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

Type Test	: Flour	MSI		(	See Instruc	tions on He	iverse Siai	9)				
	en Flow liverabilty			Test Date 6/2/201					No. 15 -20317-000	0		
Company		ources				Lease Homes	tead			1-4	Well N	umber
County Location Sherman SENW			Section 4		TWP 7S		RNG (E/ 39W	W)		Acres 80	Attributed	
Field Goodlan	d			Reservoi Niobrara					hering Conn Systems in			
Completion 12-28-20				Plug Bac 1215'	k Total Dep	oth		Packer S	Set at			
Casing Size Weight 4 1/2" 10.5#				Internal I 4.052	Diameter		Set at 1216'		Perforations 1029'		™ 1058'	
Tubing Si	ze	Weig	ht	Internal Diameter			at Perforations			То		
Type Con Single (		Describe) ntional)		Type Flui Dry Ga	d Productions	n		Pump Ur Flowin	nit or Traveling	Plunger? Yes	/ (No	)
	Thru (A	Annulus / Tubir	ng)	% C	arbon Diox	ide		% Nitrog	en	Gas G	iravity -	G,
Vertical D					Pres Flan	ssure Taps					Run) (F	Prover) Size
Pressure	Buildup:	Shut in 6-1	12	0 15 at 2		<del></del>	Taken 6	2	20	15 at 2:25		(AM((PM))
Well on L	ìne:	Started 6-2	2 20	0 15 at 2	:25	(AM)(PM)	Taken 6-	.3	20	15 at 3:10		(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration of Shu	1-in_24	Hou
Static / Dynamic Property	Static / Orifice   Meter   Differentia		Differential in	Flowing Temperature t	Temperature   Temperature		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		ubing ad Pressure (P <sub>c</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)		id Produced (Barrels)
Shut-In	_	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2	_	-	13	27.4	psig	psia			
Flow						5	19.4			24	0	
	-	Circle one:		<del></del>	FLOW ST	REAM ATTR	IBUTES		<del></del>	<u> </u>		T
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient b) f	Meter or Prover Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fac F	tor	Flowing Temperature Factor F <sub>tt</sub>	Fa	riation actor = pv	Metered Flow R (Mcfd)	y GOA (Cubic F Barrel	eet/	Flowing Fluid Gravity G <sub>m</sub>
									9			
(P <sub>c</sub> ) <sup>2</sup> =	:	(P.,.)2 =	= ;	(OPEN FLO	, ,	'ERABILITY	) CALCUL 14.4) +		_ ;		) <sup>2</sup> = 0.2	207
(P <sub>o</sub> ) <sup>2</sup> - (For the contract of the contract	P <sub>a</sub> ) <sup>2</sup>	(P <sub>a</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 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>w</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>	Backpre Sto 	ssure Curve pe = "n" - or signed lard Slope	, n x l	LOG	Antilog	O De	pen Flow liverability s R x Antilog (Mcfd)
	-			-						 <del></del>	-	
Open Flor	w		Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.65 ps	sia	
	_	•	on behalf of the said report is true			,	^	D	coombor	rt and that he h	as knov	vledge of 20 15
10000 0		ong and title	and report to nuc	, 2.14 001160	KC	this the 2 WICI R 07 2	4175	7/5/	all.	Mac	711	 ()
		Witness	(if any)	<del>-</del>	AP	R 07 2	016		For	Company LUC		7
		For Com	mission			Bu Caracillo				cked by		

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	ping 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 instal	lation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reques	st a one-year exemption from open flow testing for the Homestead 1-4
gas well on the gro	ounds that said well:
(Chaole	
(Check o	is a coalbed methane producer
블	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
ب ا	
l 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	
	KCC WICHIPAGNATURE: Consult Marting  APR 07 2016  Title: Production Assistant
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## 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 June-15

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

Total 288

KCC WICHITA APR 0.7 2016 RECEIVED W404 Homestead 1-4

North Goodland

Goodland

None

July-14

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters
7/1/2014		4	17	7	0	-
7/2/2014		5	18	8	0	
7/3/2014		5	18	8	0	
7/4/2014		5	18	8	0	
7/5/2014		5	18	7	0	
7/6/2014		5	18	8	0	
7/7/2014		4	17	9	0	
7/8/2014		4	17	8	0	
7/9/2014		4	17	8	0	
7/10/2014		4	17	8	0	
7/11/2014	,	5	18	8	0	
7/12/2014	ļ.	5	18	8	0	
7/13/2014	ļ	5	18	8	0	
7/14/2014		5	18	7	0	
7/15/2014		6	19	4	6	
7/16/2014	r <u>.</u>	6	19	5	0	
7/17/2014		6	19	5	0	
7/18/2014		6	19	5	0	
7/19/2014		7	20	5	0	
7/20/2014	•	7	20	5	0	
7/21/2014	<b>\</b>	7	20	6	1	
7/22/2014	!	7	20	6	0	
7/23/2014		7	20	4	3	
7/24/2014		7	20	7	0	
7/25/2014		6	19	7	0	
7/26/2014	ļ	6	19	7	0	
7/27/2014	ļ	6	19	8	0	
7/28/2014	ļ	6	19	4	9	
7/29/2014	•	6	19	8	0	
7/30/2014		6	19	9	0	
7/31/2014	ļ	6	19	8	1	

Total

213

KCC WICHITA APR 0.7 2016 RECEIVED W404

Homestead 1-4

North Goodland

Goodland

None

August-14

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters
8/1/2014		5	18	9	2	
8/2/2014		5	18	9	0	
8/3/2014		5	18	9	0	
8/4/2014	1	5	18	9	0	
8/5/2014	ŀ	5	18	9	0	
8/6/2014		5	18	9	0	
8/7/2014	ŀ	5	18	9	0	
8/8/2014	ŀ	5	18	9	0	
8/9/2014	ļ	5	18	9	0	
8/10/2014	4	5	18	9	0	
8/11/2014	4	5	18	9	0	
8/12/2014	4	5	18	9	0	
8/13/2014	4	5	18	9	0	
8/14/2014	4	5	18	9	0	
8/15/2014	4	5	18	9	0	
8/16/2014	4	5	18	9	0	
8/17/201	4	5	18	9	0	
8/18/2014	4	5	18	9	0	
8/19/201	4	5	18	9	0	
8/20/201	4	5	18	9	0	
8/21/201	4	5	18	9	0	
8/22/201	4	5	18	9	0	
8/23/201	4	5	18	9	0	
8/24/201	4	5	18	9	0	
8/25/201	4	5	18	9	0	
8/26/201	4	5	18	9	0	
8/27/201	4	5	18	9	0	
8/28/201	4	5	18	9	0	
8/29/201	4	5	18	9	0	
8/30/201	4	5	18	9	0	
8/31/201	4	5	18	9	0	

Total 279

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