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

Type Test	t:		-1-2-			(	See Insi	tructi	ions on Re	verse S	Side	)						
□ Ор	 eл Flov	v Ż	DST.			Total Bodi	_					A D1	N.	45				
_	liverabi					7/31/14	e: 						No. 1-20	361-00 <b>C</b>	0			
Company Rosewoo		sour	rces						Lease Pancak	е						3-10	Well Nu	ımber
County Shermar	า		Loca	ation V		Section 10			TWP 7S			RNG (E.	/W)				Acres / 80	Attributed
Field Goodlan	ıd					Reservoir Niobrara								ng Conn stems In		n		
Completic 9/8/2004		9	-			Plug Bac 1174'	k Total [	Dept	ħ			Packer 8	Set a	at			_	
Casing S 2 7/8"	ize		Weig 6.5#	_		1nternal 0 2,441	Diameter		Set a			Perfo	-	ns		To 1033'		
Tubing Si	ize		Wei	ght		Internal D	Diameter	ř	Set a	at		Perfo	ratio	ons	·	То		
Type Con Single (						Type Flui Dry Ga		ction	1	_	_	Pump Ui Flowir		r Traveling	Plur	nger? Yes	7 No	
	j Thru		nulus / Tub	ing)		<b>_</b>	arbon D	)ioxid	de			% Nitrog				Gas Gr	avity - (	3 <sub>0</sub>
Vertical D		)			<del></del>	<del></del>	F	Press	sure Taps			<u> </u>	_	<u>.                                    </u>			Run) (P	rover) Size
1033'	·							lang	<u> </u>		_				4.4	2"		
Pressure	Builduj	o:	Snut in	30	2	20 14 at 4	:45		(AM) (PM)	Taken	<u> </u>	31		20	14	at 4:55		(AMX(PM)
Well on L	ine:		Started	31	2	0 <u>14</u> at <u>4</u>	.55	<del>-</del>	(AM) (PM)	Taken	<u>8-</u>	<u>1                                    </u>	_	20		at		(AM)(PM)
	г		<del></del>		<del>,</del> -	,	OBSE	RVE	D SURFAC	E DATA	۹	1			Dura	ation of Shut-	in_24	Hours
Static / Dynamic Property	Orific Size (inche	Э	Circia one Meter Prover Pres psig (Pn	sure	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well He Tempera		Cas Wellhead (P <sub>w</sub> ) or (F	Pressur () or (P	)	Wellhe		ressure or (P <sub>c</sub> )		Duration (Hours)		d Produced Barrels)
Shut-In			poig (i ii	"	IIICIICA II 20			_	psig _	psia 22.4		psig	_	psia				
Flow									5	19.4					24		0	
				_		_ <del>,</del>	FLOW	STR	EAM ATTR	IBUTE	S	_		_	-		_	<del>,</del>
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient		Circle one: Meter or ver Pressure psia		Press Extension P <sub>m</sub> ×h	Grav Fac	tor	' Т	Flowing emperature Factor F <sub>f1</sub>		Fa	iation ictor pv	M	letered Flow R (Mcfd)	N	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>
													6					
(D \2 -		_	/D \2		•	•			ERABILITY	•		.ATIONS 14.4 =				(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.2	207
(P <sub>c</sub> )² ≈		<u></u>	(P <sub>w</sub> ) <sup>2</sup>	Cho	ose formula 1 or 2	L .		<u>=</u>	Backpre		<del>-</del>	<del></del>	=	<u>—</u> : Г ¬				pen Flow
(P <sub>c</sub> ) <sup>2</sup> - (I or (P <sub>c</sub> ) <sup>2</sup> - (I		(P	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		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>	LOG of formula 1, or 2. and divide	P.2- P.	2	 As	pe = "n" - or signed		. nx	LOG			Antilog	De' Equal:	liverability s R x Antilog (Mcfd)
<u> </u>	-			divi	ded by: $P_c^2 - P_w^2$	2 by:	° ` <u>`</u>		Stand	lard Slop	<del></del>							(Mora)
	_					_							_		_			
Open Flo	w				Mcfd @ 14.	.65 psia			Deliverat	ility				_	Mcfd	l @ 14.65 ps	ia	
		_													ort ar	nd that he ha	as knov	ledge of
the facts s	tated th	nerei	n, and that	said	report is true		1.00	76	this the <u>2</u> ved ON COMMISS			day of _			-1	Vait		20 14
			Witnes	s (if an					2015		>	aa	U	For	Compa	MUU C	ui 1	<u>/</u>
			For Co	mmissi	on			 \TIO\	N DIVISION					Che	cked b	у		

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 Pancake 3-10 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: 12/22/14
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.

W415
Pancake 3-10
North Goodland
Goodland
None
July-14

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

Total

174

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FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS

W415 Pancake 3-10 North Goodland Goodland None August-14

Specification &

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

Total

177

Received KANSAS CORPORATION COMMISSION

FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS

W415 Pancake 3-10 North Goodland Goodland None September-14

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

Total 180

Received KANSAS CORPORATION COMMISSION

FEB 2 5 2015