

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **SE**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
7/14/2009

API No. 15
023-20565-00 **00**

Company Rosewood Resources, Inc.		Lease Zweygardt		Well Number 1-24	
County Cheyenne	Location SWNE	Section 24	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 7-10-2004		Plug Back Total Depth 1368'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1411'	Perforations 1216'	To 1254'
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? <input checked="" type="checkbox"/> Yes / No Pumping Unit	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1254'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7-14 20 09 at 9:30 (AM) (PM)		Taken 7-15 20 09 at 9:45 (AM) (PM)			
Well on Line: Started 7-15 20 09 at 9:45 (AM) (PM)		Taken 7-16 20 09 at 10:30 (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						50	64.4				
Flow						150	164.4				

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _c) 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
						31		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_a)² = 0.207 : (P_o)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: $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2}$	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 18 day of November, 20 09.

Witness (if any)

For Commission

Tom W. Roelf

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.

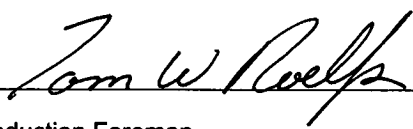
I hereby request a one-year exemption from open flow testing for the Zweygardt 1-24 gas well on the grounds that said well:

(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: 11/18/09

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.

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Zweygardt 01-24

St. Francis

St. Francis

None

July-09

FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
7/1/2009			56	30			0	
7/2/2009			56	30			0	
7/3/2009			56	29			0	
7/4/2009			56	29			0	
7/5/2009			56	29			0	
7/6/2009			56	30			0	
7/7/2009			60	30			0	
7/8/2009			132	27			6	
7/9/2009			77	17			0	
7/10/2009			52	34			0	
7/11/2009			50	31			0	
7/12/2009			51	31			0	
7/13/2009			52	30			0	
7/14/2009			52	30			0	
7/15/2009		50	54	30			0	shut in a well for test
7/16/2009		150	59	8			0	opened
7/17/2009			55	36			0	
7/18/2009			53	43			0	
7/19/2009			56	41			0	
7/20/2009			74	33			7	
7/21/2009			73	35			0	
7/22/2009			59	33			0	
7/23/2009			55	32			0	
7/24/2009			55	32			0	
7/25/2009			55	32			0	
7/26/2009			55	32			0	
7/27/2009			54	32			4	
7/28/2009			52	32			0	
7/29/2009			61	31			0	
7/30/2009			66	31			0	
7/31/2009			59	31			0	

Total

951

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 Zweygartdt 01-24
 St. Francis
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 None
 August-09
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DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
8/1/2009			57	31	0	0	0	0	
8/2/2009			57	31	0	0	0	0	
8/3/2009			62	31	0	0	0	0	
8/4/2009			54	31	0	0	0	0	
8/5/2009			54	31	0	0	0	0	
8/6/2009			76	30	0	0	0	0	
8/7/2009			55	31	0	0	0	0	
8/8/2009			54	31	0	0	0	0	
8/9/2009			54	31	0	0	0	0	
8/10/2009			54	31	0	0	0	0	
8/11/2009			53	31	0	0	0	0	0 PU OFF
8/12/2009			50	31	0	0	0	0	
8/13/2009			48	30	0	0	0	0	
8/14/2009			50	31	0	0	0	0	
8/15/2009			51	31	0	0	0	0	
8/16/2009			52	30	0	0	0	0	
8/17/2009			124	24	0	0	0	0	
8/18/2009			125	28	0	0	0	0	
8/19/2009			124	28	0	0	0	0	
8/20/2009			51	34	0	0	0	0	
8/21/2009			51	32	0	0	0	0	
8/22/2009			124	28	0	0	0	0	
8/23/2009			93	34	0	0	0	0	
8/24/2009			51	32	0	0	0	0	
8/25/2009			52	24	0	0	0	0	
8/26/2009			52	26	0	0	0	0	
8/27/2009			50	30	0	0	0	0	
8/28/2009			53	30	0	0	0	0	
8/29/2009			54	30	0	0	0	0	
8/30/2009			69	30	0	0	0	0	
8/31/2009			54	30	0	0	0	0	

Total

933

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 St. Francis
 St. Francis
 None
 September-09
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DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs
9/1/2009			53	30			0	
9/2/2009			57	29			0	
9/3/2009			38	46			0	
9/4/2009			57	29			6	
9/5/2009			56	30			0	
9/6/2009			55	29			0	
9/7/2009			55	29			0	
9/8/2009			55	29			0	
9/9/2009			57	29			0	
9/10/2009			53	29			0	
9/11/2009			51	29			0	
9/12/2009			50	29			0	
9/13/2009			56	29			0	
9/14/2009			86	29			0	
9/15/2009			51	29			0	
9/16/2009			49	29			0	
9/17/2009			48	29			0	
9/18/2009			48	29			0	
9/19/2009			48	29			0	
9/20/2009			49	29			0	
9/21/2009			47	29			0	
9/22/2009			47	26			0	
9/23/2009			48	25			0	
9/24/2009			46	29			0	
9/25/2009			64	20			0	
9/26/2009			100	33			0	
9/27/2009			84	28			0	
9/28/2009			76	28			0	
9/29/2009			53	28			0	
9/30/2009			104	18			8	
10/1/2009							0	

Total

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