## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test	t: 	MI		(	See Instruc	tions on He	iverse Side	"					
	en Flow liverabil		e: 15				No. 15 -20386-00 <b>0</b>	00					
Company Rosewo		ources, Inc.				Lease Caldwe	11			24-32	Well Nu	mber	
County Location Sherman <b>E/2</b> SESW/4				Section 32		TWP 8S	•		W)		Acres Attributed 80		
Field Goodane	d				Reservoir Niobrara			Gas Gathering Connection Branch Systems Inc.					
Completion Date Plug Back Total Depth Packer Set at 1-9-2006 1370'													
Casing Size Weight 4 1/2" 10.5#							at Perforations 88.95' 1192			то 1214'			
Tubing S	ize	Weig	ght	Internal Diameter Set at			at	Perfo	rations	То			
Type Con		(Describe) entional)		Type Fluid Production Dry Gas				Pump Unit or Traveling Plunger? Yes No flowing					
	g Thru (	(Annulus / Tubi	ng)	% Carbon Dioxide				% Nitrog	<del></del>	Gas Gr .6	Gas Gravity - G		
Vertical E		<u> </u>		Pressure Taps							Run) (Pi	rover) Size	
Pressure	Builduo	: Shut in 9-	30	15 <sub>at</sub> 9	Flange  15 at 9:50 (PM) Taken 1			)-1		15 at 10:00		AM)(PM)	
Well on Line: Started 10-1			_		(PM)				15 at 10:50	(	AM)(PM)		
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	<sub>in_24</sub>	Hour	
Static / Dynamic Property	Orifica Size (inche:	Prover Pressure in		Flowing Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>f</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		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In						8 8	22.4	psig	psia				
Flow					<u> </u>	1	15.4	_		24	0		
					FLOW STR	REAM ATTE	IBUTES		<del></del>	<del></del>		<del></del> _	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psla	Press Extension	Grav Fac F	tor	Temperature		Deviation Metered Factor R		w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
									6				
(P <sub>c</sub> ) <sup>2</sup> =		_: (P <sub>w</sub> )²	:= :	(OPEN FL	OW) (DELIV		') CALCUL P <sub>c</sub> - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.2 <sup>2</sup> =	07	
$(P_c)^2 - (P_a)^2$ 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 <sub>o</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>o</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>o</sub> <sup>2</sup> - P <sub>a</sub>	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n" Assigned Standard Slope		n x	LOG	Antilog	Op Dell Equals	en Flow verability R x Antilog (Mcfd)	
Open Flo			Mcfd @ 14			Deliveral				Mcfd @ 14.65 ps			
			on behalf of the said report is tru							ort and that he ha	,	<sub>20</sub> 15	
		Witner		K	CC W	ICH![2	4	an	<u>all</u>	Mari	Luy		
			mmission		APR 07	2016			Che	company			
			•		DE C		. ,						

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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 Caldwell 24-32
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: 12/22/15
Signature: Janual Montuny  KCC WICHTA Title: Production Assistant  APR 07 2016  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.

W395



South Goodland

Goodland

None

September-15

	Casing		HF	RS	REMARKS
DATE	PSI	STATIC MCI	7 DO	OWN	(Maximum length 110 characters)
9/1/2015	1	14	6	0	
9/2/2015	1	14	6	0	
9/3/2015	1	14	6	0	
9/4/2015	1	. 14	6	0	
9/5/2015	1	14	6	0	
9/6/2015	1	. 14	6	0	
9/7/2015	1	14	6	0	
9/8/2015	1	. 14	6	0	
9/9/2015	1	. 14	6	0	
9/10/2015	1	14	6	0	
9/11/2015	1	14	6	0	
9/12/2015	1	. 14	6	0	
9/13/2015	1	. 14	6	0	
9/14/2015	1	14	6	0	
9/15/2015	1	14	6	0	
9/16/2015	1	. 14	6	0	
9/17/2015	1	14	6	0	
9/18/2015	1	. 14	6	0	
9/19/2015	1	. 14	6	0	
9/20/2015	1	14	6	0	
9/21/2015	1	14	6	0	
9/22/2015	1	14	6	0	
9/23/2015	1	14	6	0	
9/24/2015	1	. 14	6	0	
9/25/2015	1	14	6	0	
9/26/2015	1	14	6	0	
9/27/2015	1	14	6	0	
9/28/2015	1	14	6	0	
9/29/2015	3	16	0	22	
9/30/2015	8	21	0	24 :	24 hr shut in pressure for state
10/1/2015	0	0	0_	0	

Total 168

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South Goodland

Goodland

None

October-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
10/1/2015	9	22	0	24	· · · · · · · · · · · · · · · · · · ·
10/2/2015	6	19	4	7	
10/3/2015	4	17	6	0	
10/4/2015	3	16	6	0	
10/5/2015	3		6	0	
10/6/2015	2	15	6	0	
10/7/2015	2	15	6	0	
10/8/2015	2	15	5	2	
10/9/2015	2	15	6	2	
10/10/2015	2	15	6	2	
10/11/2015	1	14	6	0	
10/12/2015	1	14	5	4	
10/13/2015	1	14	6	0	,
10/14/2015	1	14	6	0	
10/15/2015	1	14	5	0	
10/16/2015	1	14	5	0	
10/17/2015	1	14	6	0	
10/18/2015	1	14	6	0	
10/19/2015	1	14	6	0	
10/20/2015	1	14	6	0	
10/21/2015	1	14	6	0	
10/22/2015	1	14	6	0	
10/23/2015	1	14	6	0	
10/24/2015	1	14	6	0	
10/25/2015	1	14	6	0	
10/26/2015	1	14	6	0	
10/27/2015	1	14	6	0	
10/28/2015	1	14	6	0	
10/29/2015	1	14	6	0	
10/30/2015	1	14	6	0	
10/31/2015	1	14	6	0	

Total 174

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Caldwell 24-32

South Goodland

Goodland

None

November-15

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

Total 160

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