

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow **OSI**
 Deliverability

Test Date:
5/22/2008

API No. 15
15-023-20591 **0000**

Company Rosewood Resources		Lease Dunn		Well Number 1-13	
County Cheyenne	Location SWNW	Section 13	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 1477'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1487'	Perforations 1300'	To 1336'
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) 1336'		Pressure Taps Flange		Gas Gravity - G _g .6	
Pressure Buildup: Shut in 5-22 20 08 at 8:25 (AM) (PM) Taken 5-23 20 08 at 9:45 (AM) (PM)		Well on Line: Started 5-23 20 08 at 9:45 (AM) (PM) Taken 5-24 20 07 at 9:30 (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						70	84.4				
Flow						225	239.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (F _d) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						12		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_g)² = 0.207
(P_g)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 12 day of December, 20 08.

Witness (if any) _____ For Commission _____
_____ For Company

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JAN 29 2009
CONSERVATION DIVISION
WICHITA, KS

Wayne Inman
For Company

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Checked by

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 Dunn 1-13 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: 12/12/08

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CONSERVATION DIVISION
WICHITA, KS

Signature: Wayne Anthon

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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W346
 Dunn 1-13
 St. Francis
 St. Francis
 None
 May-08

DATE	Casing			HRS	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF	DOWN	
5/1/2008		85	16	0	
5/2/2008	70	85	16	0	
5/3/2008		85	16	0	
5/4/2008		84	16	0	
5/5/2008		85	16	0	
5/6/2008		84	16	0	
5/7/2008		85	16	0	
5/8/2008	70	82	16	0	
5/9/2008		83	16	0	
5/10/2008		82	16	0	
5/11/2008		83	16	0	
5/12/2008		83	16	0	
5/13/2008		82	16	0	
5/14/2008		83	16	0	
5/15/2008	70	86	16	0	
5/16/2008		83	16	0	
5/17/2008		83	16	0	
5/18/2008		82	16	0	
5/19/2008		83	16	0	
5/20/2008		82	16	0	
5/21/2008		87	16	0	
5/22/2008		79	16	0	
5/23/2008	70	85	16	0	shut in for test
5/24/2008	225	67	3	0	open
5/25/2008		86	25	0	
5/26/2008		86	25	0	
5/27/2008		86	17	0	
5/28/2008		84	17	0	
5/29/2008		75	16	0	
5/30/2008		123	11	0	
5/31/2008		81	13	0	

Total 495

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W346
 Dunn 1-13
 St. Francis
 St. Francis
 None
 June-08

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
6/1/2008		80	13	0	
6/2/2008		79	12	0	
6/3/2008		79	12	0	
6/4/2008		78	12	0	
6/5/2008		76	12	0	
6/6/2008		76	12	0	
6/7/2008		77	12	0	
6/8/2008		76	12	0	
6/9/2008		79	12	0	
6/10/2008		73	12	0	
6/11/2008		83	12	0	
6/12/2008		81	12	0	
6/13/2008		83	12	0	
6/14/2008		81	12	0	
6/15/2008		86	12	0	
6/16/2008		81	12	0	
6/17/2008		82	12	0	
6/18/2008		79	12	0	
6/19/2008		80	12	0	
6/20/2008		80	12	0	
6/21/2008		79	12	0	
6/22/2008		79	12	0	
6/23/2008		80	12	0	
6/24/2008		78	12	0	
6/25/2008		78	12	0	
6/26/2008		79	12	0	
6/27/2008		79	12	0	
6/28/2008		78	12	0	
6/29/2008		78	12	0	
6/30/2008		78	12	0	
7/1/2008				0	

Total 361

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W346
 Dunn 1-13
 St. Francis
 St. Francis
 None
 July-08

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
7/1/2008		77	12	0	
7/2/2008		80	12	0	
7/3/2008	60	77	12	0	
7/4/2008		77	12	0	
7/5/2008		86	12	0	
7/6/2008		88	12	0	
7/7/2008		86	12	0	
7/8/2008		81	12	0	
7/9/2008		78	12	0	
7/10/2008	65	79	12	0	
7/11/2008		82	12	0	
7/12/2008		79	12	0	
7/13/2008		72	12	0	
7/14/2008		178	12	11	
7/15/2008		119	11	0	
7/16/2008		99	12	0	
7/17/2008	70	84	12	0	
7/18/2008		104	12	0	
7/19/2008		70	11	3	
7/20/2008		78	12	0	
7/21/2008		80	12	0	
7/22/2008		82	12	0	
7/23/2008		82	12	0	
7/24/2008	87	101	12	0	
7/25/2008		96	12	0	
7/26/2008		72	12	0	
7/27/2008		71	12	0	
7/28/2008		77	12	0	
7/29/2008		69	12	0	
7/30/2008		133	12	0	
7/31/2008	60	73	11	5	

Total 369

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