Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:	_	101			(See Insti	ructi	ons on Re	verse Side	∍)					
Ор	en Flow	P	عدو			Test Date					۸۵	PI No. 15				
De	liverabil	ty				7/6/2012						3-20627-00 6	0			
Company		our	ces, Inc.						Lease Isernha	gen		**************************************		21-26	Well Num	ıber
County Location Cheyenne NENW/4					Section 26					RNG (E/W) 41W				Acres At		
Field St. Franc	cis						Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.				K	RECEIVE N 03 20 WICHI
					Plug Bac 1513'	Plug Back Total Depth 1513'				Packer	Packer Set at			JA	N 03 20	
•				Internal [2.441	Internal Diameter 2.441			Set at 1513'		Perforations 1381'		To 1413'	KCC	WICH		
Tubing Si	ze		Weig	ht		Internal [Internal Diameter Set at						То	_		
Type Con Single (•	•				Type Flui Dry Ga		tion			Pump U	Jnit or Traveling	Plunge	er? Yes	/No	
Producing		Anr	ıulus / Tubir	ng)			Carbon D	ioxid	le			-			ravity - G	1
Vertical D							Р	ress	ure Taps						Run) (Pro	ver) Size
1413'							Flange							2"		
Pressure	Buildup						12 at 11:20 (M)(PM) Taken 7							(A	(PM)	
Well on L	ine:	•	Started 7-6	5	20	0 12 at 1	1:30	((AM) (PM)	Taken 7-	-7	20	12 a	1:20	(A	M) (M)
						-	OBSER	RVE	SURFAC	E DATA			Duratio	on of Shut-	-in24	Hours
Static / Dynamic Property	ynamic Size Rroyer Pressu		ure	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		(P _w)	Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Produced arrels)	
Shut-In			poig (i m	'	mones 1120				psig 186	psia 200.4	psig	psia				
Flow									55	69.4			24		0	
	·····						FLOW S	STRI	EAM ATTR	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension ✓ P _m xh	Gravity Factor F _g		Te	Flowing emperature Factor F ₁₁	Fa	viation actor F _{pv}	Metered Flow R (Mcfd)	v	GOR (Cubic Fe Barrel)	I	Flowing Fluid Gravity G _m
								-				17				
				•		(OPEN FL	OW) (DE	LIVE	ERABILITY) CALCUL	ATIONS		•	(P _a)) ² = 0.20	
(P _c) ² =		:	(P _w) ²		:	P _d =		%	6 (F	² c - 14.4) +	14.4 = _	<u> </u>		(P _d))2 =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _a ²		LOG of formula 1. or 2. and divide	formula 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
					· · · · · · · · · · · · · · · · · · ·					-						
								····•				:		· · · · · ·		
Open Flor	W				Mcfd @ 14.	65 psia			Deliverab	oility			Mcfd @	14.65 ps	ia	
												the above repo	rt and	that he ha		
ne racts st	iated the	erei	n, and that s	said	report is true	e and correc	t. Execu	ted 1	this the		day of _	December	1	0 1101	, 20 , , 20) <u>12</u> .
 			Witness	(if an	у)				-		O	nall	Company		U_	
			For Com	mieel	nn.			_	_			Cha	ked by			
			FULCOM	1115510	J11							Chei	wen na			

KCC WICHITA

I declare unde	r penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status unde	r Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the forego	sing pressure information and statements contained on this application form are true and
correct to the best o	of my knowledge and belief based upon available production summaries and lease records
of equipment instal	ation 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 Isernhagen 21-26
gas well on the gro	unds that said well:
(Check o	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
_	to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 12/19/12	
	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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Isernhagen 21-26

St. Francis

St. Francis

None

July-12

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
7/1/2012	62	2 76	16		
7/2/2012	5	7 70	16	3	·
7/3/2012	7:	5 88	15		
7/4/2012	53	3 66	16		
7/5/2012	52	2 65	17		cp 159 si for state test
7/6/2012	18	6 64	0	24	cp 186 opened
7/7/2012	5:		21		
7/8/2012	6	1 74	20		
7/9/2012	58	3 71	18		
7/10/2012	58	3 71	18		
7/11/2012	5:	5 68	18		
7/12/2012	5:	5 68	18		
7/13/2012	54	4 67	18		
7/14/2012	54	4 67	18		
7/15/2012	53	5 68	18		
7/16/2012	6:	5 78	18	1.5	
7/17/2012	54	4 67	17		
7/18/2012	5	1 64	18		
7/19/2012	59	72	. 17	0.5	
7/20/2012	59	72	16		
7/21/2012	62	2 75	16		
7/22/2012	5:	5 68	17		
7/23/2012	54	4 67	17	0.5	
7/24/2012	6	l 74	16		
7/25/2012	68	81	16		
7/26/2012	54	4 67	16		
7/27/2012	83	3 96	15	5	•
7/28/2012	66	5 80	15		
7/29/2012	54	4 67	17		
7/30/2012	52	2 65	17		
7/31/2012	53	3 66	18		

Total

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Isernhagen 21-26

St. Francis

St. Francis

None

August-12

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
8/1/2012	53	66	18		
8/2/2012	50	69	17		
8/3/2012	53	68	17		
8/4/2012	55	68	17		
8/5/2012	50	69	17		
8/6/2012	54	67	17		
8/7/2012	59	72	. 17		
8/8/2012	58	71	16		
8/9/2012	50	69	16		
8/10/2012	68	81	15		
8/11/2012	55	68	16	1.5	
8/12/2012	53	66	17		
8/13/2012	53	66	17		
8/14/2012	52	. 65	18		
8/15/2012	66	79	17		
8/16/2012	53	66	17		
8/17/2012	50	63	17		
8/18/2012	60	73	17		
8/19/2012	53	66	17		
8/20/2012	52	. 65	17		
8/21/2012	52	. 65	17		
8/22/2012	51	64	17		
8/23/2012	54	67	17		
8/24/2012	59	72	16		
8/25/2012	59	72	16		
8/26/2012	58	71	16		
8/27/2012	58	71	16		
8/28/2012	54				
8/29/2012	56	69	17		
8/30/2012	55	68	17		
8/31/2012	55	68	. 17		

Total

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Isernhagen 21-26

St. Francis

St. Francis

None

September-12

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	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/1/2012	56	69	17		
9/2/2012	55	68	17		
9/3/2012	56	69	17		
9/4/2012	54	67	17	1	
9/5/2012	72	85	16		
9/6/2012	54	67	16		
9/7/2012	150	163	14	19	
9/8/2012	170	183	13	24	
9/9/2012	177		2	24	
9/10/2012	176			24	
9/11/2012	182		3	24	
9/12/2012	184		2	24	
9/13/2012	110	123	15	10	
9/14/2012	100	113	17		
9/15/2012	94	107	16		
9/16/2012	92	105	15		
9/17/2012	78	91	15		
9/18/2012	58	71	15		
9/19/2012	76	89	15		
9/20/2012	49	62	16		
9/21/2012	51	64	16		
9/22/2012	50	63	17		
9/23/2012	50	63	17		
9/24/2012	55	68	17		
9/25/2012	58	71	15		
9/26/2012	57	70	16		
9/27/2012	67	80	14	•	
9/28/2012	58	71	15		
9/29/2012	58	71	15		
9/30/2012	58	71	15		
10/1/2012					

Total