Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: ☒ SI
☐ Open Flow
☐ Deliverabilty

(See Instructions on Reverse Side)

Test Date: 5/9/2011

API No. 15: 023-21255-00-00

Company	Lease	Well Number
Rosewood Resources, Inc.	Zweygardt	13-19

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Cheyenne	NWSW	19	3S	40W	80

Field	Reservoir	Gas Gathering Connection
Cherry Creek	Niobrara	Branch Systems Inc.

Completion Date	Plug Back Total Depth	Packer Set at
11/12/10	1500'	

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
4 1/2"	10.5#	6.366	1500'	1334'	1364'

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
NONE					

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / (No)
Single (Conventional)	Dry Gas	flowing

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
Annulus			.6

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
1515'	Flange	2"

Pressure Buildup: Shut in 5-8 20 11 at 5:10 (AM) (PM) Taken 5-9 20 11 at 5:25 (AM) (PM)

Well on Line: Started 5-9 20 11 at 5:25 (AM) (PM) Taken 5-10 20 11 at 5:40 (AM) (PM)

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_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						133	147.4				
Flow						118	132.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m x h}$	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
						26		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = : $(P_w)^2$ = : P_d = % $(P_c - 14.4) + 14.4$ = : $(P_a)^2$ = 0.207 $(P_d)^2$ =

$(P_c)^2 - (P_a)^2$ 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: $\frac{P_c^2 - P_w^2}{}$	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 Company

For Commission

Checked by

RECEIVED
APR 24 2012
KCC WICHITA

Form G-2
(Rev. 7/03)

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 13-19 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: Jerrell Crew

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.

W2731
Zweygardt 13-19
St. Francis
St. Francis
Flow
May-11
FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLS	REMARKS (Maximum length 110 characters)
5/1/2011		127	140	28					
5/2/2011		128	141	28					
5/3/2011		127	140	28					
5/4/2011		124	138	28					
5/5/2011		126	139	27					
5/6/2011		126	139	27					
5/7/2011		128	158	27					
5/8/2011		146	159	17					
5/9/2011		133	146	0			24		Compressor Down
5/10/2011		144	157	16					
5/11/2011		144	157	30					
5/12/2011		132	145	32					
5/13/2011		126	139	29					
5/14/2011		126	139	28					
5/15/2011		124	137	27					
5/16/2011		123	136	27					
5/17/2011		123	136	27					
5/18/2011		120	133	26					
5/19/2011		121	134	26					
5/20/2011		121	134	26					
5/21/2011		120	133	26					
5/22/2011		126	139	26					
5/23/2011		119	132	26					
5/24/2011		117	130	26					
5/25/2011		118	131	26					
5/26/2011		118	131	26					
5/27/2011		119	132	26					
5/28/2011		118	131	26					
5/29/2011		119	132	26					
5/30/2011		120	133	26					
5/31/2011		117	130	26					
Total				790				0	

W2731
Zweygardt 13-19
St. Francis
St. Francis
Flow
June-11
FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLS	REMARKS (Maximum length 110 characters)
6/1/2011		125	138	26					
6/2/2011		117	130	26					
6/3/2011		116	129	25					
6/4/2011		118	131	25					
6/5/2011		117	130	25					
6/6/2011		117	130	25					
6/7/2011		114	127	25					
6/8/2011		113	126	25					
6/9/2011		115	128	25					
6/10/2011		115	128	25					
6/11/2011		116	129	24					
6/12/2011		115	128	24					
6/13/2011		115	128	24					
6/14/2011		115	128	24					
6/15/2011		114	127	24					
6/16/2011		116	129	24					
6/17/2011		113	126	24					
6/18/2011		115	128	24					
6/19/2011		115	128	24					
6/20/2011		113	126	24					
6/21/2011		115	128	24					
6/22/2011		115	128	24					
6/23/2011		122	135	24			1		
6/24/2011		113	126	24					
6/25/2011		114	127	24					
6/26/2011		112	125	24					
6/27/2011		113	126	24					
6/28/2011		112	125	24					
6/29/2011		112	125	24					
6/30/2011		111	124	24					
7/1/2011									
Total				732				0	

W2731
Zweygardt 13-19
St. Francis
St. Francis
Flow
July-11
FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLS	REMARKS (Maximum length 110 characters)
7/1/2011		113	126	24					
7/2/2011		110	123	24					
7/3/2011		109	122	24					
7/4/2011		110	123	24					
7/5/2011		113	126	24					
7/6/2011		108	121	24					
7/7/2011		110	123	24					
7/8/2011		111	124	24					
7/9/2011		109	122	24					
7/10/2011		111	124	23					
7/11/2011		110	123	23					
7/12/2011		108	121	23					
7/13/2011		103	116	23			1		
7/14/2011		110	123	22					
7/15/2011		108	121	23					
7/16/2011		108	121	23					
7/17/2011		110	123	23					
7/18/2011		120	133	23					
7/19/2011		110	123	23			2		
7/20/2011		108	121	23					
7/21/2011		114	127	23					
7/22/2011		106	119	22					
7/23/2011		107	120	22					
7/24/2011		105	118	23					
7/25/2011		108	121	23					
7/26/2011		106	119	23					
7/27/2011		104	117	22					
7/28/2011		107	120	22					
7/29/2011		111	124	22					
7/30/2011		108	121	23					
7/31/2011		109	122	22					
Total				715				0	