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

Type Tes	st:		met			(See Instruc	tions on R	everse Sid	e)					
Open Flow SI						Test 'Date:				I No. 15	•			
Compan					7/15/20	09	Lease	<del></del>	02	3-21110-00	W	Well No	ımbar	
Rosewood Resources, Inc.						Zweygardt				34-24				
County Cheyen	ne		Locat SWSE	ion	Section 24		TWP 3S		RNG (8 41W	E/W)		Acres A	Attributed	
Field Cherry (	Creek				Reservoi Niobrar		·			thering Conr h Systems Ir				
Completi 10/29/20		е			Plug Bac 1529'	k Total Dep	th		Packer	Set at				
Casing S 4 1/2"	3			Internal 6.366	Internal Diameter Set at 6.366 1569'			Perf	orations  4'	To 1374'				
Tubing S NONE	ize		Weigh	nt	Internal I	Diameter	Set	at	Perf	orations	То			
Type Cor Single (						Type Fluid Production Dry Gas			Pump U	nit or Traveling	g Plunger? Yes	/No	)	
	-	(Anr	ulus / Tubin	g)	% (	% Carbon Dioxide			% Nitro	gen		avity - (	3 <sub>g</sub>	
Annulus Vertical D		1				Proc	sure Taps				.6	Dua\ /D	rover) Size	
1374		, 				Flan	-				2"	nuii) (r	iover) Size	
Pressure	Buildup	o: \$	3hut in	4 2	20 09 at 10:05		(AM) (PM)	и) <sub>Такел</sub> 7-15		20	09 <sub>at</sub> 10:20	(	AM)(PM)	
Well on L	.ine:	5	Started 7-1	52	0 <u>09</u> at 1	09 at 10:20 (AM) (PM) Taken 7-								
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24	Hours	
Static / Dynamic Property	Orific Size (inche	Meter Differential T		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing ead Pressure or (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)		Liquid Produced (Barrels)		
Shut-In			y psig (Pm) Inches H₂0				psig 200	psia 214.4	psig	psia				
Flow			. ,,,,,		44		210	224.4			24			
			*****			FLOW STR	EAM ATT	RIBUTES					A-174	
Coefficient Mete (F <sub>b</sub> ) (F <sub>p</sub> ) Prover F		Circle one: Meter or rer Pressure psia	Press Extension √ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Femperature Factor F <sub>tt</sub>	Fa	iation ctor pv	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>		
				.,						19				
					(OPEN FLO	OW) (DELIV	ERABILITY	) CALCUL	ATIONS		(P <sub>a</sub> ) <sup>2</sup>	2 = 0.20	 D7	
(P <sub>c</sub> ) <sup>2</sup> =		<u>:</u>	(P <sub>w</sub> ) <sup>2</sup> =	: Choose formula 1 or 2:	P <sub>d</sub> =	9	% (!	P <sub>c</sub> - 14.4) +	14.4 =	<del></del> :	(P <sub>d</sub> )			
_	$(P_c)^2 - (P_a)^2$ $(P_c)^2$ or $(P_c)^2 - (P_d)^2$		)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>w</sub> <sup>2</sup>	P 2 LOG of formula P 2 1. or 2. and divide P 2. P 2		Backpressure Curve Slope = "n" Assigned Standard Slope		n x l OG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
					-									
Open Flow	 v		<u> </u>	Mcfd @ 14.6	 65 psia		Deliverat	oility		_	Mcfd @ 14.65 psi	a		
The u	ındersig			<del></del>	Company, s		e is duly a	uthorized to			rt and that he ha	s knowl	edge of	
			Witness (if	any)			-			For C	ompany	KECE	IVED	
			For Commi	ssion		77770	-			Chec	ked by	UN 3	0 2000	

KCC WICHITA

exempt s and that correct to of equipm	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.  The foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named.
	eby request a one-year exemption from open flow testing for the Zweygardt 34-24 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 her agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date: <u>11</u>	/19/09
	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.

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NOV 3 0 2009

W2603

Zweygardt 34-24

St. Francis

St. Francis

None

July-09

FloBoss

	Casing				HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLEDOWN	BBLS	(Maximum length 110 characters)
7/1/2009		142	20		0		
7/2/2009		142	20		0		
7/3/2009		142	20		0		
7/4/2009		142	20		0		
7/5/2009		142	20		0		
7/6/2009		141	20		0		
7/7/2009		141	20		0		
7/8/2009		142	15		6		
7/9/2009		142	5		0		
7/10/2009		141	21		0		
7/11/2009		142	21		0		
7/12/2009		141	21		0		
7/13/2009		141	21		0		
7/14/2009		142	20		0		
7/15/2009	200	142	20		0		shut in at well for test
7/16/2009	210	140	6		0		open
7/17/2009		145	16		0		-
7/18/2009		144	21		0		
7/19/2009		144	21		0		
7/20/2009		143	15		7		
7/21/2009		143	20		0		
7/22/2009		143	20		0		
7/23/2009	200	142	21		0		
7/24/2009		142	21		0		
7/25/2009		142	21		0		
7/26/2009		142	21		0		
7/27/2009		142	18		4		
7/28/2009		142	21		0		
7/29/2009	200	142	21		0		
7/30/2009		141	21		0		
7/31/2009		141	21		0		

Total 589

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W2603

Zweygardt 34-24

St. Francis

St. Francis

None

August-09

FloBoss

	Casing			- ···· -		HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
8/1/2009		139	)	21		-	0	
8/2/2009		138	3	21			0	
8/3/2009		137	7	21			0	
8/4/2009		132	2	21			0	
8/5/2009		131	Ĺ	19			0	
8/6/2009		139	)	19			0	
8/7/2009		130	)	19			0	
8/8/2009		128	}	19			0	
8/9/2009		127	7	19			0	
8/10/2009		127	7	19			0	
8/11/2009		126	j	19			0	
8/12/2009		126	•	19			0	
8/13/2009		125	;	19			0	
8/14/2009		125	i	19			0	
8/15/2009		125	i	19			0	
8/16/2009		125	;	19			0	
8/17/2009		143		13			0	
8/18/2009		143		13			0	
8/19/2009		143		13			0	
8/20/2009		142		17			0	
8/21/2009		140	ì	21			0	
8/22/2009		140		21			0	
8/23/2009		141		21			0	
8/24/2009		143		19			0	
8/25/2009		140		17			0	
8/26/2009		120		18			0	
8/27/2009	110	0 140		18			0	
8/28/2009		140		18			0	
8/29/2009		118		18			0	
8/30/2009		130		18			0	
8/31/2009		118		18			0	

Total 575

NOV 3 0 2009
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W2603

Zweygardt 34-24

St. Francis

St. Francis

None

September-09

FloBoss

	Casing					HRS	Water
DATE	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS
9/1/2009		116	18				)
9/2/2009		116	18			(	C
9/3/2009		116	18			(	)
9/4/2009		122	15			(	5
9/5/2009		115	19			(	)
9/6/2009		115	18			(	)
9/7/2009		113	18			(	)
9/8/2009	110	113	18			(	)
9/9/2009		114	118			(	)
9/10/2009		113	18			(	)
9/11/2009		112	18			(	)
9/12/2009		112	17			(	)
9/13/2009		117	17			(	)
9/14/2009		120	17			(	)
9/15/2009	110	111	17			(	)
9/16/2009		111	17			(	)
9/17/2009		111	17			(	)
9/18/2009		111	17			(	)
9/19/2009		111	17			(	)
9/20/2009		111	17			(	)
9/21/2009		111	17			(	)
9/22/2009		113	16			(	)
9/23/2009		112	15			(	)
9/24/2009		112	17			(	)
9/25/2009		121	12			C	)
9/26/2009		143	17			C	)
9/27/2009		135	19			C	)
9/28/2009		124	17			C	)
9/29/2009		116	17			C	)
9/30/2009		142	11			8	;
10/1/2009						0	)

Total 607