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

Type Test			MSI		(	See Instruct	ions on Rev	rerse Side	)				
·	en Fío liverab		<b>N</b> -		Test Date 6/2/2015					No. 15 -20336-00 <b>0</b>	0		
Company Rosewo		sour	ces		O/L/LOT		Lease Duell				1-10	Well Nur	mber
County Shermar	n	•	Location NENE	on	Section 10		TWP 7S		RNG (E	W)		Acres A	ttributed
Field Goodlan	nd				Reservoir Niobrara					hering Conn Systems In			
Completic		е			Plug Bac 1197"	k Total Dept	h ,		Packer S	Set at			
Casing S 4 1/2"	ize	-	Weigh 10.5#		Internal I 4.052	Diameter	Set a 1206		Perfo 980	rations	то 1010	)'	
Tubing Si	ize		Weigh		Internal D	Diameter	Set a	t	Perfo	rations	То		
Type Con Single (					Type Flui	d Production	1		Pump Ur Flowin	nit or Traveling	Plunger? Yes	s / No	
	g Thru		nulus / Tubing	)	% C	arbon Dioxi	de		% Nitrog		Gas (	Gravity - G	g
Vertical E	Depth(H	1)				Pres	sure Taps				(Mete	r Run) (Pr	over) Size
Pressure	Buildu	p: :	Shut in 6-1	2	15 at 4			Taken 6-	2	20	15 <sub>at</sub> 5:05	(/	AM(PM)
Well on L	_ine:		Started 6-2		0 15 at 5		_			20	15 at 5:55	(	AM)(PM)
						OBSERVE	D SURFACE	DATA			Duration of Shu	ut-in 24	Hours
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casi Wellhead I (P <sub>w</sub> ) or (P	Pressure	Wellhe	Fubing ad Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)		l Produced Barrels)
Shut-In		_					15	<sup>psia</sup> 29.4	psig	psia_			
Flow							6	20.4			24	0	
						FLOW STR	EAM ATTRI	BUTES					
Plate Coeffied (F <sub>b</sub> ) (F Mofd	cient -p)		Circle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fac F <sub>s</sub>	tor	Flowing Temperature Factor F <sub>ft</sub>	Fa	iation ctor	Metered Flor R (Mcfd)	w GO (Cubic Barre	Feet/	Flowing Fluid Gravity G <sub>m</sub>
								<u></u>		7			
(P ) <sup>2</sup> =			(P <sub>w</sub> ) <sup>2</sup> =		•	, ,	<b>ERABILITY)</b> % (P	CALCUL - 14.4) +		:		$(a_a)^2 = 0.20$ $(a_b)^2 =$	07
(P <sub>c</sub> ) <sup>2</sup> - (	(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 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		Backpres Slop Ass	ssure Curve be = "n" or signed ard Slope	n x	ГЛ	Antilog	Op Deli Equals	en Flow verability R x Antilog Mcfd)
Open Flo				Mcfd @ 14	.65 psia		Deliverab	ility			Mcfd @ 14.65 p	osia	
The	unders	igned	d authority, or	behalf of the	Company, s	states that h	e is duly au	thorized t	o make t	ne above repo	ort and that he	has know	edge of
the facts s	stated t	herei	n, and that sa	id report is tru								, 2 	<u>15</u>
		_	Witness (i	any)		KCC V	VICHI		Q.	ruell	THA Company	ter	<u> </u>
			For Comm	ssion		APR 0	7 2016			Che	ecked by		<u> </u>

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:
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.
KCC WICHITA 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.

W397 Duell 1-10 North Goodland Goodland None June-15

·	Casing				HRS	REMARKS
DATE	PSI	S	TATIC _	MCF	DOWN	(Maximum length 110 characters)
6/1/2015	_	15	27	0	24	
6/2/2015		15	28	0	24	
6/3/2015		13	26	9	0	
6/4/2015		12	25	9	0	
6/5/2015		10	23	9	0	
6/6/2015		9	22	9	0	
6/7/2015		9	22	9	0	
6/8/2015		8	21	10	0	
6/9/2015		8	21	9	0	
6/10/2013	5	7	20	9	0	
6/11/2013	5	7	20	10	0	
6/12/2013	5	7	20	9	0	
6/13/2015	5	6	20	7	4	
6/14/2013	5	5	19	9	0	
6/15/2013	5	5	19	9	0	
6/16/2013	5	5	19	8	0	
6/17/2013	5	5	19	8	0	
6/18/2013	5	5	18	9	0	
6/19/2013	5	5	19	8	0	
6/20/2013	5	5	19	7	1	
6/21/201:	5	5	18	8	0	
6/22/2013	5	5	18	8	0	
6/23/2015	5	5	18	8	0	
6/24/2013	5	5	18	8	0	
6/25/2013	5	5	19	6	2	
6/26/2015		5	18	8	0	
6/27/2013		5	18	8	0	
6/28/2015		5	18	8	0	
6/29/2015		5	18	8	0	
6/30/2015	5	5	18	8	0	
7/1/2015			0	0	0	

Total 235

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W397 Duell 1-10 North Goodland Goodland None July-14

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(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		6	19	6	0	
7/6/2014		6	19	6	0	
7/7/2014		5	18	7	0	
7/8/2014		5	18	7	0	
7/9/2014		5	18	7	0	
7/10/2014		5	18	7	0	
7/11/2014		5	18	7	0	
7/12/2014		5	18	7	0	
7/13/2014		6	19	6	0	
7/14/2014		6	19	6	0	
7/15/2014		7	20	4	6	
7/16/2014		6	19	5	0	
7/17/2014		7	20	5	0	
7/18/2014		7	20	5	0	
7/19/2014		7	20	5	0	
7/20/2014		7	20	5	0	
7/21/2014		7	20	5	1	
7/22/2014		7	20	5	0	
7/23/2014		7	20	4	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		7	20	6	0	
7/28/2014		7	20	4	9	
7/29/2014		7	20	7	0	
7/30/2014		7	20	7	0	
7/31/2014		7	20	7	1	

Total 186

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W397 Duell 1-10 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	ļ	6	19	7	0
8/6/2014		6	19	7	0
8/7/2014		6	19	7	0
8/8/2014	ļ	6	19	7	0
8/9/2014	ļ	6	19	7	0
8/10/2014	4	6	19	7	0
8/11/2014	4	5	18	7	0
8/12/2014	4	5	18	7	0
8/13/2014	4	5	18	7	0
8/14/2014	4	5	18	7	0
8/15/2014	4	5	18	7	0
8/16/2014	4	5	18	7	0
8/17/2014	4	5	18	7	0
8/18/2014	4	5	18	7	0
8/19/201	4	5	18	7	0
8/20/2014	4	5	18	7	0
8/21/201	4	5	18	7	0
8/22/2014	4	5	18	7	0
8/23/2014	4	5	18	7	0
8/24/201	4	5	18	7	0
8/25/201	4	5	18	7	0
8/26/201	4	5	18	7	0
8/27/201	4	5	18	7	0
8/28/201	4	5	18	7	0
8/29/201	4	5	18	7	0
8/30/2014	4	5	18	7	0
8/31/201	4	5	18	7	0

Total 217

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