

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

Open Flow **SI**
 Deliverability

Test Date:
5/21/2008

API No. 15
15-023-20662-000

Company Rosewood Resources		Lease Isernhagen		Well Number 22-25	
County Cheyenne	Location SENW/4	Section 25	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field St. Francis		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 3/10/2006		Plug Back Total Depth 1463'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1464'	Perforations 1280'	To 1316'
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 / (No)	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1316'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 5-21 20 08 at 1:30 (AM) (PM) Taken 5-22 20 08 at 2:55 (AM) (PM)		Well on Line: Started 5-22 20 08 at 2:55 (AM) (PM) Taken 5-23 20 08 at 2:30 (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in **24** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (Pm)	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						60	74.4				
Flow						230	244.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _a) (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
						16		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_a)² = 0.207
(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 _w ²	LOG of formula 1. or 2. and divide by: P _c ² - P _w ²	Backpressure Curve Slope = "n" ----- or ----- 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 10 day of December, 20 08

Witness (if any)

For Commission

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JAN 29 2009

CONSERVATION DIVISION
WICHITA, KS

Wayne Graham
For Company

Checked by

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SEP 18 2009

KCC WICHITA

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 22-25 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: 12/10/08

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JAN 29 2009

Signature: *Wayne Jackson*

CONSERVATION DIVISION
WICHITA, KS

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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W369
 Isernhagen 22-25
 St. Francis
 St. Francis
 None
 May-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
5/1/2008		105		39	0
5/2/2008	90	105		39	0
5/3/2008		90		27	0
5/4/2008		88		26	0
5/5/2008		84		27	0
5/6/2008		86		23	0
5/7/2008	73	86		23	0
5/8/2008		83		22	0
5/9/2008		83		22	0
5/10/2008		82		21	0
5/11/2008		82		21	0
5/12/2008		82		21	0
5/13/2008		80		20	0
5/14/2008	68	82		20	0
5/15/2008		83		20	0
5/16/2008		82		21	0
5/17/2008		81		20	0
5/18/2008		82		21	0
5/19/2008		81		19	0
5/20/2008		79		19	0
5/21/2008		74		19	0
5/22/2008	60	78		19	0 shut in for test
5/23/2008	230	67		5	0
5/24/2008		90		26	0
5/25/2008		78		19	0
5/26/2008		78		19	0
5/27/2008		81		17	0
5/28/2008		78		17	0
5/29/2008		84		17	0
5/30/2008		80		17	0
5/31/2008		80		17	0

Total

663

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 WICHITA KS

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W369
 Isernhagen 22-25
 St. Francis
 St. Francis
 None
 June-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
6/1/2008		85		17	0
6/2/2008		80		16	0
6/3/2008		80		16	0
6/4/2008		78		16	0
6/5/2008		77		16	0
6/6/2008		76		16	0
6/7/2008		78		16	0
6/8/2008		80		16	0
6/9/2008		78		16	0
6/10/2008		80		16	0
6/11/2008		83		16	0
6/12/2008		82		16	0
6/13/2008		84		16	0
6/14/2008		84		16	0
6/15/2008		86		16	0
6/16/2008		81		16	0
6/17/2008		82		16	0
6/18/2008		80		16	0
6/19/2008		80		16	0
6/20/2008		79		16	0
6/21/2008		79		16	0
6/22/2008		79		16	0
6/23/2008		81		16	0
6/24/2008		79		16	0
6/25/2008		85		16	0
6/26/2008		85		16	0
6/27/2008		80		16	0
6/28/2008		76		16	0
6/29/2008		77		16	0
6/30/2008		77		16	0
7/1/2008					0

Total 481

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W369
 Isernhagen 22-25
 St. Francis
 St. Francis
 None
 July-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
7/1/2008		77		16	0
7/2/2008		81		16	0
7/3/2008	240	78		16	0
7/4/2008		78		16	0
7/5/2008		86		16	0
7/6/2008		88		15	0
7/7/2008		86		16	0
7/8/2008		81		16	0
7/9/2008		79		16	0
7/10/2008	240	79		16	0
7/11/2008		81		16	0
7/12/2008		79		16	0
7/13/2008		78		16	0
7/14/2008		176		15	11
7/15/2008		118		14	0
7/16/2008		98		16	0
7/17/2008	240	83		16	0
7/18/2008		104		16	0
7/19/2008		70		15	3
7/20/2008		74		15	0
7/21/2008		74		15	0
7/22/2008		80		15	0
7/23/2008		80		15	0
7/24/2008	240	102		15	0
7/25/2008		95		15	0
7/26/2008		71		15	0
7/27/2008		67		15	0
7/28/2008		76		15	0
7/29/2008		69		15	0
7/30/2008		157		15	0
7/31/2008	240	73		14	5

Total

478

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