

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **SI**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
7/14/2009

API No. 15
023-20793-01 **∞**

Company Rosewood Resources, Inc.		Lease Zweygardt		Well Number 34-19H	
County Cheyenne	Location SWSE	Section 19	TWP 3S	RNG (E/W) 40W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 7/30/2007		Plug Back Total Depth 4241'	Packer Set at		
Casing Size 7"	Weight 23#	Internal Diameter 6.366	Set at 1622'	Perforations 1622' MD	To 424' MD Open Hole
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations Open Hole	To
Type Completion (Describe) Single (Horizontal)		Type Fluid Production Dry Gas	Pump Unit or Traveling Plunger? Yes / No		
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6	
Vertical Depth(H) 1338'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7-13 20 09 at 9:50 (AM) (PM) Taken 7-14 20 09 at 10:05 (AM) (PM)					
Well on Line: Started 7-14 20 09 at 10:05 (AM) (PM) Taken 7-15 20 09 at 10:50 (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P _m)	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						50	64.4				
Flow						170	184.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (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
						68		

(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 = _____

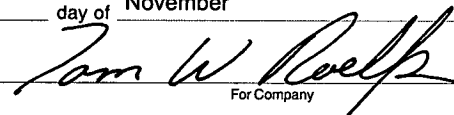
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n 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 19 day of November, 20 09

Witness (if any)

For Commission


For Company

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Checked by _____

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.

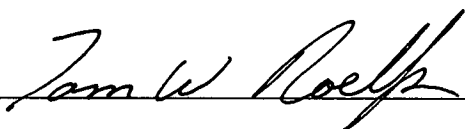
I hereby request a one-year exemption from open flow testing for the Zweygardt 34-19H gas well on the grounds that said well:

(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: 11/19/09

Signature: 
Title: 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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W2410
 Zweygartd 34-19H
 St. Francis
 St. Francis
 Flow
 July-09

DATE	Tubing	Casing				HRS	Water	REMARKS (Maximum length 110 characters)
	PSI	PSI	STATIC	MCF	SPM	CYCLE DOWN	BBLs	
7/1/2009			72	67			0	
7/2/2009			73	67			0	
7/3/2009			73	67			0	
7/4/2009			73	67			0	
7/5/2009			72	67			0	
7/6/2009			72	67			0	
7/7/2009			73	67			0	
7/8/2009			172	48			6	
7/9/2009			92	42			3	
7/10/2009			73	67			0	
7/11/2009			72	67			0	
7/12/2009			66	70			0	
7/13/2009			73	67			0	
7/14/2009			64	68			0	shut in for test 50psi
7/15/2009			52	1			0	open 170
7/16/2009			67	102			0	
7/17/2009			68	74			0	
7/18/2009			68	74			0	
7/19/2009			72	72			0	
7/20/2009			71	55			7	
7/21/2009			71	55			0	
7/22/2009			68	64			0	
7/23/2009			68	64			0	
7/24/2009			68	67			0	
7/25/2009			71	66			0	
7/26/2009			68	64			0	
7/27/2009			67	64			4	
7/28/2009			67	68			0	
7/29/2009			71	68			0	
7/30/2009			76	61			0	
7/31/2009			74	66			0	

Total

1983

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W2410
 Zwegardt 34-19H
 St. Francis
 St. Francis
 Flow
 August-09

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
8/1/2009			71		67			0	
8/2/2009			69		67			0	
8/3/2009			70		64			0	
8/4/2009			77		68			0	
8/5/2009			90		68			0	
8/6/2009			68		61			0	
8/7/2009			71		68			0	
8/8/2009			70		68			0	
8/9/2009			71		68			0	
8/10/2009			69		68			0	
8/11/2009			66		68			0	
8/12/2009			64		70			0	
8/13/2009			64		70			0	
8/14/2009			67		69			0	
8/15/2009			70		68			0	
8/16/2009			67		68			0	
8/17/2009			138		53			0	
8/18/2009			137		51			0	
8/19/2009			137		48			0	
8/20/2009			67		57			0	
8/21/2009			71		68			0	
8/22/2009			67		68			4	
8/23/2009			117		62			0	
8/24/2009			68		59			0	
8/25/2009			100		52			4	
8/26/2009			68		66			0	
8/27/2009			68		70			0	
8/28/2009			68		70			0	
8/29/2009			117		68			0	
8/30/2009			70		60			3	
8/31/2009			70		68			0	

Total 2000

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W2410
 Zwegardt 34-19H
 St. Francis
 St. Francis
 Flow
 September-09

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs
9/1/2009		0	69	68	0	0	0	0
9/2/2009		0	69	68	0	0	0	0
9/3/2009		0	72	66	0	0	0	0
9/4/2009		0	102	55	0	0	6	0
9/5/2009		0	73	67	0	0	0	0
9/6/2009		0	71	67	0	0	0	0
9/7/2009		0	71	67	0	0	0	0
9/8/2009		0	71	67	0	0	0	0
9/9/2009		0	73	65	0	0	0	0
9/10/2009		0	69	68	0	0	0	0
9/11/2009		0	67	68	0	0	0	0
9/12/2009		0	66	69	0	0	0	0
9/13/2009		0	73	66	0	0	1.5	0
9/14/2009		0	66	69	0	0	0	0
9/15/2009		0	68	68	0	0	0	0
9/16/2009		0	65	69	0	0	0	0
9/17/2009		0	64	69	0	0	0	0
9/18/2009		0	64	69	0	0	0	0
9/19/2009		0	63	69	0	0	0	0
9/20/2009		0	63	69	0	0	0	0
9/21/2009		0	65	69	0	0	0	0
9/22/2009		0	63	69	0	0	0	0
9/23/2009		0	63	69	0	0	0	0
9/24/2009		0	62	70	0	0	0	0
9/25/2009		0	95	52	0	0	6	0
9/26/2009		0	117	56	0	0	0	0
9/27/2009		0	98	50	0	0	0	0
9/28/2009		0	90	48	0	0	0	0
9/29/2009		0	70	65	0	0	0	0
9/30/2009		0	86	48	0	0	8	0
10/1/2009		0	0	0	0	0	0	0

Total

1939

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