

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

Open Flow **SI**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
5/21/2008

API No. 15
023-20561-0000

Company Rosewood Resources, Inc.		Lease Zimbelman		Well Number 1-24	
County Cheyenne	Location NESW	Section 24	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 9-10-2004		Plug Back Total Depth 1496'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1539'	Perforations 1326'	To 1364'
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="radio"/> No flowing	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1364'		Pressure Taps Flange		Gas Gravity - G _g .6	
Pressure Buildup: Shut in 5-21 20 08 at 8:40		(AM) (PM) Taken 5-22 20 08 at 9:15		(AM) (PM)	
Well on Line: Started 5-22 20 08 at 9:15		(AM) (PM) Taken 5-23 20 08 at 9:40		(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 ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						70	84.4				
Flow						195	209.4			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 _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						30		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_g)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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	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 12 day of December, 20 08

Witness (if any)

For Commission

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 29 2009
CONSERVATION DIVISION
WICHITA KS

Wayne Mahan
For Company

Checked by

RECEIVED

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 Zimbelman 1-24 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

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 29 2009

CONSERVATION DIVISION
WICHITA, KS

Signature: Wayne Malar

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

SEP 18 2009

KCC WICHITA

W380
 Zimbelman 01-24
 St. Francis
 St. Francis
 None
 May-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
5/1/2008		85	30	0	
5/2/2008	70	85	30	0	
5/3/2008		84	30	0	
5/4/2008		85	30	0	
5/5/2008		85	30	0	
5/6/2008		85	30	0	
5/7/2008		84	30	0	
5/8/2008	70	83	30	0	
5/9/2008		83	30	0	
5/10/2008		83	30	0	
5/11/2008		83	30	0	
5/12/2008		84	30	0	
5/13/2008		83	30	0	
5/14/2008		84	30	0	
5/15/2008	70	85	30	0	
5/16/2008		83	30	0	
5/17/2008		84	30	0	
5/18/2008		85	30	0	
5/19/2008		83	30	0	
5/20/2008		83	30	0	
5/21/2008		79	29	0	
5/22/2008	70	80	29	0	shut in for test
5/23/2008	195	67	7	0	open
5/24/2008		96	41	0	
5/25/2008		84	33	0	
5/26/2008		84	33	0	
5/27/2008		72	31	0	
5/28/2008		70	3	0	
5/29/2008		159	0	0	
5/30/2008		93	47	0	
5/31/2008		90	36	0	

Total

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 29 2009
 CONSERVATION DIVISION
 WICHITA KS

RECEIVED
 SEP 18 2009
 KCC WICHITA

W380
 Zimbelman 01-24
 St. Francis
 St. Francis
 None
 June-08

DATE	Casing		MCF	HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN		
6/1/2008		88		33	0	
6/2/2008		87		32	0	
6/3/2008		87		32	0	
6/4/2008		70		31	0	
6/5/2008		69		31	0	
6/6/2008		68		31	0	
6/7/2008		70		30	0	
6/8/2008		70		30	0	
6/9/2008		71		30	0	
6/10/2008		73		30	0	
6/11/2008		77		30	0	
6/12/2008		75		30	0	
6/13/2008		77		30	0	
6/14/2008		78		30	0	
6/15/2008		80		30	0	
6/16/2008		76		30	0	
6/17/2008		76		30	0	
6/18/2008		73		30	0	
6/19/2008		73		29	0	
6/20/2008		72		30	0	
6/21/2008		73		30	0	
6/22/2008		72		30	0	
6/23/2008		74		30	0	
6/24/2008		72		30	0	
6/25/2008		78		29	0	
6/26/2008		78		29	0	
6/27/2008		72		29	0	
6/28/2008		70		30	0	
6/29/2008		70		29	0	
6/30/2008		70		30	0	
7/1/2008					0	

Total

RECEIVED
 KANSAS CORPORATION COMMISSION

JAN 29 2009

CONSERVATION DIVISION
 WICHITA, KS

RECEIVED
 SEP 18 2009

KCC WICHITA

W380
 Zimbelman 01-24
 St. Francis
 St. Francis
 None
 July-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
7/1/2008	57	70		29	0
7/2/2008		75		29	0
7/3/2008		71		29	0
7/4/2008		71		29	0
7/5/2008		80		29	0
7/6/2008		82		29	0
7/7/2008	67	80		29	0
7/8/2008		75		29	0
7/9/2008		72		29	0
7/10/2008		73		29	0
7/11/2008		81		29	0
7/12/2008		72		29	0
7/13/2008		72		29	0
7/14/2008		176		29	11
7/15/2008		113		26	0
7/16/2008	80	92		31	0
7/17/2008		77		30	0
7/18/2008		98		30	0
7/19/2008		66		30	0
7/20/2008		66		29	0
7/21/2008		73		29	0
7/22/2008		73		29	0
7/23/2008		96		29	0
7/24/2008	80	92		29	0
7/25/2008		64		29	0
7/26/2008		60		29	0
7/27/2008		70		29	0
7/28/2008		61		29	0
7/29/2008		61		29	0
7/30/2008		140		29	0
7/31/2008	55	66		28	5

Total

RECEIVED
 KANSAS CORPORATION COMMISSION

JAN 29 2009
 CONSERVATION DIVISION
 WICHITA, KS

RECEIVED
 SEP 18 2009
 KCC WICHITA