

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

Open Flow SI
 Deliverability

Test Date:
7/17/2007

API No. 15
023-20631-00-∞

(See Instructions on Reverse Side)

Company Rosewood Resources, Inc.		Lease Rudolph		Well Number 33-09	
County Cheyenne	Location NWSE/4	Section 9	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field St. Francis		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 10/21/2005		Plug Back Total Depth 1540'		Packer Set at	
Casing Size 2 7/8"	Weight 6.5#	Internal Diameter 2.441	Set at 1540'	Perforations 1421'	To 1453'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Conventional)		Type Fluid Production		Pump Unit or Traveling Plunger? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1453'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7/17 20 07 at 11:15 (AM) (PM) Taken 7/18 20 07 at 1:45 (AM) (PM)		Well on Line: Started 7/18 20 07 at 1:45 (AM) (PM) Taken 7/19 20 07 at 12:15 (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter 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						160	174.4				
Flow						153	167.4			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 (Mcf/d)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						23		

(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 = _____ :

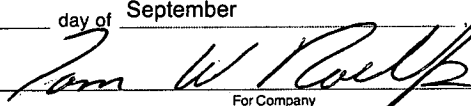
(P _c) ² - (P _w) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _d ² 2. P _c ² - P _w ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: P _c ² - P _w ²	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcf/d)

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


For Company
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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.

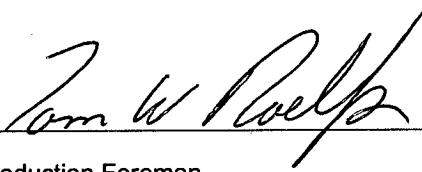
I hereby request a one-year exemption from open flow testing for the Rudolph 33-9 gas well on the grounds that said well:

(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

W441

Rudolph 33-9

St. Francis

St. Francis

None

July-07

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
7/1/2007		155	24	0	
7/2/2007		155	24	0	
7/3/2007		153	21	0	bp
7/4/2007		153	24	0	
7/5/2007	150	153	24	0	
7/6/2007		153	24	0	
7/7/2007		152	23	0	
7/8/2007		153	23	0	
7/9/2007		153	13	12	
7/10/2007		233	3	15	
7/11/2007		153	10	12	bp
7/12/2007		153	23	0	
7/13/2007		154	24	0	
7/14/2007		154	24	0	
7/15/2007		154	24	0	bp
7/16/2007		154	24	0	
7/17/2007	150	153	24	0	
7/18/2007		38	8	0	si 24 hr test cp - 160
7/19/2007		157	17	0	
7/20/2007		156	24	0	
7/21/2007		156	24	0	
7/22/2007		156	24	0	
7/23/2007		156	24	0	
7/24/2007	155	152	21	4	
7/25/2007		152	23	0	
7/26/2007		153	23	0	
7/27/2007		153	23	0	
7/28/2007		152	23	0	
7/29/2007		153	23	0	
7/30/2007		152	24	0	bp
7/31/2007		151	24	0	

Total

661

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Rudolph 33-9

St. Francis

St. Francis

None

August-07

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
8/1/2007		153		24	0
8/2/2007		153		24	0
8/3/2007		153		24	0
8/4/2007		153		24	0
8/5/2007		153		24	0
8/6/2007		152		24	0
8/7/2007		153		23	0
8/8/2007		151		23	0
8/9/2007		154		24	12
8/10/2007		154		10	0
8/11/2007		153		21	0
8/12/2007		152		23	0
8/13/2007		153		24	0
8/14/2007		153		23	0 bp
8/15/2007		153		23	0
8/16/2007		153		23	0
8/17/2007		153		24	0
8/18/2007		154		24	0
8/19/2007		153		24	0 bp
8/20/2007		153		24	0
8/21/2007		154		24	0
8/22/2007	148	154		24	0
8/23/2007		154		24	0
8/24/2007		153		24	0
8/25/2007		153		24	0
8/26/2007		153		24	0
8/27/2007		153		23	0 bp
8/28/2007		153		24	0
8/29/2007		153		24	0
8/30/2007		153		24	0
8/31/2007		153		24	0

Total

720

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Rudolph 33-9

St. Francis

St. Francis

None

September-07

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
9/1/2007		152		23	0
9/2/2007		152		24	0
9/3/2007		153		23	0
9/4/2007		153		23	0
9/5/2007		151		19	7
9/6/2007		152		20	0
9/7/2007		151		19	3
9/8/2007		151		20	0
9/9/2007		153		23	0 bp
9/10/2007		154		23	0
9/11/2007		154		23	0
9/12/2007		153		23	0
9/13/2007		153		23	0
9/14/2007		153		23	0
9/15/2007		153		23	0
9/16/2007		153		23	0
9/17/2007		153		23	0
9/18/2007		153		23	0 si
9/19/2007		166		7	0 si
9/20/2007		168		0	0 si
9/21/2007	135	123		0	0 opened @ 2:30 pm
9/22/2007		109		54	0
9/23/2007		126		42	0
9/24/2007		78		54	0
9/25/2007		60		56	0 bp
9/26/2007		53		48	0
9/27/2007	66	79		49	0
9/28/2007		79		48	0
9/29/2007		80		48	0
9/30/2007		77		46	0
10/1/2007					0

Total

853

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