KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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Type Tes		201	77		(See Instruc	tions on Re	everse Side	9)					
	en Flow liverabil	•	J		Test Date 10/31/20					I No. 15 1-20317-00 ¢	10			
Company		ources	 3				Lease Homes	tead				Well No	ımber	
County Location Sherman SENW				Section 4	Section TWP			RNG (E/W) 39W			Acres Attributed			
				Reservoir			Gas Gathering Connection Branch Systems Inc.							
Completion 12-28-20	on Date					k Total Dept	th		Packer	_ -	<u></u>		. <u>. </u>	
Casing Size Weight			Internal E	Internal Diameter Set at 4.052 1216'			Perfo	orations	To 1058'					
	Tubing Size Weight				Internal Diameter Set at				orations	То				
Type Cor Single (Type Fluid	d Production	n	<u> </u>	Pump U	nit or Traveling	Plunger? Yes	/ No		
	g Thru (s / Tubing	١.	. <u> </u>	% Carbon Dioxide			% Nitrog		Gas Gr	Gas Gravity - G _g		
Vertical E							sure Taps					Run) (P	rover) Size	
Pressure	Buildup	Shut	10-3	30 2	0_13_at_2	Flan :10		Taken 10)-31	20	13 _{at} 2:25		(AM) (PM))	
Well on L	•		ted 10-3		0 13 at 2	.05	(AM)(PM)				13 at 3:10		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in _24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter ver Pressur osig (Pm)	Pressure Differential in Inches H ₂ 0	tial Temperature Temperatu		e Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		d Produced Barrels)	
Shut-In				monoo 11 ₂ 0			psig 7	21.4	psig	psia				
Flow							4	18.4			24	0		
					<u> </u>	FLOW STR	REAM ATT	RIBUTES					1	
Plate Coefficient (F _b) (F _p) Mcfd		Circle Mete Prover F ps	er or Pressure	Press Extension P _m xh	Grav Fact	tor	Flowing Temperature Factor F _{f1}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
									=	8				
(P _c) ² =		:	(P _w) ² =_	:	(OPEN FLO	OW) (DELIV		') CALCUL P _c - 14.4) +		:	(P _a) (P _d)	² = 0.2	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_g)^2$		(P _c) ² - (P _w) ² 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 by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Del	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	w			Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @ 14.65 ps	ia		
	_		•							•	ort and that he ha	s know	ledge of	
the facts s	tated the	erein, ai	nd that sai	d report is true	And correct KANSAS C	brFORATIO	Hosingiss Lightness	ION	day of L	ecember	Mno -	1.3	20 _13	
			Witness (if	any)		EC 26	2013) L	For (Company (CC)	W	Ny _	
			For Commis	sion	cor	NSERVATION WICHITA,				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 Homestead 1-4
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 Commiss
staff as necessary to corroborate this claim for exemption from testing.
Date: 12/6/13
Date: 12/0/13
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Signature: //w/// /// // Curay
DEC 2 6 2013 Title: Production Assistant
CONSERVATION DIVISION WICHITA. KS
MICHIAL NO

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.

W404 Homestead 1-4 North Goodland Goodland None October-13

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
10/1/2013		4	17	9	0	
10/2/2013		4	17	9	0	
10/3/2013		4	17	9	0	
10/4/2013		4	17	9	0	
10/5/2013		4	17	9	0	
10/6/2013		4	17	9	0	
10/7/2013		4	17	9	0	
10/8/2013		4	17	8	0	
10/9/2013		4	17	8	0	
10/10/2013		4	17	8	0	
10/11/2013		4	17	8	0	
10/12/2013		4	17	8	0	
10/13/2013		4	17	8	0	
10/14/2013	•	4	17	8	0	
10/15/2013		4	17	8	3	
10/16/2013		4	17	6	7	
10/17/2013		4	17	8	0	
10/18/2013		4	17	8	0	
10/19/2013		4	17	8	0	
10/20/2013		4	17	8	0	
10/21/2013		4	17	8	0	
10/22/2013		4	17	8	0	
10/23/2013		4	17	8	0	
10/24/2013		3	16	8	0	
10/25/2013		4	17	8	0	
10/26/2013		4	17	8	0	
10/27/2013		4	17	8	0	
10/28/2013		4	17	8	2	
10/29/2013		4	17	7	0	
10/30/2013		4	17	7	0 sł	nut in
10/31/2013		7	20	0	24 01	pened up

Total 243

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W404 Homestead 1-4 North Goodland Goodland None November-13

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

Total 240

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