

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **ASL**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
5/9/2011

API No. 15
023-21270-00-∞

Company Rosewood Resources, Inc.		Lease Zweygardt		Well Number 42-24	
County Cheyenne	Location SENE	Section 24	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 10/3/2010		Plug Back Total Depth 1376'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 6.366	Set at 1413'	Perforations 1184'	To 1214'
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 <input type="radio"/>	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1425'		Pressure Taps Flange		Gas Gravity - G _g .6	
Pressure Buildup: Shut In 5-8		20 11 at 5:55		(AM) (PM) Taken 5-9	
Well on Line: Started 5-9		20 11 at 6:10		(AM) (PM) Taken 5-10	

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 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						145	159.4				
Flow						100	114.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _o) (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 (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						25		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_o)² = _____ : (P_w)² = _____ : P_o = _____ % (P_c - 14.4) + 14.4 = _____ : (P_o)² = 0.207
(P_o)² = _____


(P _o) ² - (P _w) ² or (P _o) ² - (P _o) ²	(P _o) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _o 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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_o^2}$	Backpressure Curve Slope = "n" ----- 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 28 day of December, 20 11.

Witness (if any)

For Commission


For Company
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Checked by _____

APR 24 2012

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.

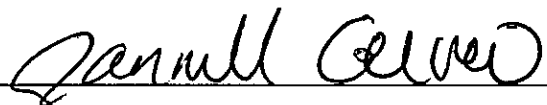
I hereby request a one-year exemption from open flow testing for the Zweygardt 42-24 gas well on the grounds that said well:

(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: 12/28/11

Signature: 
Title: Production Assistant

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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W2745

Zweygart 42-247

St. Francis

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Flow

May-11

FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLEDOWN	Water BBLs	REMARKS (Maximum length 110 characters)
5/1/2011		106	119	26				
5/2/2011		107	120	26				
5/3/2011		106	119	26				
5/4/2011		104	118	26				
5/5/2011		105	118	26				
5/6/2011		107	120	26				
5/7/2011		107	120	26				
5/8/2011		154	167	26				
5/9/2011		145	158	0		24		Compressor Down
5/10/2011		125	138	25				
5/11/2011		106	119	26				
5/12/2011		103	116	26				
5/13/2011		101	114	25				
5/14/2011		101	114	25				
5/15/2011		100	113	25				
5/16/2011		100	113	25				
5/17/2011		100	113	25				
5/18/2011		103	116	25				
5/19/2011		102	115	26				
5/20/2011		102	115	26				
5/21/2011		102	115	25				
5/22/2011		112	125	25				
5/23/2011		102	115	25				
5/24/2011		100	113	25				
5/25/2011		100	113	25				
5/26/2011		100	113	24				
5/27/2011		101	114	25				
5/28/2011		100	113	25				
5/29/2011		102	115	25				
5/30/2011		105	118	25				
5/31/2011		100	113	25				

Total

761

0

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Zweygardt 42-24

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Flow

June-11

FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
6/1/2011		109	122	25				
6/2/2011		101	114	25				
6/3/2011		100	113	24				
6/4/2011		102	115	24				
6/5/2011		101	114	24				
6/6/2011		102	115	24				
6/7/2011		99	112	24				
6/8/2011		98	111	24				
6/9/2011		99	112	24				
6/10/2011		98	111	24				
6/11/2011		100	113	23				
6/12/2011		99	112	23				
6/13/2011		100	113	23				
6/14/2011		99	112	23				
6/15/2011		98	111	23				
6/16/2011		101	114	23				
6/17/2011		97	110	23				
6/18/2011		96	109	23				
6/19/2011		98	111	23				
6/20/2011		96	109	23				
6/21/2011		99	112	23				
6/22/2011		99	112	23				
6/23/2011		107	120	23		1		
6/24/2011		97	110	23				
6/25/2011		99	112	23				
6/26/2011		98	111	23				
6/27/2011		98	111	23				
6/28/2011		97	110	23				
6/29/2011		98	111	23				
6/30/2011		98	111	22				
7/1/2011								

Total

701

0

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Zweygardt 42-24

St. Francis

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Flow

July-11

FloBoss

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI					
7/1/2011		100	113	22			
7/2/2011		88	101	22			
7/3/2011		88	101	22			
7/4/2011		88	101	22			
7/5/2011		99	112	22			
7/6/2011		95	108	22			
7/7/2011		97	110	22			
7/8/2011		98	111	22			
7/9/2011		96	109	22			
7/10/2011		98	111	22			
7/11/2011		97	110	22			
7/12/2011		94	110	22			
7/13/2011		89	102	22		1	
7/14/2011		97	110	21			
7/15/2011		86	99	22			
7/16/2011		86	100	21			
7/17/2011		90	103	21			
7/18/2011		106	119	21			
7/19/2011		98	111	21		2	
7/20/2011		96	109	21			
7/21/2011		101	114	21			
7/22/2011		94	107	22			
7/23/2011		95	108	22			
7/24/2011		91	104	21			
7/25/2011		95	108	21			
7/26/2011		92	105	21			
7/27/2011		90	103	21			
7/28/2011		93	106	21			
7/29/2011		97	110	21			
7/30/2011		93	92	21			
7/31/2011		81	94	21			

Total

667

0

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