

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
8/12/08

API No. 15
181-20536-00

Company: Rosewood Resources, Inc. Lease: Philbrick Well Number: 22-09
County: Sherman Location: SENW/4 Section: 9 TWP: 9S RNG (E/W): 40W Acres Attributed: 80

Field: Goodand Reservoir: Niobrara Gas Gathering Connection: Branch Systems Inc.
Completion Date: 6/17/08 Plug Back Total Depth: 1228' Packer Set at: _____

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WICHITA, KS

Casing Size: 2 7/8" Weight: 6.5# Internal Diameter: 2.441 Set at: 1228' Perforations: 1056' To: 1086'
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
Producing Thru (Annulus / Tubing): Annulus % Carbon Dioxide: _____ % Nitrogen: _____ Gas Gravity - G_g: .6
Vertical Depth(H): 1250' 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 _____ at 4:30 (AM) (PM) Taken 8-13 _____ 20 _____ at 4:45 (AM) (PM)

OBSERVED SURFACE DATA

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						20	34.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (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
						19		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _e) ² - (P _s) ² or (P _e) ² - (P _g) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _e ² - P _s ² 2. P _e ² - P _g ² divided by: P _e ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_e^2 - P_s^2}{P_e^2 - P_w^2}$	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 15 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 Philbrick 22-09 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

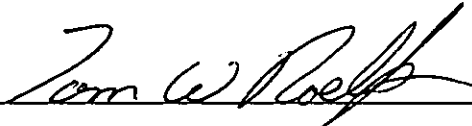
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I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

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.

W2577
 Philbrick 22-09
 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 @ 63cp
8/13/2008	51	64	10	0
8/14/2008	51	64	15	0
8/15/2008	50	63	14	0
8/16/2008	49	62	13	0
8/17/2008	48	61	13	0
8/18/2008	48	61	13	0
8/19/2008	48	61	13	0
8/20/2008	49	62	15	0
8/21/2008	48	61	15	0 opened to 21
8/22/2008	48	61	21	0
8/23/2008	48	61	21	0
8/24/2008	48	61	21	0
8/25/2008	47	60	21	0
8/26/2008	47	60	21	0
8/27/2008	46	59	21	0
8/28/2008	46	59	20	0
8/29/2008	46	59	20	0
8/30/2008	46	59	20	0
8/31/2008	46	59	20	0

Total 327

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W2577
 Philbrick 22-09
 South Goodland
 Goodland
 None
 September-08

DATE	Casing		HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF		DOWN	
9/1/2008	46	59	19	10.5	
9/2/2008	46	59	14	24	
9/3/2008	46	59	14	0	
9/4/2008	46	59	14	0	
9/5/2008	45	58	15	0	
9/6/2008	45	58	20	0	
9/7/2008	45	58	20	0	
9/8/2008	45	58	20	0	
9/9/2008	45	58	20	0	
9/10/2008	45	58	20	0	
9/11/2008	44	57	19	0	
9/12/2008	44	57	0	24	
9/13/2008	44	57	0	24	
9/14/2008	44	57	0	24	
9/15/2008	44	57	0	24	
9/16/2008	44	57	14	0	
9/17/2008	44	57	18	0	
9/18/2008	44	57	19	0	
9/19/2008	44	57	19	0	
9/20/2008	43	56	19	7	
9/21/2008	43	56	19	0	
9/22/2008	43	56	19	0	
9/23/2008	43	56	19	0	
9/24/2008	43	56	19	0	
9/25/2008	43	56	19	0	
9/26/2008	43	56	19	3	
9/27/2008	43	56	19	0	
9/28/2008	43	56	19	0	
9/29/2008	42	55	19	0	opened to 26 mcf
9/30/2008	41	54	24	0	
10/1/2008				0	

Total

479

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W2577
 Philbrick 22-09
 South Goodland
 Goodland
 None
 October-08

DATE	Casing		MCF	HRS	REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN	
10/1/2008	41	54	26	0	
10/2/2008	41	54	24	0	
10/3/2008	41	54	25	0	
10/4/2008	41	54	25	0	
10/5/2008	40	53	25	0	
10/6/2008	41	54	25	0	
10/7/2008	41	54	25	0	
10/8/2008	39	52	25	0	
10/9/2008	39	52	25	0	
10/10/2008	39	52	25	0	
10/11/2008	39	52	25	0	
10/12/2008	39	52	25	0	
10/13/2008	39	52	24	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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