

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
8/4/08

API No. 15
181-20539-0000

Company: Rosewood Resources, Inc. Lease: Stefan Well Number: 41-10

County: Sherman Location: NENE/4 Section: 10 TWP: 9S RNG (E/W): 40W Acres Attributed: 80

Field: Goodand Reservoir: Niobrara Gas Gathering Connection: Branch Systems Inc. **RECEIVED**
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Completion Date: 6/10/08 Plug Back Total Depth: 1265' Packer Set at: **OCT 21 2008**

Casing Size: 2 7/8" Weight: 6.5# Internal Diameter: 2.441 Set at: 1265' Perforations: 1044' To: 1074' **CONSERVATION DIVISION WICHITA, KS**

Tubing Size: NONE Weight: Internal Diameter: Set at: Perforations: To:

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

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

Vertical Depth(H): 1280' 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 **8-4** 20 **08** at **3:00** (AM) **(PM)** Taken **8-5** 20 **08** at **3:15** (AM) **(PM)**

OBSERVED SURFACE DATA

Duration of Shut-in **72** 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											
Flow						26	40.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _v) (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 _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						14		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_w)² = 0.207

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_o)² = _____

(P _c) ² - (P _o) ² or (P _c) ² - (P _w) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _o ² 2. P _c ² - P _w ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_o^2}$	Backpressure Curve Slope = "n" 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 6 day of October, 20 08.

Witness (if any)

For Company

For Commission

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 Stefan 41-10 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

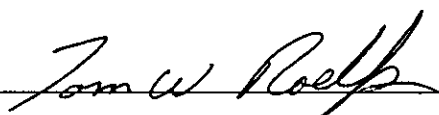
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I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 10-6-08

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.

W2576
 Stefan 41-10
 South Goodland
 Goodland
 None
 August-08

DATE	Casing PSI	STATIC MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
8/1/2008			0	
8/2/2008			0	
8/3/2008			0	
8/4/2008			0	1st gas 3 pm 26mcf @ 58cp
8/5/2008	41	54	15	0
8/6/2008	38	51	21	0
8/7/2008	36	49	19	0
8/8/2008	35	48	19	0
8/9/2008	35	48	18	0
8/10/2008	33	46	18	0
8/11/2008	31	44	17	0
8/12/2008	30	43	16	0
8/13/2008	29	42	16	0
8/14/2008	40	53	12	0
8/15/2008	32	45	9	0
8/16/2008	30	43	16	0
8/17/2008	30	43	16	0
8/18/2008	28	41	14	0
8/19/2008	27	40	14	0
8/20/2008	26	39	14	0
8/21/2008	26	39	14	0 opened to 23
8/22/2008	21	34	17	0
8/23/2008	21	34	16	0
8/24/2008	21	34	16	0
8/25/2008	19	32	16	0
8/26/2008	19	32	15	0
8/27/2008	18	31	15	0
8/28/2008	18	31	14	0
8/29/2008	18	31	14	0
8/30/2008	18	31	14	0
8/31/2008	18	31	14	0

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Total

419

W2576

Stefan 41-10

South Goodland

Goodland

None

September-08

DATE	Casing		MCF	HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN		
9/1/2008	35	48		9	10.5	
9/2/2008	38	51		0	24	
9/3/2008	40	53		0	0	
9/4/2008	41	54		0	0	
9/5/2008	22	35		14	0	
9/6/2008	22	35		17	0	
9/7/2008	22	35		16	0	
9/8/2008	22	35		16	0	
9/9/2008	20	33		14	0	
9/10/2008	20	31		14	0	
9/11/2008	20	31		15	0	
9/12/2008	33	46		6	24	
9/13/2008	33	46		0	24	
9/14/2008	33	46		0	24	
9/15/2008	33	46		0	24	
9/16/2008	33	46		6	0	
9/17/2008	22	35		16	0	
9/18/2008	20	33		16	0	
9/19/2008	20	33		15	0	
9/20/2008	21	34		11	7	
9/21/2008	18	31		14	0	
9/22/2008	17	30		15	0	
9/23/2008	17	30		15	0	
9/24/2008	17	30		15	0	
9/25/2008	15	28		14	0	
9/26/2008	15	28		14	3	
9/27/2008	15	28		14	0	
9/28/2008	15	28		14	0	
9/29/2008	14	27		12	0	
9/30/2008	14	27		12	0	
10/1/2008					0	

Total

324

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W2576
 Stefan 41-10
 South Goodland
 Goodland
 None
 October-08

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

Total

147

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