

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

(See Instructions on Reverse Side)

Type Test:

- Open Flow  
 Deliverability

**ASI**

Test Date:  
4/24/2007

API No. 15  
181-20382-01 **00**

Company Rosewood Resources, Inc.		Lease Hanable		Well Number 1-1H	
County Sherman	Location SWSW/4	Section 1	TWP 9S	RNG (E/W) 40W	Acres Attributed 80
Field Goodland		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 2/6/06		Plug Back Total Depth N/A		Packer Set at	
Casing Size 4 1/2"	Weight 15.5#	Internal Diameter 4.000	Set at 2906'	Perforations 2845 - 2860'	To 2330 - 2345'
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 / <b>No</b>	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1010'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 4-24 20 07 at 1:00 (AM) <b>(PM)</b> Taken 4-27 20 07 at 1:15 (AM) <b>(PM)</b>		Well on Line: Started 4-27 20 07 at 1:15 (AM) <b>(PM)</b> Taken 4-28 20 07 at 1:40 (AM) <b>(PM)</b>			

### OBSERVED SURFACE DATA

Duration of Shut-in **72** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter 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>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						39	53.4				
Flow						12	26.4			72	0

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>b</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>
						20		

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

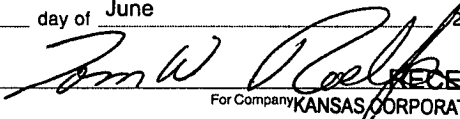
(P<sub>c</sub>)<sup>2</sup> = \_\_\_\_\_ : (P<sub>w</sub>)<sup>2</sup> = \_\_\_\_\_ : P<sub>d</sub> = \_\_\_\_\_ % (P<sub>c</sub> - 14.4) + 14.4 = \_\_\_\_\_ : (P<sub>w</sub>)<sup>2</sup> = 0.207 : (P<sub>d</sub>)<sup>2</sup> = \_\_\_\_\_

(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	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 **June** 20 **07**.

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

  
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For Company KANSAS CORPORATION COMMISSION  
Checked by  
**JUL 10 2007**

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.

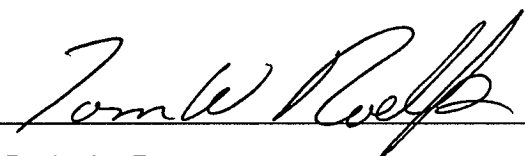
I hereby request a one-year exemption from open flow testing for the Hanable 1-1H gas well on the grounds that said well:

(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: 6/28/2007

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

ROSEWOOD RESOURCES, INC.  
DAILY PRODUCTION REPORT

April | 2007

ORIF: .375 EFM

WELL: Hanabel 1-1H

FIELD: S. Goodland

DATE	TUBING PRESSURE	CASING PRESSURE	GATH STATIC	GATH DIFF'L	GATH COEF	GATH MCF	HRS ON	REMARKS
4/1/07		27	40			29	18	
4/2/07		26	39			34	24	
4/3/07		25	38			32	24	
4/4/07		24	37			33	24	
4/5/07		23	36			33	24	
4/6/07		22	35			34	24	
4/7/07		21	34			32	24	
4/8/07		21	34			30	24	
4/9/07		19	32			30	24	
4/10/07		19	32			30	24	
4/11/07		12	25			19	18	BP
4/12/07		6	19			0	0	SI clean out
4/13/07		7	20			0	0	SI ReDrill
4/14/07		35	48			0	0	
4/15/07		10	23			0	0	
4/16/07		10	23			0	0	
4/17/07		4	17			0	0	
4/18/07		3	16			0	0	
4/19/07		3	16			0	0	online at 6:30pm, 35mcf, 30psi
4/20/07		22	35			20	14	
4/21/07		21	34			33	24	
4/22/07		21	34			33	24	
4/23/07		25	38			19	8	
4/24/07		39	52			0	0	CD2hr
4/25/07		39	52			0	0	CD24HRS
4/26/07		39	52			0	0	
4/27/07		26	39			32	24	
4/28/07		25	38			36	24	
4/29/07		24	37			35	24	
4/30/07		23	36			31	22	

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CONSERVATION DIVISION  
WICHITA, KS

W402  
 Hanable 1-1H  
 South Goodland  
 Goodland  
 None  
 May-07

DATE	Casing		MCF	HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN		
5/1/2007	32	45		39	0	
5/2/2007	35	47		16	17	
5/3/2007	21	34		25	5 BP	
5/4/2007	20	33		31	2	
5/5/2007	20	33		29	3	
5/6/2007	19	32		28	0	
5/7/2007	18	29		29	0	
5/8/2007	16	29		29	0	
5/9/2007	16	29		28	0	
5/10/2007	16	29		27	0	
5/11/2007	15	28		26	0	
5/12/2007	15	28		26	0 BP	
5/13/2007	15	28		26	0	
5/14/2007	14	27		24	0	
5/15/2007	13	26		24	0	
5/16/2007	13	26		24	0	
5/17/2007	12	25		22	0	
5/18/2007	12	25		20	0	
5/19/2007	12	25		20	0	
5/20/2007	38	53		13	8	
5/21/2007	27	40		8	8	
5/22/2007	12	25		14	0	
5/23/2007	12	25		18	0	
5/24/2007	12	25		18	0	
5/25/2007	6	19		17	0 W/O Rig	
5/26/2007	8	21		7	0	
5/27/2007	8	21		11	0	
5/28/2007	8	21		11	0	
5/29/2007	8	21		11	0	
5/30/2007	8	21		11	0	
5/31/2007	8	21		11	0 BP	

Total

643

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JUL 10 2007

CONSERVATION DIVISION  
 WICHITA, KS

W402  
 Hanable 1-1H  
 South Goodland  
 Goodland  
 None  
 June-07

DATE	Casing		HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF	DOWN		
6/1/2007	11	24	2	0	
6/2/2007	12	25	0	0	
6/3/2007	12	25	0	0	
6/4/2007	13	26	0	0	
6/5/2007	13	26	0	0	
6/6/2007	13	26	0	0	
6/7/2007	14	27	0	0	0 Opened back up Flow: 32mcf
6/8/2007	6	19	27	0	
6/9/2007	5	18	27	0	
6/10/2007	5	18	27	0	
6/11/2007	5	18	22	0	
6/12/2007	5	18	21	0	
6/13/2007	4	17	19	0	
6/14/2007	4	17	19	0	
6/15/2007	4	17	16	0	
6/16/2007	4	17	16	0	
6/17/2007	4	17	16	0	
6/18/2007	4	17	13	0	
6/19/2007	4	17	12	0	
6/20/2007	4	17	12	0	
6/21/2007	4	17	12	0	
6/22/2007	3	16	12	0	
6/23/2007	3	16	11	0	
6/24/2007	3	16	11	0	
6/25/2007	3	16	11	0	
6/26/2007	3	16	11	0	
6/27/2007	3	16	10	0	
6/28/2007				0	
6/29/2007				0	
6/30/2007				0	
7/1/2007				0	

Total

327

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