

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

Open Flow **ASL**
 Deliverability

Test Date:
7/22/2008

API No. 15
181-20453-01-00

Company: Rosewood Resources, Inc. Lease: Becker Well Number: 21-14H

County: Sherman Location: SWNE/ Section: **#14** TWP: 7S RNG (E/W): 39W Acres Attributed: 80

Field: Goodland Reservoir: Niobrara Gas Gathering Connection: Branch Systems Inc.

Completion Date: 10/28/2006 Plug Back Total Depth: 3122' Packer Set at:

Casing Size: 4 1/2" Weight: 10.5# Internal Diameter: 4.000 Set at: 3122' Perforations: 3056' To: 3071' **MEASURED FROM SURFACE TO END OF LATERAL**

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 No Flowing

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

Vertical Depth(H): 3178' Pressure Taps: Flange (Meter Run) (Prover) Size: 2"

Pressure Buildup: Shut in 7-22 20 08 at 9:00 (AM) (PM) Taken 7-23 20 08 at 12:30 (AM) (PM)
Well on Line: Started 7-23 20 08 at 12:30 (AM) (PM) Taken 7-24 20 08 at 9:37 (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 _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						27.16	44.4				
Flow						31	45.4			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
						21		

(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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	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 24 day of October, 2008

Witness (if any)

For Commission

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KANSAS CORPORATION COMMISSION
JAN 29 2009
CONSERVATION DIVISION
WICHITA, KS

Tom W. Roelf
For Company

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 Becker 21-14H 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

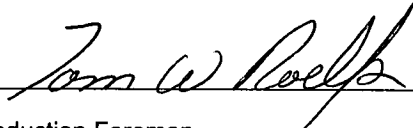
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 10/24/2008

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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.

W2274
 Becker 21-14H
 North Goodland
 Goodland
 None
 July-08

DATE	Casing		MCF	HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN		
7/1/2008	13	26	18	0		
7/2/2008	13	26	18	0		
7/3/2008	13	26	18	0		
7/4/2008	13	26	18	0		
7/5/2008	14	27	19	0		
7/6/2008	14	27	19	0		
7/7/2008	14	27	20	0		
7/8/2008	14	27	20	0		
7/9/2008	14	27	20	0		
7/10/2008	14	27	19	0		
7/11/2008	14	27	19	1		
7/12/2008	14	27	17	2		
7/13/2008	14	27	18	0		
7/14/2008	14	27	19	0		
7/15/2008	14	27	20	0		
7/16/2008	14	27	22	0		
7/17/2008	14	27	21	0		
7/18/2008	14	27	21	0		
7/19/2008	14	27	21	6		
7/20/2008	14	27	19	4		
7/21/2008	15	28	17	4		
7/22/2008	15	28	17	0	shut in 9am	
7/23/2008	18	31	0	24		
7/24/2008	16	29	8	0	opened 9:37am	
7/25/2008	14	27	20	0		
7/26/2008	15	28	21	0		
7/27/2008	15	28	21	0		
7/28/2008	15	28	21	0		
7/29/2008	15	28	21	10		
7/30/2008	16	29	11	0		
7/31/2008	15	28	17	0		

Total

560

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W2274
 Becker 21-14H
 North Goodland
 Goodland
 None
 August-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
8/1/2008	16	29	17	2	
8/2/2008	16	29	17	0	
8/3/2008	16	29	17	0	
8/4/2008	16	29	17	0	
8/5/2008	16	29	17	0	
8/6/2008	16	29	17	0	
8/7/2008	25	38	7	5.5	
8/8/2008	27	40	2	5	
8/9/2008	27	40	0	24	
8/10/2008	27	40	0	0	
8/11/2008	18	31	9	0	
8/12/2008	19	32	13	0	
8/13/2008	20	33	13	0	
8/14/2008	19	32	13	0	
8/15/2008	19	32	13	0	
8/16/2008	16	29	13	0	
8/17/2008	16	29	12	0	
8/18/2008	20	33	9	0	
8/19/2008	19	32	12	0	
8/20/2008	19	32	12	0	
8/21/2008	19	32	9	7	
8/22/2008	19	32	14	0	
8/23/2008	18	31	19	0	
8/24/2008	18	31	19	0	
8/25/2008	18	31	19	0	
8/26/2008	18	31	19	0	
8/27/2008	18	31	19	0	
8/28/2008	18	31	19	0	
8/29/2008	18	31	19	0	
8/30/2008	18	31	19	0	
8/31/2008	18	31	19	0	

Total

424

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W2274
 Becker 21-14H
 North Goodland
 Goodland
 None
 September-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
9/1/2008	18	31		21	0
9/2/2008	18	31		21	0
9/3/2008	18	31		21	0
9/4/2008	22	35		12	0
9/5/2008	22	35		12	0
9/6/2008	18	31		21	0
9/7/2008	18	31		21	0
9/8/2008	18	31		21	0
9/9/2008	18	31		21	0
9/10/2008	18	31		21	8
9/11/2008	18	31		10	0
9/12/2008	18	31		22	0
9/13/2008	18	31		22	0
9/14/2008	18	31		22	0
9/15/2008	18	31		22	0
9/16/2008	18	31		22	0
9/17/2008	18	31		22	0
9/18/2008	19	32		22	0
9/19/2008	18	31		22	0
9/20/2008	18	31		22	0
9/21/2008	18	31		22	0
9/22/2008	18	31		22	0
9/23/2008	18	31		22	0
9/24/2008	18	31		22	0
9/25/2008	18	31		22	0
9/26/2008	18	31		22	0
9/27/2008	18	31		22	0
9/28/2008	18	31		22	0
9/29/2008	18	31		22	0
9/30/2008	18	31		22	0
10/1/2008					0

Total

620

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