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

Type Test					(	See Instruc	tions on Re	everse Side	)					
Op	en Flow	N SZI	_		Test Date	a·			AP	No. 15				
De	liverabi	ty			7/16/14					1-20489-01	)Q			
Company Rosewo		sources, li	nc.		<u></u>		Lease Bowma	an		_	-	v 14-08H	Vell Nui	nber
County Location Sherman SWSW					Section 8		TWP 7S			RNG (E/W) 39W		Acres Attributed 80		
Field Goodlan	nd	<u>_</u> _		<u></u>	Reservoir Niobrara					thering Conn Systems In				
Completion 2/19/200		•	_		Plug Bac 3158'	k Total Dep	th		Packer 5	Set at		-		
Casing Size Weight 4 1/2" 10.5#			Internal E 4.000	Diameter		Set at 3122'		Perforations 3130'		то <b>3145</b> '				
Tubing Size Weight NONE			Internal I	Diameter	Set	Set at		Perforations		То		•		
Type Con		(Describe)			Type Flui Dry Ga	d Production	n		Pump U Flowir	nit or Traveling	g Plunger	Yes /	(No)	
	g Thru	(Annulus /	Tubing)			Carbon Dioxi	ide		% Nitrog			Gas Gra	vity - G	g
Vertical E		<u></u> _					sure Taps						un) (Pr	over) Size
			7-15			Flan :10		\	16	20	14			
Pressure Well on L	•	: Shut in Started	7-17	2	0 14 at 5	:30	(AM)((PM)	) Taken 7-	18	20	14 at _	6:10		AM) (PM) AM) (PM)
							D SURFAC					of Shut-i	48	——Hours
Static /	Orific	ا ء	e one:	Pressure	Flowing	Well Head	Ca	sing	1	Tubing		_		
Dynamic Property	Oynamic Size Prover Pressure		Differential in Inches H <sub>2</sub> 0	Temperature t	emperature Temperature				ead Pressure or (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)		Liquid Produced (Barrels)		
Shut-In			_				39	53.4						
Flow				<u> </u>			8	22.4		<u> </u>	48		0	
	<del>- ,-</del>					FLOW STE	REAM ATT	RIBUTES		<del></del>				
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	eient p)	Circle one Meter o Prover Pres psia	r	Press Extension ✓ P <sub>m</sub> × h	Grav Fac	tor	Flowing Temperature Factor F <sub>f1</sub>	Fa	iation ctor <sub>pv</sub>	Metered Flor R (Mcfd)		GOR (Cubic Fee Barrel)	nt/	Flowing Fluid Gravity G <sub>m</sub>
							_			36				
/D \2		. ,	<b>D</b> 12		•	OW) (DELIV		•				•	= 0.20	)7
$(P_c)^2 = $		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub>		00se formula 1 or 2 1. Pc² - Ps²	LOG of	<u> </u>	Backpr	$P_c - 14.4) + $ essure Curve ope = "n"		<u></u> .	_	(P <sub>d</sub> ) <sup>2</sup>	Ор	en Flow verability
or (P <sub>c</sub> ) <sup>2</sup> - (		- <b>-</b>		2. P <sub>a</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	formula 1, or 2. and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	A	or ssigned dard Slope	·   " *	rog	Anti	log	Equals	R x Antilog Mcfd)
Open Flo	w			Mcfd @ 14.	65 psia		Delivera	bility	_		Mcfd @	14.65 psia	<u> </u>	
			•							he above repo	ort and th	at he has	s knowl	edge of
the facts s	stated th	erein, and	that said	l report is true	e and correc					,		ate	ے ،²	0 14 .
		W	litness (if a	ny)	<u>.</u> <del>.</del>			1000	_KU	MMA_For	Company C	Well	reef	
		F	or Commiss	sion.	<u> </u>	FEB	2 3 20	1 <del>5</del>		Che	ecked by			
						RE	CEIVE	D						

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.  Date: 12/16/14
KCC WICHTA Signature: Danal Martiney  FEB 23 2015 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.

W2393 Bowman 14-08H North Goodland Goodland None July-14

	Casing			HR	S	REMARKS
DATE	PSI	STATIC	MCF	DO	WN	(Maximum length 110 characters)
7/1/2014		3 2	1	39	0	
7/2/2014	:	3 2	1	39	0	
7/3/2014	;	3 2	1	39	0	
7/4/2014	;	3 2	1	39	3	
7/5/2014	;	3 2	1	39	0	
7/6/2014	1	3 2	1	39	0	
7/7/2014	1	3 2	1	39	0	
7/8/2014	1	3 2	1	38	0	
7/9/2014	:	3 2	1	38	0	
7/10/2014	;	3 2	1	38	0	
7/11/2014	8	3 2	1	38	0	
7/12/2014	5	3 2	1	38	0	
7/13/2014	:	3 2	1	38	0	
7/14/2014	;	3 2	1	38	0	
7/15/2014	1	3 2	I	36	3	shut in for state
7/16/2014	35	5 4	8	0	24	
7/17/2014	39	5:	2	0	24	opened up
7/18/2014	1	3 2	1	36	0	
7/19/2014	:	3 2	1	39	0	
7/20/2014	{	3 2	1	39	0	
7/21/2014	8	3 2	1	38	0	
7/22/2014	8	3 2	1	38	0	
7/23/2014	;	3 2	1	37	0	
7/24/2014	:	3 2	1	37	0	
7/25/2014	8	3 2	1	37	0	
7/26/2014	8	3 2	1	37	0	
7/27/2014	8	3 2	1	37	0	
7/28/2014	8	3 2	1	37	0	
7/29/2014		3 2	1	37	0	
7/30/2014	1	3 2	1	37	0	
7/31/2014	1	3 2	1	38	0	

Total 1099

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W2393 Bowman 14-08H North Goodland Goodland None August-14

	Casing			HRS		REMARKS		
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters		
Open Gauge								
8/1/2014		9	22	36	0			
8/2/2014		9	22	36	0			
8/3/2014		9	22	36	0			
8/4/2014		9	22	36	0			
8/5/2014		9	22	36	0			
8/6/2014		9	22	36	0			
8/7/2014		9	22	36	0			
8/8/2014		9	22	36	3			
8/9/2014		9	22	36	0			
8/10/2014		9	22	36	0			
8/11/2014		9	22	36	0			
8/12/2014		9	22	36	0			
8/13/2014		9	22	36	0			
8/14/2014		8	21	36	0			
8/15/2014		8	21	36	0			
8/16/2014		8	21	36	0			
8/17/2014		8	21	36	0			
8/18/2014		8	21	36	0			
8/19/2014		8	21	36	0			
8/20/2014		8	21	36	2			
8/21/2014		8	21	36	0			
8/22/2014		8	21	36	0			
8/23/2014		8	21	36	0			
8/24/2014		8	21	36	0			
8/25/2014		8	21	36	0			
8/26/2014		8	21	36	0			
8/27/2014		8	21	36	0			
8/28/2014		8	21	36	0			
8/29/2014		8	21	36	0			
8/30/2014		8	21	36	0			
8/31/2014		8	21	36	0			

Total 1116

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W2393 Bowman 14-08H North Goodland Goodland None September-14

	Casing			HF	ks	REMARKS
DATE	PSI	PSI STATIC		DOWN_		(Maximum length 110 characters)
Open Gauge						
9/1/2014		7	20	36	0	
9/2/2014		7	20	36	0	
9/3/2014		7	20	36	0	•
9/4/2014		7	20	36	0	
9/5/2014		7 2	20	36	0	
9/6/2014		7	20	36	0	
9/7/2014		7	20	36	0	
9/8/2014		7	20	36	0	
9/9/2014		7 2	20	36	0	
9/10/2014		8 2	21	36	0	
9/11/2014		8 2	21	36	0	
9/12/2014		8 2	21	36	0	
9/13/2014		8 2	21	36	0	
9/14/2014		8 2	21	36	0	
9/15/2014		8 2	21	36	0.5	
9/16/2014		8 2	21	36	0	
9/17/2014		8 2	21	36	0	
9/18/2014		8 2	21	36	0,5	
9/19/2014		8 2	21	36	0	
9/20/2014		8 2	21	36	0	
9/21/2014		8 2	21	36	0	
9/22/2014		8	21	36	0	
9/23/2014		8 2	21	36	0	
9/24/2014		8	21	35	0	
9/25/2014		8 2	21	35	0	
9/26/2014		8 2	21	35	0	
9/27/2014		8 2	21	35	0	
9/28/2014		8 2	21	35	0	
9/29/2014		8	21	35	0	
9/30/2014		8	21	35	0	
10/1/2014					0	

Total 1073

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