

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

Open Flow **RST**
 Deliverability

Test Date:
5/9/2011

API No. 15
023-21261-00 - 00

Company Rosewood Resources, Inc.			Lease Zweygardt		Well Number 24-19
County Cheyenne	Location SESW	Section 19	TWP 3S	RNG (E/W) 40W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 9/15/2010		Plug Back Total Depth 1465'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 6.366	Set at 1503'	Perforations 1266'	To 1296'
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 type="checkbox"/> No <input checked="" type="checkbox"/>	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	Gas Gravity - G _s .6
Vertical Depth(H) 1515'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut In 5-8		20 11 at 6:10		(AM) (PM) Taken 5-9	
Well on Line: Started 5-9		20 11 at 6:25		(AM) (PM) Taken 5-10	
				20 11 at 6:45	

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						225	239.4				
Flow						218	232.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (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
						60		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _c) ² - (P _w) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _w 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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_d^2}$	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

Samuel C. [Signature]
For Company
RECEIVED
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.

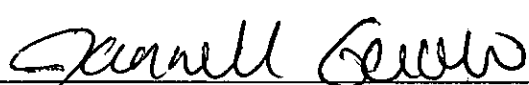
I hereby request a one-year exemption from open flow testing for the Zweygardt 24-19 gas well on the grounds that said well:

(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.

RECEIVED

APR 24 2012

KCC WICHITA

W2742
 Zwegardt 24-19
 St. Francis
 St. Francis
 Flow
 May-11
 FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
5/1/2011		225	155	63				
5/2/2011		225	155	63				
5/3/2011		219	154	63				
5/4/2011		219	155	63				
5/5/2011		210	155	63				
5/6/2011		210	154	63				
5/7/2011		215	154	64				
5/8/2011		217	157	64				
5/9/2011		225	144	0		24		Compressor Down
5/10/2011		225	155	24				
5/11/2011		225	155	57				
5/12/2011		225	155	60				
5/13/2011		225	155	60				
5/14/2011		225	155	60				
5/15/2011		225	155	60				
5/16/2011		225	141	60				
5/17/2011		226	154	60				
5/18/2011		226	155	60				
5/19/2011		225	155	60				
5/20/2011		225	154	60				
5/21/2011		225	154	60				
5/22/2011		225	154	57				
5/23/2011		224	154	59				
5/24/2011		224	154	61				
5/25/2011		220	154	61				
5/26/2011		216	154	61				
5/27/2011		216	154	60				
5/28/2011		217	154	60				
5/29/2011		218	154	60				
5/30/2011		218	154	60				
5/31/2011		218	154	60				

Total

1786

0

RECEIVED
 APR 24 2012
 KCC WICHITA

W2742
 Zweygardt 24-19
 St. Francis
 St. Francis
 Flow
 June-11
 FloBoss

DATE	Tubing PSI	Casing PSI	STATIC MCF	SPM	CYCLE DOWN	HRS	Water BBLs	REMARKS (Maximum length 110 characters)
6/1/2011		218	154	60				
6/2/2011		218	154	60				
6/3/2011		218	154	61				
6/4/2011		218	153	61				
6/5/2011		218	153	61				
6/6/2011		218	153	61				
6/7/2011		218	153	61				
6/8/2011		218	154	61				
6/9/2011		218	154	61				
6/10/2011		218	154	61				
6/11/2011		218	153	61				
6/12/2011		218	153	61				
6/13/2011		214	154	61				
6/14/2011		210	153	61				
6/15/2011		210	153	61				
6/16/2011		210	153	60				
6/17/2011		210	153	60				
6/18/2011		210	153	60				
6/19/2011		210	153	60				
6/20/2011		210	153	60				
6/21/2011		210	153	60				
6/22/2011		210	153	60				
6/23/2011		210	153	53		1		
6/24/2011		208	153	59				
6/25/2011		208	152	59				
6/26/2011		208	153	60				
6/27/2011		208	153	60				
6/28/2011		208	153	60				
6/29/2011		208	152	60				
6/30/2011		208	152	60				
7/1/2011								

Total

1804

0

RECEIVED
 APR 24 2012
 KCC W/CHITA

W2742
 Zwegardt 24-19
 St. Francis
 St. Francis
 Flow
 July-11
 FloBoss

DATE	Tubing Casing		STATIC MCF	SPM	CYCLE DOWN	HRS	Water BLS	REMARKS (Maximum length 110 characters)
	PSI	PSI						
7/1/2011		139	152	61				
7/2/2011		100	113	61				
7/3/2011		100	113	61				
7/4/2011		101	114	61				
7/5/2011		139	152	61				
7/6/2011		140	153	61				
7/7/2011		139	152	61				
7/8/2011		139	152	61				
7/9/2011		139	152	61				
7/10/2011		137	150	61				
7/11/2011		136	149	61				
7/12/2011		134	147	59				
7/13/2011		130	143	58			1	
7/14/2011		131	144	57				
7/15/2011		98	111	57				
7/16/2011		98	111	56				
7/17/2011		100	113	56				
7/18/2011		134	147	56				
7/19/2011		127	140	54			2	
7/20/2011		126	139	54				
7/21/2011		129	142	53				
7/22/2011		126	137	53				
7/23/2011		123	136	53				
7/24/2011		122	135	53				
7/25/2011		122	135	53				
7/26/2011		121	134	53				
7/27/2011		120	133	52				
7/28/2011		121	134	52				
7/29/2011		131	144	50				
7/30/2011		121	134	52				
7/31/2011		120	133	52				

Total

1754

0

RECEIVED
 APR 24 2012
 KCC WICHITA