

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
- Deliverability

SI

(See Instructions on Reverse Side)

Test Date:
7/17/2007

API No. 15
15-023-20564 - 00 - 00

Company Rosewood Resources			Lease Isernhagen		Well Number 1-23
County Cheyenne	Location SWSW	Section 23	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field St. Francis		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 9/10/2004		Plug Back Total Depth 1528'	Packer Set at		
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1576'	Perforations 980'	To 1010'
Tubing Size none	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Conventional)	Type Fluid Production Dry Gas		Pump Unit or Traveling Plunger? Yes <input checked="" type="checkbox"/> No		
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6	
Vertical Depth(H) 1010'	Pressure Taps Flange			(Meter Run) (Prover) Size 2"	
Pressure Buildup:	Shut in 7/17	20 07 at 2:30	(AM) (PM) Taken 7/18	20 07 at 2:45	(AM) (PM)
Well on Line:	Started 7/18	20 07 at 2:45	(AM) (PM) Taken 7/19	20 07 at 3:30	(AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P _m)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						210	224.4				
Flow						50	64.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						30		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_g)² = 0.207

(P_o)² = _____

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ :

(P _c) ² - (P _a) ² or (P _c) ² - (P _o) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _o ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow

Mcfd @ 14.65 psia

Deliverability

Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 25 day of September 2007

Witness (if any)

For Commission

Tom W. Reelf
For Company
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KANSAS CORPORATION COMMISSION
Checked by

NOV 02 2007

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.

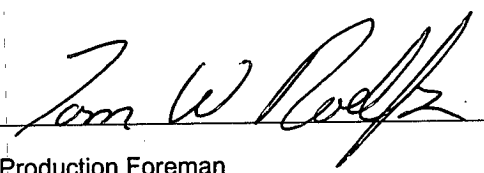
I hereby request a one-year exemption from open flow testing for the Isernhagen 1-23 gas well on the grounds that said well:

(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: 9/25/2007

Signature: 
Title: Production Foreman

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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CONSERVATION DIVISION
WICHITA, KS

W350
 Isernhagen 01-23
 St. Francis
 St. Francis
 Pumping Unit/Elec
 July-07

DATE	Tubing Casing		STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI						
7/1/2007			45	14			0	0 well down
7/2/2007			45	14			0	0
7/3/2007			46	14			0	0 bp
7/4/2007			45	14			0	0
7/5/2007			45	14			0	0
7/6/2007			46	14			0	0
7/7/2007			50	14			0	0
7/8/2007			44	13			0	0
7/9/2007			162	10			12	0
7/10/2007			225	13			15	0
7/11/2007			114	0			12	0 fixed well starter pump bp
7/12/2007			74	11			0	24
7/13/2007			50	17			0	24
7/14/2007			46	20			0	22
7/15/2007			46	21			0	21
7/16/2007			46	22			0	23
7/17/2007		40	49	23			0	24
7/18/2007			23	8			0	24 si 24 hr test cp - 210
7/19/2007			46	23			0	22
7/20/2007			46	23			0	23
7/21/2007			50	27			0	21
7/22/2007			50	27			0	24
7/23/2007			48	27			0	22
7/24/2007			60	28			4	23
7/25/2007			59	29		7/24	0	24 bucket test 7 min test
7/26/2007			49	28			0	23
7/27/2007			49	29			0	23
7/28/2007			50	29			0	25
7/29/2007			49	28			0	23
7/30/2007			49	29			0	25 bp
7/31/2007			50	20		7/24	0	28 6 min water test

Total

603

468

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CONSERVATION DIVISION
 WICHITA, KS

W350

Isernhagen 01-23

St. Francis

St. Francis

Pumping Unit/Elec

August-07

DATE	Tubing Casing		STATIC	MCF	SPM	HRS	Water	REMARKS (Maximum length 110 characters)	
	PSI	PSI				CYCLE	DOWN		BLS
8/1/2007			123	30	7	24	0	28	
8/2/2007			50	30	7	24	0	26	
8/3/2007			50	30	7	24	0	27	
8/4/2007			50	30	7	24	0	28	
8/5/2007			53	30	7	24	0	26	
8/6/2007			53	30	7	24	0	28	
8/7/2007			50	30	7	24	0	28	
8/8/2007			56	30	7	24	0	38	4.5 min water test
8/9/2007			154	30	7	24	12	36	
8/10/2007			123	23	7	24	0	22	
8/11/2007			117	26	7	24	0	34	
8/12/2007			99	30	7	24	0	28	
8/13/2007			91	30	7	24	0	37	
8/14/2007			94	31	7	24	0	28	6 min water test
8/15/2007			93	31	7	24	0	27	
8/16/2007			60	31	7	24	0	28	
8/17/2007			60	31	7	24	0	28	
8/18/2007			56	31	7	24	0	26	
8/19/2007			56	31	7	24	0	27	bp
8/20/2007			55	31	7	24	0	28	
8/21/2007			56	30	7	24	0	26	
8/22/2007			55	30	7	24	0	26	started pump lightng shut off
8/23/2007			57	30	7	24	0	24	
8/24/2007			57	30	7	24	0	29	
8/25/2007			59	30	7	24	0	28	
8/26/2007			57	30	7	24	0	26	
8/27/2007			64	30	7	24	0	26	bp
8/28/2007			64	30	7	24	0	27	
8/29/2007			77	30	7	24	0	25	
8/30/2007			77	30	7	24	0	27	
8/31/2007			77	30	7	24	0	25	

Total

926

867

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CONSERVATION DIVISION
WICHITA, KS

W350

Isernhagen 01-23

St. Francis

St. Francis

Pumping Unit/Elec

September-07

DATE	Tubing Casing			SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)	
	PSI	PSI	STATIC MCF					
9/1/2007			69	30	7	24	0	28
9/2/2007			71	30	7	24	0	26
9/3/2007			58	30	7	24	0	27
9/4/2007			58	30	7	24	0	25
9/5/2007			124	24	7	24	7	28
9/6/2007			93	35	7	24	0	25
9/7/2007			91	32	7	24	3	24
9/8/2007			72	30	7	24	0	26
9/9/2007			71	30	7	24	0	25
9/10/2007			65	30	7	24	0	27
9/11/2007			54	30	7	24	0	25
9/12/2007			57	30	7	24	0	21 8 min water test
9/13/2007			63	30	7	24	0	21
9/14/2007			65	30		24	0	21
9/15/2007			76	30	7	24	0	20
9/16/2007			81	30	7	24	0	19
9/17/2007			81	30	7	24	0	22
9/18/2007			70	30	7	24	0	20 si
9/19/2007			200	10	0	0	0	0 si
9/20/2007			204	0	0	0	0	0 si
9/21/2007			202	0	0	0	0	0 opened @ 2:30
9/22/2007			86	33	0	0	0	0
9/23/2007			83	30	0	0	0	0
9/24/2007			65	29	0	0	0	0 bp
9/25/2007			52	26	0	0	0	0
9/26/2007			52	24	0	0	0	0
9/27/2007			76	25	0	0	0	0
9/28/2007		90	76	26	0	0	0	0
9/29/2007			77	30	0	0	0	0
9/30/2007			77	30	0	0	0	0
10/1/2007								

Total

804

430

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WICHITA, KS