

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

Open Flow **RSI**
 Deliverability

Test Date:
5/9/2011

API No. 15
023-21257-00 -00

Company Rosewood Resources, Inc.		Lease Zweygardt		Well Number 22-19	
County Cheyenne	Location SENW	Section 19	TWP 3S	RNG (E/W) 40W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 11/11/10		Plug Back Total Depth 1475'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 6.366	Set at 1513'	Perforations 1296'	To 1326'
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="checkbox"/> No	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1525'		Pressure Taps Flange		Gas Gravity - G _g .6 (Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 5-8		20 11 at 5:00		(AM) (PM) Taken 5-9	
Well on Line: Started 5-9		20 11 at 5:15		(AM) (PM) Taken 5-10	
				20 11 at 5:15 (AM) (PM)	
				20 11 at 5:30 (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 _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						148	162.4				
Flow						138	152.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _d) (F _v) 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
						35		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_e)² = 0.207

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

(P _e) ² - (P _w) ² or (P _e) ² - (P _d) ²	Choose formula 1 or 2: 1. P _c ² - P _d 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: 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 28 day of December, 20 11

Witness (if any)

For Commission

Samuel Colver
For Company

Checked by

RECEIVED

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 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: 12/28/11

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

W2739
 Zweygardt 22-19
 St. Francis
 St. Francis
 Flow
 May-11
 FloBoss

DATE	Tubing Casing		STATIC MCF	SPM	CYCLIDOWN	HRS	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI						
5/1/2011		143	156	37				
5/2/2011		143	156	37				
5/3/2011		143	156	37				
5/4/2011		142	156	37				
5/5/2011		142	156	37				
5/6/2011		142	155	37				
5/7/2011		142	155	37				
5/8/2011		143	158	37				
5/9/2011		148	161	0		24		Compressor Down
5/10/2011		145	158	19				
5/11/2011		143	156	34				
5/12/2011		142	155	36				
5/13/2011		142	155	36				
5/14/2011		142	155	36				
5/15/2011		141	154	36				
5/16/2011		141	154	36				
5/17/2011		141	154	36				
5/18/2011		141	154	36				
5/19/2011		141	154	36				
5/20/2011		140	153	36				
5/21/2011		140	153	36				
5/22/2011		140	153	34				
5/23/2011		140	153	35				
5/24/2011		139	152	35				
5/25/2011		139	152	35				
5/26/2011		139	152	35				
5/27/2011		139	152	35				
5/28/2011		138	151	35				
5/29/2011		138	151	35				
5/30/2011		138	151	35				
5/31/2011		138	151	35				

Total

1058

0

RECEIVED
 APR 24 2012
 KCC WICHITA

W2739
 Zweygardt 22-19
 St. Francis
 St. Francis
 Flow
 June-11
 FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLEDOWN	Water BBLs	REMARKS (Maximum length 110 characters)
6/1/2011		138	151	34				
6/2/2011		137	150	34				
6/3/2011		137	150	35				
6/4/2011		137	150	34				
6/5/2011		137	150	35				
6/6/2011		137	150	34				
6/7/2011		136	149	34				
6/8/2011		136	149	34				
6/9/2011		136	149	34				
6/10/2011		136	149	34				
6/11/2011		135	148	34				
6/12/2011		135	148	34				
6/13/2011		135	148	34				
6/14/2011		135	148	34				
6/15/2011		135	148	34				
6/16/2011		135	148	33				
6/17/2011		134	147	34				
6/18/2011		134	147	34				
6/19/2011		134	147	33				
6/20/2011		134	147	34				
6/21/2011		133	146	34				
6/22/2011		133	146	33				
6/23/2011		134	147	29		1		
6/24/2011		133	146	33				
6/25/2011		133	146	33				
6/26/2011		133	146	33				
6/27/2011		133	146	33				
6/28/2011		133	146	33				
6/29/2011		133	146	33				
6/30/2011		133	146	33				
7/1/2011								

Total

1007

0

RECEIVED
 APR 24 2012
 KCC WICHITA

W2739

Zweygardt 22-19

St. Francis

St. Francis

Flow

July-11

FloBoss

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS
	PSI	PSI					Maximum length 110 characters
7/1/2011		132	145	33			
7/2/2011		132	145	33			
7/3/2011		132	145	33			
7/4/2011		132	145	33			
7/5/2011		132	145	33			
7/6/2011		131	144	33			
7/7/2011		131	144	33			
7/8/2011		131	144	33			
7/9/2011		131	144	33			
7/10/2011		131	144	33			
7/11/2011		130	143	33			
7/12/2011		130	143	33			
7/13/2011		130	143	33		1	
7/14/2011		130	143	32			
7/15/2011		130	143	33			
7/16/2011		130	143	32			
7/17/2011		130	143	32			
7/18/2011		130	143	32			
7/19/2011		129	142	31		2	
7/20/2011		129	142	32			
7/21/2011		129	142	31			
7/22/2011		129	142	32			
7/23/2011		129	142	32			
7/24/2011		128	141	32			
7/25/2011		128	141	32			
7/26/2011		128	141	32			
7/27/2011		128	141	32			
7/28/2011		128	141	32			
7/29/2011		128	141	30			
7/30/2011		128	141	31			
7/31/2011		127	140	31			

Total

1000

0

RECEIVED
APR 24 2012
KCC WICHITA