KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		\$	MSI			(See Instruc	tions on Re	verse Side	!)					
	en Flo iverab		A			Test Date 8/21/20					I No. 15 3-21251-00 0	0			
Company Rosewoo		sour	ces, Inc.			0/21/20	12	Lease Zweyga	ardt	<u> </u>	21201 004		W 43-24	ell Number	_
County Cheyenn	е		Loc NES	ation E	l	Section 24		TWP 3S		RNG (E 41W	E/W)		Ad 80	cres Attributed	- >
Field Cherry Creek					Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.				EIVE		
Completic 9/27/201		е				Plug Bac 1507'	Plug Back Total Depth				Set at			JAN	# 3 21
Casing Size Weight 4 1/2" 10.5#				Internal I	Internal Diameter Set 6.366 154			Perforations 1320'			To 1350'	JAN KCC W	/ICHI		
Tubing Size Weight NONE				Internal Diameter Set at			Perforations			То		and the same of th			
pe Com	•	•				Type Flui	d Productio	n		Pump U	nit or Traveling	Plunger?	Yes /	No	
	Thru		nulus / Tub	ing)			% Carbon Dioxide				gen		Gas Gravity - G _g		
ertical D		1)			į		Pres Flan	sure Taps	· · · · · · · · · · · · · · · · · · ·					un) (Prover) Size	
ressure	Buildu	p: 5	Shut in 8	-20	2	0 12 at 5		(AM)(PM)	Taken_8-	21	20	12 at	- 5:45	(AM((PM))	_
Vell on Li	ne:		Started 8	-21	2	0 12 at 5		(AM) (PM)				12 at 6	5:10	(AM)(PM))
							OBSERVE	D SURFAC	E DATA			Duration	of Shut-in	24 Hou	rs
Static / ynamic roperty	Siz	Size Meter Differenti		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		(P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _c)		Durat (Hou	I .	Liquid Produced (Barrels)		
Shut-In			psig (Pr	***	inches H ₂ U	-		psig 151	psia 165.4	psig	psia			·	-
Flow								81	95.4			24			
	Т			- T			FLOW STE	REAM ATTR	IBUTES		1			<u> </u>	7
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		•	Press Extension ✓ P _m x h	tension Factor		Flowing Temperature Factor F.,	emperature Eactor		Metered Flow R (Mcfd)		GOR Cubic Feet Barrel)	Flowing Fluid Gravity G _m	
											25			m	_
						•		ERABILITY	•			•		= 0.207	_
(P _c) ² =)2 a)2	: (P	(P _w) ²	Cha	nose formula 1 or 2:	P _d =		Backpre	csure Curve pe = "n"	пх	LOG D	Antile	(P _d) ² =	Open Flow Deliverability	
(P _c) ² - (F	(_a) ²	•••		1	2. P _c ² -P _d ² ded by: P _c ² -P _w ²	1. or 2. and divide by:	P _c ² - P _w ²	As	signed ard Slope			Artur	og	Equals R x Antilog (Mcfd)	1
				-	-										-
pen Flov	y				Mcfd @ 14.	65 psia		Deliverab	oility			Mcfd @ 1	4.65 psia		_
					ehalf of the					day of	he above repo	rt and tha	it he has	knowledge of	
			Witnes	s (if an	у)			-	6	من	unul Ford	Company	Wei	<u>)</u>	_
			For Co	mmissi	on			-			Chec	cked by			

KCC WICHITA

	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.
	oing pressure information and statements contained on this application form are true and
-	of my knowledge and belief based upon available production summaries and lease records
of equipment insta	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 the Zweygardt 43-24
gas well on the gr	ounds that said well:
(Check	one)
	is a coalbed methane producer
\Box	is cycled on plunger lift due to water
	is a source of natural gas for injection into an oil reservoir undergoing ER
一	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 agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
	to corroborate this claim for exemption from testing.
stati as necessar	
stan as necessar	
Date: <u>12/19/12</u>	
	· · · · · · · · · · · · · · · · · · ·
	Signature:
	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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W2732

Zweygardt 43-24

St. Francis

St. Francis

Flow

August-12

FloBoss

	Tubing						HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters
8/1/2012		84							
8/2/2012		78							
8/3/2012		79	92						
8/4/2012		76							
8/5/2012		85							
8/6/2012		77							
8/7/2012		83	96	24	•				
8/8/2012		79	92	24					
8/9/2012		78	91	24					
8/10/2012		91	104	24					
8/11/2012		79	92	24			1.5		
8/12/2012		78	91	25					
8/13/2012		76	89	24					
8/14/2012		77	90	24					
8/15/2012		86	99	24					
8/16/2012		76	89	24					
8/17/2012		77	90	24					
8/18/2012		80	93	24					
8/19/2012		78	91	24					
8/20/2012		75	88	24					si for state test cp-77
8/21/2012		151	c' 88	0			24		reopened cp-151
8/22/2012		81	94	38					-
8/23/2012		82	95	27					
8/24/2012		83	96	26					
8/25/2012		82	95	26					
8/26/2012		79	92	25					
8/27/2012		78	91	25					
8/28/2012		77	90	25					
8/29/2012		79	92	24					
8/30/2012		78	91	24					
8/31/2012		78	91	24					

W2732

Zweygardt 43-24

St. Francis

St. Francis

Flow

September-12

FloRoss

DATE	FloBoss					
9/1/2012		Casing			HRS	REMARKS
9/2/2012 80 93 24 9/3/2012 78 91 24 9/4/2012 77 90 24 1 9/5/2012 90 103 24 9/6/2012 90 103 24 9/6/2012 149 162 7 19 9/8/2012 156 169 0 24 9/9/2012 158 171 0 24 9/11/2012 160 173 0 24 9/11/2012 161 174 0 24 9/11/2012 162 175 0 24 9/12/2012 138 151 24 10 9/13/2012 138 151 24 10 9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 119 132 38 9/16/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 87 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/25/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25	DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/3/2012 78 91 24 9/4/2012 77 90 24 1 9/5/2012 90 103 24 9/6/2012 90 103 24 9/7/2012 149 162 7 19 9/8/2012 156 169 0 24 9/9/2012 158 171 0 24 9/10/2012 160 173 0 24 9/11/2012 161 174 0 24 9/11/2012 162 175 0 24 9/13/2012 138 151 24 10 9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 132 145 40 9/15/2012 13 138 151 24 10 9/14/2012 132 145 40 9/15/2012 119 132 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/25/2012 81 94 25 9/25/2012 80 93 25 9/28/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25	9/1/2012	78	91	24		
9/4/2012 77 90 24 1 9/5/2012 90 103 24 9/6/2012 90 103 24 9/7/2012 149 162 7 19 9/8/2012 156 169 0 24 9/9/2012 158 171 0 24 9/10/2012 160 173 0 24 9/11/2012 161 174 0 24 9/11/2012 162 175 0 24 9/11/2012 162 175 0 24 9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 139 131 32 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/25/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25	9/2/2012	80	93	24		
9/5/2012 90 103 24 9/6/2012 90 103 24 9/7/2012 149 162 7 19 9/8/2012 156 169 0 24 9/9/2012 158 171 0 24 9/10/2012 160 173 0 24 9/11/2012 161 174 0 24 9/11/2012 162 175 0 24 9/12/2012 138 151 24 10 9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 119 132 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/25/2012 87 100 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/29/2012 80 93 25	9/3/2012	78	91	24		
9/6/2012 90 103 24 9/7/2012 149 162 7 19 9/8/2012 156 169 0 24 9/9/2012 158 171 0 24 9/10/2012 160 173 0 24 9/11/2012 161 174 0 24 9/11/2012 162 175 0 24 9/13/2012 138 151 24 10 9/14/2012 132 145 40 40 9/15/2012 119 132 38 38 9/16/2012 108 121 32 9/15/2012 108 121 32 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/23/2012 87 90 26 26 29/22/2012 81 94 25 9/26/2012 87	9/4/2012	77	90	24	1	
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9/8/2012	9/6/2012	90	103	24		
9/9/2012 158 171 0 24 9/10/2012 160 173 0 24 9/11/2012 161 174 0 24 9/12/2012 162 175 0 24 9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 119 132 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/28/2012 80 93 25 9/29/2012 80 93 <td>9/7/2012</td> <td>149</td> <td>162</td> <td>7</td> <td>19</td> <td></td>	9/7/2012	149	162	7	19	
9/10/2012 160 173 0 24 9/11/2012 161 174 0 24 9/12/2012 162 175 0 24 9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 119 132 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 <td>9/8/2012</td> <td>156</td> <td>169</td> <td>0</td> <td>24</td> <td></td>	9/8/2012	156	169	0	24	
9/11/2012 161 174 0 24 9/12/2012 162 175 0 24 9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 119 132 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/25/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25	9/9/2012	158	171	0	24	
9/12/2012 162 175 0 24 9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 119 132 38 9/15/2012 108 121 32 9/16/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25	9/10/2012	160	173	0	24	
9/13/2012 138 151 24 10 9/14/2012 132 145 40 9/15/2012 119 132 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/11/2012	161	174	0	24	
9/14/2012 132 145 40 9/15/2012 119 132 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/12/2012	162	175	0	24	
9/15/2012 119 132 38 9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/13/2012	138	151	24	10	
9/16/2012 108 121 32 9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/14/2012	132	145	40		
9/17/2012 100 113 29 9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25	9/15/2012	119	132	38		
9/18/2012 85 98 29 9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25	9/16/2012	108	121	32		
9/19/2012 94 107 27 9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/17/2012	100	113	29		
9/20/2012 78 91 27 9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/18/2012	85	98	29		
9/21/2012 87 90 26 9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/19/2012	94	107	27		
9/22/2012 76 89 26 9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/20/2012	78	91	27		
9/23/2012 77 90 27 9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/21/2012	87	90	26		
9/24/2012 81 94 25 9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/22/2012	76	89	26		
9/25/2012 81 94 25 9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/23/2012	77	90	27		
9/26/2012 87 100 25 9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25 9/30/2012 80 93 25	9/24/2012	81	94	25		
9/27/2012 80 93 25 9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25	9/25/2012	81	94	25		
9/28/2012 80 93 25 9/29/2012 80 93 25 9/30/2012 80 93 25	9/26/2012	87	100	25		
9/29/2012 80 93 25 9/30/2012 80 93 25	9/27/2012	80	93	25		
9/30/2012 80 93 25				25		
		80	93	25		
10/1/2012	9/30/2012	80	93	25		
	10/1/2012					

Total

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JAN 0 3 2013

KCC WICHITA

W2732

Zweygardt 43-24

St. Francis

St. Francis

Flow

October-12

FloBoss

FloBoss					
	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
10/1/2012	80	93	25		
10/2/2012	80	93	25		
10/3/2012	80	93	25		
10/4/2012	78	91	25		
10/5/2012	78	91	25		
10/6/2012	78	91	25		
10/7/2012	68	81	25		
10/8/2012	78	91	25		
10/9/2012	78	91	25		
10/10/2012	80	93	25		
10/11/2012	79	92	25		
10/12/2012	78	91	25		
10/13/2012	79	92	25		
10/14/2012	81	94	24		
10/15/2012	79	92	24		
10/16/2012	91	104	24	1	
10/17/2012	80	93	24		
10/18/2012	77	90	24		
10/19/2012	77	90	24		
10/20/2012	79	92	24		
10/21/2012	77	90	23		
10/22/2012	79	92	24		
10/23/2012	77	90	24		
10/24/2012	76	89	24		
10/25/2012	74	87	24		
10/26/2012	77	90	24		
10/27/2012	76	89	24		
10/28/2012	75		24		
10/29/2012	96	109	24	2	
10/30/2012	88	101	23		
10/31/2012	76	89	24		

Total