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

Type Test	; on Flau	. 15	\$S		l	See Instruct	tions on Re	verse Side	9)					
_	en riow liverabil		-1 -7		Test Date 6/22/14	<b>:</b> :				No. 15 3-21110-00	00			
Company		our	ces, Inc.				Lease Zweyga	ardt				34-24	Vell Nur	nber
			Section 24				RNG (E/W) 41W			Acres Attributed 80				
Field				Reservoir Niobrara			Gas Gathering Connection Branch Systems Inc.							
Completic 10/29/20		)			Plug Bac 1529'	k Total Dept	th		Packer Set at					
Casing Si 4 1/2"	ize		Weigh 10.5#		Internal I 6.366	Internal Diameter Set at 6.366 1569'			Perforations 1344'			то 1374'		
Tubing Si NONE	ze		Weigh	t	Internal Diameter Set at			Perforations			То			
Type Con Single (					Type Flui Dry Ga	d Production	า		Pump Ur flowing	nit or Traveling g	Plunger	? Yes	(No)	
Producing Annulus	•	(Anr	nulus / Tubing	))	% C	% Carbon Dioxide			% Nitrogen			Gas Gravity - G <sub>g</sub> .6		
Vertical D	epth(H)	)				Pres Flan	sure Taps ge					(Meter F 2"	Run) (Pr	over) Size
Pressure	Buildup		Shut in 6-7		0 14 at 1		(AM)(PM)			20			(	AM) (PM)
Well on L	ine:	;	Started 6-2	22	0 <u>14</u> at <u>1</u>	0:20	(AM)(PM)	Taken 6-	-23	20	_14 at	11:05	@	AM) (PM)
						OBSERVE	D SURFAC				Duration	n of S <u>hut-</u> i	360	Hours
Static / Dynamic Property	Static / Orifice Meter Dynamic Size Prover Pro		Circle one:  Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Temperature Temperature		<ul> <li>I Wellhead Pressure</li> </ul>		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia			Duration Liq (Hours)		Produced arrels)
Shut-In							223	237.4						
Flow	_					<u></u>	55	69.4		<u> </u>	360			
						FLOW STR	REAM ATT	RIBUTES		<del></del>		_ <del>_</del>		
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd			Circle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F,	or Temperature		Fa	viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		w	W GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
								_		2				
					•	OW) (DELIV		-					2 = 0.20	)7
(P <sub>c</sub> ) <sup>2</sup> =	<del>-</del>	<u></u>	$\frac{(P_w)^2 \approx 1}{ P_w ^2}$	Choose formula 1 or 2	P <sub>d</sub> =	<del>===</del>		P <sub>c</sub> - 14.4) -		<del></del> :	Γ	(P <sup>d</sup> );		en Flow
(P <sub>c</sub> ) <sup>2</sup> - (I		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>k</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup> - P<sub>d</sub></li> </ol>	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slo As	pe = "n" - or ssigned dard Slope	l n x	LOG	An	atilog _	Deli Equals	verability R x Antilog Mcfd)
									l		N-41 @	44.65	<u> </u>	
Open Flo				Mcfd @ 14		<del></del>	Delivera					14.65 psi		
		-		n behalf of the aid report is tru	e and correc	t. Executed	this the _1	2	day of _	December	ort and t		,	n 14
			<del></del>		K	Re Ansas corpo	eceived Oration con	MISSION	Dai	rall	100	all	UR	 U
			Witness (	if any)			2 5 20				Company			
			For Comm	nission				-		Che	ecked by			

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the fore correct to the bes of equipment inst I hereby requ	going pressure information and statements contained on this application form are true and t of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for theZweygardt 34-24 rounds that said well:
(Check	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 e to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessar Date: 12/12/14	y to corroborate this claim for exemption from testing.
	Received  KANSAS CORPORATION COMMISSION  FEB 2 5 2015  Signature:  CONSERVATION DIVISION WICHITA, KS  Production Assistant

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.

W2603

Zweygardt 34-24

St. Francis

St. Francis

None

June-124

FloBoss

	Casing			RS	REMARKS
DATE	PSI	STATIC MO	F D	OWN	(Maximum length 110 characters)
6/1/20134	56	69	21	0	
6/2/2013	60	73	20	0	
6/3/2013	76	89	20	0	
6/4/2013	67	80	22	0	
6/5/2013	51	64	24	0	
6/6/2013	52	65	24	0	
6/7/2013	176	189	14	9	
6/8/2013	188	201	0	24	
6/9/2013	200	213	0	24	
6/10/2013	213	226	0	24	
6/11/2013	222	235	0	24	
6/12/2013	227	240	0	24	•
6/13/2013	228	241	0	24	
6/14/2013	230	243	0	24	
6/15/2013	230	243	0	24	
6/16/2013	230	243	0	24	
6/17/2013	231	244	0	24	
6/18/2013	230	243	0	24	
6/19/2013	226	239	0	24	
6/20/2013	223	236	0	24	
6/21/2013	223	236	0	24	
6/22/2013	223	236	0	24	
6/23/2013	118	131	0	5	
6/24/2013	110	123	0	0	
6/25/2013	103	116	1	0	
6/26/2013	91	104	i	0	
6/27/2013	86	99	1	0	
6/28/2013	65	78	2	0	
6/29/2013	54	67	2	0	started pu on auto
6/30/2013	56	69	2	0 :	no water, left pumping
7/1/2013				0	

Total

154

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FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS

W2603

Zweygardt 34-24

St. Francis

St. Francis

None

July-14

**FloBoss** 

FIOBOSS		-					****	
	Casing						HRS	Water
DATE	PSI	STATIC	MCF	SPN			DOWN	BBLS
7/1/2014	50			2	6	24		0 41
7/2/2014	5:			2	6	24		0 42
7/3/2014	50			2	6	24		0 42
7/4/2014	56		ı	2	6	24		0 43
7/5/2014	5′	7 70	)	2	6	24		0 41
7/6/2014	57	7 70	)	2	6	24		0 42
7/7/2014	5	7 70	)	2	6	24		0 43
7/8/2014	5′.	7 70	)	2	6	24		0 41
7/9/2014	59	72	!	2	6	24		0 42
7/10/2014	59	72	;	2	6	24		0 43
7/11/2014	62			2	6	24		0 42
7/12/2014	62			2	6	24		0 41
7/13/2014	62	2 75	i	2	6	24		0 43
7/14/2014	8′	7 100	)	2	6	24		0 0
7/15/2014	53	3 70	)	2	0	0		0 0
7/16/2014	50	69	)	1	0	0		0 0
7/17/2014	56	69	1	1	0	0		0 0
7/18/2014	5'	7 70	)	1	0	0		0 0
7/19/2014	54	1 67	,	1	0	0		0 0
7/20/2014	53	5 68	}	1	0	0		0 0
7/21/2014	133	3 146	;	1	0	0		0 0
7/22/2014	132	2 145	;	0	0	0	2	2 0
7/23/2014	79	92	!	0	0	0		7 0
7/24/2014	50	) 63	,	2	0	0		3 0
7/25/2014	5.	3 66	5	2	0	0		4 0
7/26/2014	52	2 65	i	2	0	0		0 0
7/27/2014	54	4 67	,	2	0	0		0 0
7/28/2014	54	1 67	<i>'</i>	2	0	0		0 0
7/29/2014	5.	3 66	5	2	0	0		0 0
7/30/2014	5:	5 68	3	2	0	0		0 0
7/31/2014	5:	5 68	3	2	_ 0	0		0 0

Total 52 546

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FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS

W2603

Zweygardt 34-24

St. Francis

St. Francis

None

August-14

FloBoss

	Casing		HR	s	REMARKS
DATE	PSI	STATIC MO	CF DC	wn	(Maximum length 110 characters)
8/1/2014	55	68	2	0	
8/2/2014	54	67	2	0	
8/3/2014	54	67	2	0	
8/4/2014	54	67	2	0	
8/5/2014	55	68	2	0	
8/6/2014	56	69	2	0	
8/7/2014	56	69	2	0	
8/8/2014	57	70	2	0	
8/9/2014	58	71	2	0	
8/10/2014	59	72	2	0	
8/11/2014	66	79	2	0	
8/12/2014	54	67	2	0	
8/13/2014	55	68	2	0	
8/14/2014	54	67	2	0	
8/15/2014	60	73	2	3	
8/16/2014	59	72	2	0	
8/17/2014	59	72	2	0	
8/18/2014	59	72	2	0	
8/19/2014	66	79	2	2	
8/20/2014	57	70	2	0	
8/21/2014	56	69	2	0	
8/22/2014	59	72	2	0	
8/23/2014	53	66	2	0	
8/24/2014	54	67	2	0	
8/25/2014	79	92	2	0	
8/26/2014	56	69	1	0	
8/27/2014	67	80	1	0	
8/28/2014	97	110	1	0	
8/29/2014	52	65	1	5	
8/30/2014	52	65	1	0	
8/31/2014	67	80	1	0	

Total 56

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