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

Type Tes		-A-		(	(See Instruc	tions on Re	verse Side	<del>)</del> )					
O <sub>I</sub>	pen Flor	N \$32											
De	eliverabi	lty			Test Date: API No. 15 7/31/2014 181-20517-					פנ			
Compan		sources, Inc.				Lease Yarger					Well Numbe	er	
County Location Sherman SESE/4						RNG (E/W) Acres Attribut 39W 80			buted				
Field Goodand			Reservoir Niobrara			Gas Gathering Connection Branch Systems Inc.							
Complete 6/20/08		•		Plug Bad 1150'	k Total Dep	th		Packer 9	Set at				
Casing Size Weight 2 7/8" 6.5#			ht				at Perforations 50' 942'			то 972'			
Tubing S	lize	Weig	ht	Internal Diameter Set at			Perfo	rations	То				
		(Describe) entional)		Type Flui DryGa	d Production	n		Pump Un	nit or Traveling	Plunger? Yes	(No)		
Producin Annulu	_	(Annulus / Tubir	ng)	% (	Carbon Dioxi	de		% Nitrog	en	Gas Gr .6	ravity - G <sub>o</sub>		
Vertical D	Depth(H	)			Pres Flan	sure Taps					Run) (Prove	ər) Size	
Pressure	Buildur	o: Shut in	30 2	0_14_at_1	2:25	<del>-</del>	Taken_7-	31	20	14 <sub>at</sub> 12:35	(AM	(PM)	
Well on L	_ine:	Started _7-3		0 <u>14</u> at <u>1</u>	2:35	(AM)(PM)	Taken 8-	1	20	14 at 1:25	(AM)	)(PM))	
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	_in_24	Ho <u>ur</u>	
Static / Dynamic Property	ynamic Size Meter Differential  Prover Pressure in		Differential in	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Welihead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	,	Liquid Produced (Barrels)	
Shut-In		P-3(1.11)				psig 8	psia 22.4	psig_	psia				
Flow						5	19.4	_		24	0		
				1	FLOW STR	REAM ATTR	IBUTES			<del></del>		_	
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Femperature Factor	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>		
							5						
	_			(OPEN FL	OW) (DELIV	ERABILITY	) CALCUL	ATIONS			²= 0.207		
(P <sub>c</sub> ) <sup>2</sup> =		_: (P <sub>w</sub> )²:	= <u>:</u>	P <sub>d</sub> =		%(I	P <sub>c</sub> - 14.4) +	14.4 =	:	(P <sub>a</sub> )			
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (		(P <sub>c</sub> )²- (P <sub>w</sub> )²	1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slo As	ssure Curve pe = "n" - or signed lard Slope	n x	LOG	Antilog	Open I Delivers Equals R (Mcf	ability x Antilog	
				-7,	<u></u>	Jane							
Open Flo	w		Mcfd @ 14.	65 psia		Deliverat	oility	_		Mcfd @ 14.65 psi	ia		
		•	on behalf of the said report is true	, .			_		ecember	ort and that he ha	ıs knowledç	ge of 14	
uie idūls S	siaieu ir	erem, and mat s	aiu report is trui	anu correc					ael	MAIT	100	 •/	
<del></del>		Witness	(if any)	KANSAS	Receive CORPORATION	N COMMISSIO	N /	<u> </u>		Company			
		For Com	mission		EB 25	2015			Che	cked by			

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 Yarger 44-02
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:
Received KANSAS CORPORATION COMMISSION  FEB 2 5 2015  CONSERVATION DIVISION WICHITA, KS  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.

W2579 Yarger 44-02 North Goodland Goodland None July-14

	Casing			HRS		REMARKS
DAT <u>E</u>	PSI	STATIC	MCF	DOWN	1	(Maximum length 110 characters)
7/1/2014		5 1	8	5	0	
7/2/2014		5 1	8	5	0	
7/3/2014		5 1	8	5	0	
7/4/2014		5 1	8	5	3	
7/5/2014		5 1	8	5	0	
7/6/2014		5 1	8	5	0	
7/7/2014		5 1	8	,5	0	
7/8/2014		5 1	8	5	0	
7/9/2014		5 1	8	5	0	
7/10/2014		5 1	8	5	0	
7/11/2014		5 1	8	5	0	
7/12/2014		5 1	8	5	0	
7/13/2014		5 1	8	5	0	
7/14/2014		5 1	8	5	0	
7/15/2014		5 1	8	5	3	
7/16/2014		5 1	8	5	0	
7/17/2014		4 1	7	8	0	
7/18/2014		5 1	8	5	0	
7/19/2014		5 1	8	5	0	
7/20/2014		5 1	8	5	0	
7/21/2014		5 1	8	5	0	
7/22/2014		5 1	8	4	0	
7/23/2014		5 1	8	4	0	
7/24/2014		5 1	8	4	0	
7/25/2014		5 1	8	4	0	
7/26/2014		5 1	8	4	0	
7/27/2014		5 1	8	4	0	
7/28/2014		5 1	8	4	0	
7/29/2014		5 1	8	4	0	
7/30/2014		4 1	7	4	0	shut in for state
7/31/2014		8 2	1	0	24	opened up

Total

144

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FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS

W2579 Yarger 44-02 North Goodland Goodland None August-14

1 4 7

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

Total 155

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W2579 Yarger 44-02 North Goodland Goodland None September-14

	Casing			HR	es	REMARKS
DATE	PSI	STATIC	MCF	DC	)WN	(Maximum length 110 characters)
9/1/2014		5 18	3	5	0	
9/2/2014	:	5 18	3	5	0	
9/3/2014	;	5 18	3	5	0	
9/4/2014		5 18	3	5	0	
9/5/2014		5 18	3	5	0	
9/6/2014		5 18	3	5	0	
9/7/2014	:	5 18	3	5	0	
9/8/2014	:	5 18	3	5	0	
9/9/2014	;	5 18	3	5	0	
9/10/2014	:	5 18	3	5	0	
9/11/2014	;	5 18	3	5	0	
9/12/2014	;	5 18	3	5	0	
9/13/2014	;	5 18	3	5	0	
9/14/2014	;	5 18	3	5	0	
9/15/2014	:	5 18	3	5	0.5	
9/16/2014	:	5 18	3	5	0	
9/17/2014	:	5 18	3	5	0	
9/18/2014	;	5 18	3	5	0.5	
9/19/2014	:	5 18	3	5	0	
9/20/2014	:	5 18	3	5	0	
9/21/2014	:	5 18	3	5	0	
9/22/2014	:	5 18	3	5	0	
9/23/2014	:	5 18	3	5	0	
9/24/2014	:	5 18	3	5	0	
9/25/2014	:	5 18	3	5	0	
9/26/2014	;	5 18	3	5	0	
9/27/2014	;	5 18	3	5	0	
9/28/2014	;	5 18	3	5	0	
9/29/2014	:	5 18	3	5	0	
9/30/2014	;	5 18	3	5	0	
10/1/2014					0	

Total 150

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