
7/1/2015		0	0	0	

Total 240

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W421 Schwendener 1-15

North Goodland

Goodland

None

July-14

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

Total

202

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W421 Schwendener I-15 h

North Goodland

Goodland

None

August-14

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

Total 238

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