

# KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow  
 Deliverability

Test Date:  
4-20-2006

API No. 15  
181-20492-01 **00**

Company Rosewood Resources, Inc.			Lease Tompkins		Well Number 14-06H
County Sherman	Location SWSW/4	Section 6	TWP 9S	RNG (E/W) <b>10W 39W</b>	Acres Attributed 80
Field Goodland		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 2/11/2007		Plug Back Total Depth 3189	Packer Set at		
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.000	Set at 3189'	Perforations 3122'	To 3137'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Horizontal)		Type Fluid Production Dry Gas	Pump Unit or Traveling Plunger? Yes / <input checked="" type="checkbox"/> No Flowing		
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G <sub>g</sub> .6	
Vertical Depth(H) 3226'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	

Pressure Buildup: Shut in \_\_\_\_\_ 20 \_\_\_\_\_ at \_\_\_\_\_ (AM) (PM) Taken \_\_\_\_\_ 20 \_\_\_\_\_ at \_\_\_\_\_ (AM) (PM)  
Well on Line: Started 4-20 \_\_\_\_\_ 20 07 at 10:00 ( AM) (PM) Taken 4-21 \_\_\_\_\_ 20 07 at 10:15 ( AM) (PM)

### OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (P <sub>m</sub> )	Pressure Differential in Inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>e</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>e</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						52	66.4				
Flow						10	24.4			24	0

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>s</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>
						6		

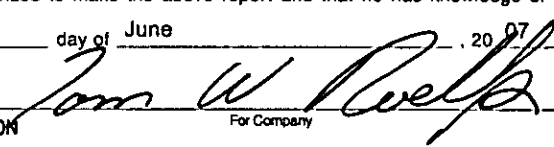
### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>e</sub>)<sup>2</sup> = \_\_\_\_\_ : (P<sub>w</sub>)<sup>2</sup> = \_\_\_\_\_ : P<sub>d</sub> = \_\_\_\_\_ % (P<sub>e</sub> - 14.4) + 14.4 = \_\_\_\_\_ : (P<sub>e</sub>)<sup>2</sup> = 0.207  
(P<sub>d</sub>)<sup>2</sup> = \_\_\_\_\_

(P <sub>e</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup> or (P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. P <sub>e</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> 2. P <sub>e</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>e</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by: $\frac{P_e^2 - P_w^2}{P_e^2 - P_d^2}$	Backpressure Curve Slope = "n" ----- of ----- 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 25 day of June, 2007.

RECEIVED  For Company

Witness (if any) \_\_\_\_\_ For Commission \_\_\_\_\_

JUL 10 2007

Checked by

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.

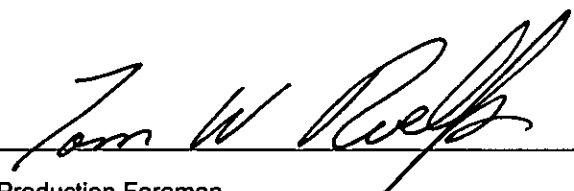
I hereby request a one-year exemption from open flow testing for the Tompkins 14-06H gas well on the grounds that said well:

(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: 6/25/2007

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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JUL 10 2007  
CONSERVATION DIVISION  
WICHITA, KS

DD RESOURCES, INC.

DUCTION REPORT

April | 2007

ORIF: .375 EFM

WELL: ompkins 14-06H

FIELD: S. Goodland

DATE	TUBING PRESSURE	CASING PRESSURE	GATH STATIC	GATH DIFF'L	GATH COEF	GATH MCF	HRS ON	REMARKS
------	-----------------	-----------------	-------------	-------------	-----------	----------	--------	---------

4/1/07  
4/2/07  
4/3/07  
4/4/07  
4/5/07  
4/6/07  
4/7/07  
4/8/07  
4/9/07  
4/10/07  
4/11/07  
4/12/07  
4/13/07  
4/14/07  
4/15/07  
4/16/07  
4/17/07  
4/18/07  
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4/23/07  
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4/26/07  
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4/28/07  
4/29/07  
4/30/07

9 22 10 24  
8 21 10 24  
26 39 4 8  
43 56 0 0  
45 58 0 0  
43 56 0 0  
12 25 8 24  
11 24 7 24  
17 30 7 24  
9 22 6 22

1st Gas 10:00am 25mcf@52#CP

CD2hr

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CONSERVATION DIVISION  
WICHITA, KS

W2422  
 Tompkins 14-06H  
 South Goodland  
 Goodland  
 None  
 May-07

DATE	Casing		HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF	DOWN		
5/1/2007	17	30	6	0	
5/2/2007	35	48	3	17	
5/3/2007	10	23	6	5	
5/4/2007	10	23	6	2	
5/5/2007	15	28	6	3	
5/6/2007	8	21	6	0	
5/7/2007	6	19	6	0	
5/8/2007	6	19	6	0	
5/9/2007	6	19	6	0	
5/10/2007	6	19	6	0	
5/11/2007	5	18	6	0	
5/12/2007	5	18	6	0	
5/13/2007	5	18	6	0	
5/14/2007	5	18	6	0	
5/15/2007	5	18	6	0	
5/16/2007	5	18	5	0	
5/17/2007	5	18	5	0	
5/18/2007	7	20	5	0	
5/19/2007	7	20	5	0	
5/20/2007	40	53	4	8	
5/21/2007	26	39	4	8	
5/22/2007	3	16	1	0	Shut In
5/23/2007	21	34	0	0	Back Online Flow 14
5/24/2007	9	22	6	0	
5/25/2007	9	22	6	0	
5/26/2007	9	22	5	0	
5/27/2007	9	22	5	0	
5/28/2007	9	22	5	0	
5/29/2007	8	21	5	0	
5/30/2007	8	21	5	0	
5/31/2007	8	21	5	0	BP

Total

158

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CONSERVATION DIVISION  
 WICHITA, KS

W2422  
 Tompkins 14-06H  
 South Goodland  
 Goodland  
 None  
 June-07

DATE	Casing		HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF	DOWN		
6/1/2007	9	22	5	0	
6/2/2007	7	20	5	0	
6/3/2007	7	20	5	0	
6/4/2007	6	19	5	0	
6/5/2007	6	19	5	0	
6/6/2007	6	19	5	0	
6/7/2007	6	19	5	0	
6/8/2007	6	19	5	0	
6/9/2007	6	19	5	0	
6/10/2007	6	19	5	0	
6/11/2007	6	19	5	0	
6/12/2007	6	19	5	0	
6/13/2007	6	19	5	0	
6/14/2007	6	19	5	0	
6/15/2007	6	19	5	0	
6/16/2007	6	19	5	0	
6/17/2007	6	19	5	0	
6/18/2007	6	19	5	0	
6/19/2007	6	19	5	0	
6/20/2007	6	19	5	0	
6/21/2007	6	19	5	0	
6/22/2007	5	18	5	0	
6/23/2007	5	18	5	0	
6/24/2007	5	18	5	0	
6/25/2007	5	18	5	0	
6/26/2007	5	18	5	0	
6/27/2007	5	18	5	0	
6/28/2007				0	
6/29/2007				0	
6/30/2007				0	
7/1/2007				0	

Total

135

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