

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
12/20/2008

API No. 15
181-20474-00 **00**

Company Rosewood Resources, Inc.		Lease Philbrick		Well Number 33-15	
County Sherman	Location NWSE/4	Section 15	TWP 9S	RNG (E/W) 40W	Acres Attributed 80
Field Goodand		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 10/31/2006		Plug Back Total Depth 1223'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1208'	Perforations 1042'	To 1080'
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 / <input checked="" type="checkbox"/> No flowing	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	Gas Gravity - G _g .6
Vertical Depth(H) 1220'		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 <u>12-20</u> 20 <u>07</u> at <u>11.45</u> (AM) (<input checked="" type="checkbox"/> PM) Taken <u>12-21</u> 20 <u>07</u> at <u>4:45</u> (AM) (<input checked="" type="checkbox"/> 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											
Flow						47	61.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F _o) 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
						25		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _e) ² - (P _w) ² or (P _e) ² - (P _o) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _e ² - P _w ² 2. P _e ² - P _o ² divided by: P _e ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_e^2 - P_w^2}{P_e^2 - P_o^2}$	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 22 day of February, 2008.

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Tom W. Roelf
For Company

Witness (if any)

MAR 21 2008

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 33-15 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

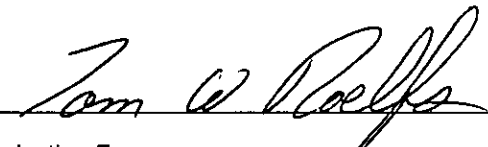
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 2/22/2008

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WICHITA, KS

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.

Philbrick 33-15
 South Goodland
 Goodland
 None
 December-07

DATE	Casing PSI	STATIC MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
12/1/2007			0	
12/2/2007			0	
12/3/2007			0	
12/4/2007			0	
12/5/2007			0	
12/6/2007			0	
12/7/2007			0	
12/8/2007			0	
12/9/2007			0	
12/10/2007			0	
12/11/2007			0	
12/12/2007			0	
12/13/2007			0	
12/14/2007			0	
12/15/2007			0	
12/16/2007			0	
12/17/2007			0	
12/18/2007			0	
12/19/2007			0	
12/20/2007	47		25	0 1st gas 12-20-07@47#cp
12/21/2007	44	57	18	0
12/22/2007	43	56	22	0
12/23/2007	41	54	23	0
12/24/2007	41	54	23	0
12/25/2007	41	54	23	0
12/26/2007	40	53	20	0
12/27/2007	40	53	22	0
12/28/2007	39	52	20	0
12/29/2007	35	48	35	0
12/30/2007	34	47	36	0
12/31/2007	33	40	37	0

Total 304

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 WICHITA, KS

W2508
 Philbrick 33-15
 South Goodland
 Goodland
 None
 January-08

DATE	Casing		MCF	HRS	REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN	
1/1/2008	31	44	40	0	
1/2/2008	31	44	40	0	
1/3/2008	30	43	33	0	
1/4/2008	30	43	34	0	
1/5/2008	29	42	35	0	
1/6/2008	29	42	35	0	
1/7/2008	28	41	34	0	
1/8/2008	28	41	34	0	
1/9/2008	28	41	34	0	
1/10/2008	27	40	33	0	
1/11/2008	26	39	32	0	
1/12/2008	26	39	32	0	
1/13/2008	26	39	31	0	
1/14/2008	25	38	31	0	
1/15/2008	25	38	31	0	
1/16/2008	25	38	31	0	
1/17/2008	25	38	27	0	
1/18/2008	25	38	29	0	
1/19/2008	24	37	28	0	
1/20/2008	24	37	28	0	
1/21/2008	27	36	28	0	
1/22/2008	23	36	26	0	
1/23/2008	23	36	27	0	
1/24/2008	23	36	33	4	
1/25/2008	23	36	29	0	
1/26/2008	23	36	28	0	
1/27/2008	23	36	28	0	
1/28/2008	22	35	28	0	
1/29/2008	22	35	27	0	
1/30/2008	22	35	27	0	
1/31/2008	22	35	26	0	

Total 959

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W2508
 Philbrick 33-15
 South Goodland
 Goodland
 None
 February-08

DATE	Casing		HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF		
2/1/2008	22	34	26	
2/2/2008	22	34	26	
2/3/2008	22	34	26	
2/4/2008	22	34	27	
2/5/2008	21	34	27	
2/6/2008	21	34	24	
2/7/2008	20	33	24	
2/8/2008	20	33	26	
2/9/2008	20	33	26	
2/10/2008	20	33	26	
2/11/2008	20	33	24	
2/12/2008	21	34	25	
2/13/2008	19	32	26	
2/14/2008	19	32	26	
2/15/2008	19	32	25	
2/16/2008	19	32	25	
2/17/2008	19	32	25	
2/18/2008	20	33	25	
2/19/2008	19	32	24	
2/20/2008	19	32	24	
2/21/2008	18	31	24	
2/22/2008	18	31	24	
2/23/2008	18	31	24	
2/24/2008	18	31	25	
2/25/2008	18	31	24	
2/26/2008				
2/27/2008				
2/28/2008				
2/29/2008				
3/1/2008				
3/2/2008				

Total 628

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