

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

Test Date:
8/12/08

API No. 15
181-20537-00 **00**

Company: Rosewood Resources, Inc. Lease: Philbrick Well Number: 42-09
County: Sherman Location: SENE/4 Section: 9 TWP: 9S RNG (E/W): 40W Acres Attributed: 80

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

Completion Date: 6/15/08 Plug Back Total Depth: 1226' Packer Set at:

Casing Size: 2 7/8" Weight: 6.5# Internal Diameter: 2.441 Set at: 1226' Perforations: 1044' To: 1074'

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

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WICHITA, KS

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): 1240' 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 8-12 20 08 at 4:30 (AM) **(PM)** Taken 8-13 20 08 at 4:40 (AM) **(PM)**

OBSERVED SURFACE DATA

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or 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 _e)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in											
Flow						20	34.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F _{ps}) 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
						17		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_e)² = _____ : (P_w)² = _____ : P_d = _____ % (P_e - 14.4) + 14.4 = _____ : (P_e)² = 0.207
(P_d)² = _____

(P _e) ² - (P _w) ² or (P _e) ² - (P _d) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _e ² - P _d ² 2. P _e ² - P _w ² divided by: P _e ² - P _w ²	LOG of formula 1. or 2. and divide by: $P_e^2 - P_w^2$	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 15 day of October 20 08

Witness (if any)

Tom W. Raab

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 Philbrick 42-09 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

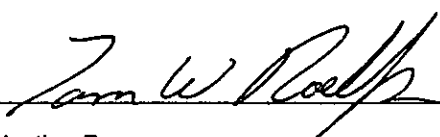
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I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 10-15-08

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.

W2578
 Philbrick 42-09
 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	
8/5/2008			0	
8/6/2008			0	
8/7/2008			0	
8/8/2008			0	
8/9/2008			0	
8/10/2008			0	
8/11/2008			0	
8/12/2008			0	0 1stgas 4:30pm 20mcf @ 64cp
8/13/2008	47	60	8	0
8/14/2008	47	60	11	0
8/15/2008	44	57	10	0
8/16/2008	44	57	11	0
8/17/2008	44	57	11	0
8/18/2008	44	57	11	0
8/19/2008	44	57	11	0
8/20/2008	40	53	10	0
8/21/2008	40	53	10	0 opened to 24
8/22/2008	32	45	18	0
8/23/2008	32	45	17	0
8/24/2008	32	45	17	0
8/25/2008	27	40	18	0
8/26/2008	26	39	18	0
8/27/2008	25	38	17	0
8/28/2008	25	38	17	0
8/29/2008	25	38	17	0
8/30/2008	25	38	17	0
8/31/2008	25	38	17	0

Total

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W2578
 Philbrick 42-09
 South Goodland
 Goodland
 None
 September-08

DATE	Casing		MCF	HRS	REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN	
9/1/2008	35	48	10	10.5	
9/2/2008	38	59	0	24	
9/3/2008	40	53	0	0	
9/4/2008	41	54	0	0	
9/5/2008	33	46	14	0	
9/6/2008	27	40	17	0	
9/7/2008	26	39	16	0	
9/8/2008	26	39	16	0	
9/9/2008	26	39	16	0	
9/10/2008	26	39	16	0	
9/11/2008	23	36	15	0	
9/12/2008	31	44	0	24	
9/13/2008	31	44	0	24	
9/14/2008	31	44	0	24	
9/15/2008	31	44	0	24	
9/16/2008	31	44	6	0	
9/17/2008	27	40	15	0	
9/18/2008	24	37	15	0	
9/19/2008	24	37	14	0	
9/20/2008	25	38	11	7	
9/21/2008	22	35	14	0	
9/22/2008	21	34	14	0	
9/23/2008	21	34	14	0	
9/24/2008	21	34	14	0	
9/25/2008	19	32	13	0	
9/26/2008	19	32	13	3	
9/27/2008	19	32	13	0	
9/28/2008	19	32	13	0	
9/29/2008	18	31	12	0	
9/30/2008	18	31	12	0	
10/1/2008				0	

Total

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 None
 October-08

DATE	Casing		MCF	HRS	REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN	
10/1/2008	18	31		12	0
10/2/2008	18	31		12	0
10/3/2008	17	30		12	0
10/4/2008	17	30		12	0
10/5/2008	17	30		11	0
10/6/2008	17	30		11	0
10/7/2008	17	30		11	0
10/8/2008	16	29		11	0
10/9/2008	16	29		11	0
10/10/2008	16	29		11	0
10/11/2008	15	28		11	0
10/12/2008	15	28		11	0
10/13/2008	15	28		10	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

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