

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **ASI**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
8/3/2009

API No. 15
023-20627-00 **00**

Company Rosewood Resources, Inc.			Lease Isernhagen			Well Number 21-26					
County Cheyenne		Location NENW/4		Section 26		TWP 3S		RNG (E/W) 41W		Acres Attributed 80	
Field St. Francis				Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.			
Completion Date 10/22/2005				Plug Back Total Depth 1513'				Packer Set at			
Casing Size 2 7/8"		Weight 6.5#		Internal Diameter 2.441		Set at 1513'		Perforations 1381'		To 1413'	
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 flowing			
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide				% Nitrogen		Gas Gravity - G _g .6	
Vertical Depth(H) 1413'				Pressure Taps Flange				(Meter Run) (Prover) Size 2"			
Pressure Buildup: Shut in		8-2		20 09		at 11:20		(AM) (PM)		Taken 8-3	
										20 09 at 11:30 (AM) (PM)	
Well on Line: Started		8-3		20 09		at 11:30		(AM) (PM)		Taken 8-4	
										20 09 at 1:20 (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						40	54.4				
Flow						145	159.4			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 F _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						43		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207

(P_d)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 _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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	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 20 day of November

Witness (if any)

RECEIVED
KANSAS CORPORATION COMMISSION
Tom W. Roelf
For Company NOV 30 2009

For Commission

Checked by

**CONSERVATION DIVISION
WICHITA, KS**

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.

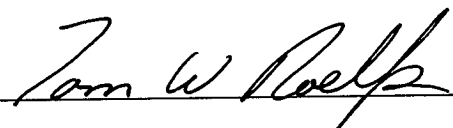
I hereby request a one-year exemption from open flow testing for the Isernhagen 21-26 gas well on the grounds that said well:

(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: 11/20/09

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. **RECEIVED** KANSAS CORPORATION COMMISSION

NOV 30 2009

W360
 Isernhagen 21-26
 St. Francis
 St. Francis
 None
 August-09

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
8/1/2009		68		26	0
8/2/2009		68		26	0
8/3/2009	40	66		27	0 shut in for test
8/4/2009	145	62		9	0 open
8/5/2009		135		36	0
8/6/2009		64		37	0
8/7/2009		68		27	0
8/8/2009		65		38	0
8/9/2009		64		38	0
8/10/2009		64		38	0
8/11/2009		61		38	0
8/12/2009		61		38	0
8/13/2009		59		39	0
8/14/2009		65		33	0
8/15/2009		65		33	0
8/16/2009		65		33	0
8/17/2009		104		14	0
8/18/2009		111		0	0
8/19/2009		116		0	0 shut in leak in separter
8/20/2009		65		34	0
8/21/2009		64		44	0
8/22/2009		64		41	4
8/23/2009		124		40	0
8/24/2009		62		38	0
8/25/2009		94		38	4
8/26/2009		63		36	0
8/27/2009		63		38	0
8/28/2009		65		38	0
8/29/2009		111		36	0
8/30/2009		42		34	3
8/31/2009		42		36	0

Total

983

RECEIVED
 KANSAS CORPORATION COMMISSION

NOV 30 2009

CONSERVATION DIVISION
 WICHITA, KS

W360
 Isernhagen 21-26
 St. Francis
 St. Francis
 None
 September-09

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
9/1/2009	0	42	0	0	shut in leak at separator
9/2/2009	0	42	0	0	replaced valve and opened
9/3/2009	0	70	56	0	
9/4/2009	0	99	52	6	
9/5/2009	0	68	51	0	
9/6/2009	0	66	49	0	
9/7/2009	0	66	47	0	
9/8/2009	0	66	46	0	
9/9/2009	0	69	44	0	
9/10/2009	0	64	44	0	
9/11/2009	0	63	44	0	
9/12/2009	0	62	43	0	
9/13/2009	0	68	41	0	
9/14/2009	0	61	42	0	
9/15/2009	0	63	42	0	
9/16/2009	0	60	42	0	
9/17/2009	0	60	43	0	
9/18/2009	0	59	43	0	
9/19/2009	0	58	43	0	
9/20/2009	0	58	43	0	
9/21/2009	0	60	42	0	
9/22/2009	0	58	42	0	
9/23/2009	0	58	42	0	
9/24/2009	0	57	42	0	
9/25/2009	0	84	33	6	
9/26/2009	0	114	37	0	
9/27/2009	0	96	32	0	
9/28/2009	0	88	31	0	
9/29/2009	0	64	35	0	
9/30/2009	0	76	28	8	
10/1/2009	0	0	0	0	

Total

1179

RECEIVED
 KANSAS CORPORATION COMMISSION

NOV 30 2009

CONSERVATION DIVISION
 WICHITA, KS