

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **ASL**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
3/17/2009

API No. 15
023-21074-00 **00**

Company Rosewood Resources, Inc.		Lease Zweygardt		Well Number 44-10	
County Cheyenne	Location SESE	Section 10	TWP 3S	Range (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 10/19/2008		Plug Back Total Depth 1618'	Packer Set at		
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 6.366	Set at 1618'	Perforations 1386'	To 1416'
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 flowing		
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6	
Vertical Depth(H) 5360'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 3-17 20 09 at 4:15 (AM) <input checked="" type="checkbox"/> (PM)		Taken 3-18 20 09 at 4:30 (AM) <input checked="" type="checkbox"/> (PM)			
Well on Line: Started 3-18 20 09 at 4:30 (AM) <input checked="" type="checkbox"/> (PM)		Taken 3-19 20 09 at 5:15 (AM) <input checked="" type="checkbox"/> (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						310	324.4				
Flow						250	264.4				

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _a) 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
						36		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207
(P_o)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 _o) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _o 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 Mcf/d @ 14.65 psia Deliverability Mcf/d @ 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 31 day of December, 20 09.

Witness (if any)

For Commission

Wayne Inshan

For Company

Checked by

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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 Zweygardt 44-10 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: 12/31/09

Signature: Wayne Jorston

Title: Assistant 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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W2602

Zweygardt 44-10

St. Francis

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None

March-09

DATE	Casing		SPM	HRS	Water	REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF		CYCLIDOWN	BBLs	
3/1/2009		163	29		0	
3/2/2009		164	29		0	
3/3/2009		164	29		0	
3/4/2009		163	31		0	
3/5/2009		163	32		0	
3/6/2009		164	31		0	
3/7/2009		164	31		0	
3/8/2009		165	26		0	
3/9/2009		164	27		0	
3/10/2009		163	29		0	
3/11/2009		164	29		0	
3/12/2009		163	28		0	
3/13/2009		164	30		2	
3/14/2009		164	30		0	
3/15/2009		163	30		0	
3/16/2009		163	30		0	
3/17/2009	310	163	0		24	
3/18/2009		163	0		24	
3/19/2009	250	163	30		0	
3/20/2009		162	30		0	
3/21/2009		162	30		0	
3/22/2009		162	31		0	
3/23/2009		163	31		0	
3/24/2009		163	31		0	
3/25/2009		164	25		0	
3/26/2009		163	29		0	
3/27/2009		163	29		0	
3/28/2009		163	29		0	
3/29/2009		163	30		0	
3/30/2009		163	28		0	
3/31/2009		163	28		0	

Total

852

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Zweygardt 44-10

St. Francis

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None

April-09

DATE	Casing PSI	STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
4/1/2009		163	29	0	0	0	0
4/2/2009		163	29	0	0	0	0
4/3/2009		162	29	0	0	0	0
4/4/2009		163	33	0	0	0	0
4/5/2009		164	32	0	0	0	0
4/6/2009		162	29	0	0	0	0
4/7/2009		162	32	0	0	0	0
4/8/2009		161	33	0	0	0	0
4/9/2009		164	33	0	0	0	0
4/10/2009		162	31	0	0	0	0
4/11/2009		162	34	0	0	0	0
4/12/2009		162	33	0	0	0	0
4/13/2009		162	33	0	0	0	0
4/14/2009		162	34	0	0	0	0
4/15/2009		162	34	0	0	0	0
4/16/2009		162	34	0	0	0	0
4/17/2009		162	35	0	0	0	0
4/18/2009		162	34	0	0	0	0
4/19/2009		161	35	0	0	0	0
4/20/2009		162	36	0	0	0	0
4/21/2009		162	36	0	0	0	0
4/22/2009		162	36	0	0	0	0
4/23/2009		161	36	0	0	0	0
4/24/2009		161	36	0	0	0	0
4/25/2009		162	36	0	0	0	0
4/26/2009		162	34	0	0	0	0
4/27/2009		161	36	0	0	0	0
4/28/2009		161	33	0	0	0	0
4/29/2009		160	37	0	0	0	0
4/30/2009		161	37	0	0	0	0
5/1/2009					0	0	

Total

1009

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Zweygardt 44-10

St. Francis

St. Francis

None

May-09

DATE	Casing		SPM	CYCLE	HRS DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF					
5/1/2009	161	37	0	0	0	0	
5/2/2009	161	37	0	0	0	0	
5/3/2009	161	37	0	0	0	0	
5/4/2009	161	37	0	0	0	0	
5/5/2009	160	37	0	0	0	0	0 bp
5/6/2009	161	36	0	0	0	0	
5/7/2009	161	36	0	0	0	0	
5/8/2009	161	35	0	0	0	0	
5/9/2009	162	36	0	0	0	0	
5/10/2009	162	36	0	0	0	0	
5/11/2009	161	36	0	0	0	0	
5/12/2009	161	36	0	0	0	0	0 bp
5/13/2009	162	36	0	0	0	0	
5/14/2009	161	36	0	0	0	0	
5/15/2009	161	36	0	0	0	0	
5/16/2009	161	36	0	0	0	0	
5/17/2009	161	36	0	0	0	0	
5/18/2009	160	36	0	0	0	0	
5/19/2009	161	36	0	0	0	0	
5/20/2009	161	35	0	0	0	0	
5/21/2009	161	36	0	0	0	0	
5/22/2009	161	36	0	0	0	0	
5/23/2009	161	36	0	0	0	0	
5/24/2009	161	36	0	0	0	0	
5/25/2009	161	36	0	0	0	0	
5/26/2009	161	36	0	0	0	0	
5/27/2009	160	36	0	0	0	0	
5/28/2009	160	36	0	0	0	0	0 bp
5/29/2009	161	36	0	0	0	0	
5/30/2009	160	36	0	0	0	0	
5/31/2009	161	36	0	0	0	0	

Total

1119

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