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

_	en Flo		83I		Test Date	(See Instruct	tions on Re	everse Side	API	No. 15				
	liverab	шту	·····		9/12/20	07		***************************************	181	-20331-00 <del>-</del>	00		Well Nu	mhar
Company Rosewoo		sou	rces				Lease Schwe	ndener				1-15	well ivu	nder
County Location Section Sherman SWNE 15					TWP RNG (E/W) 7S 39W			W)	Acres Attributed 80					
Field Reservoir Goodland Niobrara							Gas Gathering Connection Branch Systems Inc.							
Completic 8/15/200		е			Plug Bac 1207'	ck Total Dept	th		Packer S	et at				
						at Perforations 12' 992'				то 1024'				
Tubing Si	ize		Weigh	t	Internal I	Internal Diameter Set at			Perforations			То		
Type Con Single (					Type Flui	id Production	1		Pump Un Flowing	it or Traveling g	Plunger	? Yes	100	)
7	-	(Anı	nulus / Tubing	1)	% (	Carbon Dioxi	de		% Nitroge	en		Gas Gr	avity - C	, ig
Annulus Vertical D		1)					sure Taps					-	Run) (Pi	rover) Size
1024'			0.1	<u> </u>	07 1	Flang			12		07	2"		
Pressure	Buildu	-	Shut in 9-1:		07 at 1	2.00	(AM) (RM)	Taken 9	-13	20	at_	1.25	•	AM) (PM)
Well on L	ine:		Started 9-13	3 20	) at	2:15	(AM) (EM)	Taken 9-	-14	20	at _	1.20	(	AM)(PM)
						OBSERVE	D SURFAC	E DATA			Duration	of Shut-	in 24	Hours
Static / Dynamic Property	namic Size Meter Differ		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia				d Produced Barrels)		
Shut-In							6	20.4	psig	psia				
Flow	Flow					5	19.4			24 0				
					<del></del>	FLOW STR		RIBUTES	Т		1			
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one:  Meter or  Prover Pressure psia  Press Extension  Pmx h  Pmx h		I Gravity i		Flowing Temperature Factor F <sub>11</sub>	Fa	riation actor = pv	Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
										10				
					(OPEN FL	OW) (DELIV	ERABILITY	/) CALCUL	ATIONS			(P <sub>a</sub> )	<sup>2</sup> = 0.2	07
(P <sub>c</sub> ) <sup>2</sup> =		_:_	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =	9	% (	P <sub>c</sub> - 14.4) +	14.4 =	·		(P <sub>d</sub> )		<u>——</u>
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2: 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 2 - P 2		Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
						·	-					w		
Open Flov	l			Mcfd @ 14.0	55 psia	·	Deliveral	bility			Mcfd @ 1	14.65 psi	 ia	
		gned	d authority, or	behalf of the		states that he			o make the					edge of
		_	•	id report is true			•		day of No	•			وسرر	90 07
							RECEIV	/FD	/00	n l			//	//h
			Witness (if	any)		KANSAS C	ORPORATIO	ON COMMIS	SION	For C	ompany		معمد	
	***************************************		For Comm	ssion		***************************************	AN 15			Chec	ked by			

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and tha	the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records
	nent installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the <u>Schwendener 1-15</u>
	on the grounds 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  ther agree to supply to the best of my ability any and all supporting documents deemed by Commissinecessary to corroborate this claim for exemption from testing.
Date: <u>1</u>	<u>/20/2007</u>
	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.

RECEIVED

KANSAS CORPORATION COMMISSION

W421 Schwendener 1-15 North Goodland Goodland None September-07

7

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/1/2007	7	20	. 9	C	
9/2/2007	7	20	9	C	)
9/3/2007	7	20	9	. 0	)
9/4/2007	7	20	9	C	)
9/5/2007	7	20	9	C	)
9/6/2007	$\epsilon$	5 19	10	C	)
9/7/2007	6	· i 19	10	C	)
9/8/2007	$\epsilon$	5 19	10	C	)
9/9/2007	6	5 19	10	C	•
9/10/2007	$\epsilon$	5 19	10	C	•
9/11/2007	6	5 19	10	. 2	)
9/12/2007	6	5 19	10	4.5	si12 cp6
9/13/2007	11	. 24	3	0	Open 12 cp11
9/14/2007	$\epsilon$	19	12	0	•
9/15/2007	$\epsilon$	18	10	0	
9/16/2007	$\epsilon$	18	10	3	1
9/17/2007	$\epsilon$	18	10	0	r
9/18/2007	6	18	10	0	•
9/19/2007	6	18	10	0	1
9/20/2007	6	19	10	0	
9/21/2007	5	18	10	0	•
9/22/2007	5	18	10	0	•
9/23/2007	5	18	10	0	1
9/24/2007	5	18	10	0	
9/25/2007	5	18	10	0	1
9/26/2007	5	18	10	0	1
9/27/2007	5	18	11	0	1
9/28/2007	5	18	11	0	
9/29/2007	5	18	11	0	•
9/30/2007	5	18	10	0	
10/1/2007				0	•

Total 293

RECEIVED KANSAS CORPORATION COMMISSION

W421 Schwendener 1-15 North Goodland Goodland None October-07

V

	Casing			HR	s	REMARKS		
DATE	PSI	STATIC	MCF	DO	WN	(Maximum length 110 characters)		
10/1/2007		5	18	10	0			
10/2/2007		5	18	10	0			
10/3/2007		5	18	10	0			
10/4/2007		5	18	10	0			
10/5/2007		5	18	10	0			
10/6/2007		5	18	10	0			
10/7/2007		5	18	10	0			
10/8/2007		5	18	10	0			
10/9/2007		5	18	10	0			
10/10/2007		5	18	10	0			
10/11/2007		4	17	11	0			
10/12/2007		4	17	11	0			
10/13/2007		4	17	11	0			
10/14/2007		4	17	11	0			
10/15/2007		4	17	11	0			
10/16/2007		5	18	10	. 0			
10/17/2007		5	18	10	0			
10/18/2007		5	18	10	0			
10/19/2007		5	18	10	0			
10/20/2007		5	18	10	0			
10/21/2007		5	18	10	0			
10/22/2007		5	18	10	0			
10/23/2007		4	17	10	0			
10/24/2007		4	17	10	0			
10/25/2007		4	17	10	0			
10/26/2007		4	17	10	0			
10/27/2007		4	17	10	0			
10/28/2007		4	17	10	0			
10/29/2007		4	17	10	0			
10/30/2007		4	17	10	0			
10/31/2007		4	17	10	0			

Total 315

RECEIVED KANSAS CORPORATION COMMISSION

W421 Schwendener 1-15 North Goodland Goodland None November-07

	Casing			HRS		REMARKS		
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 character		
11/1/2007		4	17	9	. 0			
11/2/2007		4	17	9	0			
11/3/2007		4	17	9	0			
11/4/2007		4	17	10	0	bp		
11/5/2007		4	17	10	0			
11/6/2007		4 1	17	10	0			
11/7/2007		4	17	10	0			
11/8/2007		8 2	21	7	6			
11/9/2007		5 1	18	7	3			
11/10/2007		4	17	10	0			
11/11/2007		4 1	17	10	0			
11/12/2007		4 1	17	10	0	bp		
11/13/2007		4 1	17	10	0			
11/14/2007		4 1	17	10	1			
11/15/2007		6 1	19	9	3	bp		
11/16/2007		4 1	17	9	12			
11/17/2007		8 2	21	3	7			
11/18/2007		6 1	19	6	0			
11/19/2007		5 1	18	11	0	bp		
11/20/2007		5 . 1	18	10	0			
11/21/2007		4 1	17	10	0	•		
11/22/2007		5 1	8	9	2			
11/23/2007		5 1	8	9	2			
11/24/2007		5 1	8	9	0			
11/25/2007		5 1	8	9	0			
11/26/2007		7 2	20	9	2			
11/27/2007		5 1	8	9	0			
11/28/2007	ŧ	5 1	8	9	0	,		
11/29/2007		5 1	.8	9	0			
11/30/2007		4 1	.7	8	3	bp		
12/1/2007					0			

Total

269

RECEIVED KANSAS CORPORATION COMMISSION