

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
8/7/08

API No. 15
181-20530-00 - 00

Company Rosewood Resources, Inc.		Lease Leonard		Well Number 44-29	
County Sherman	Location SESE/4	Section 29	TWP 7S	RNG (E/W) 39W	Acres Attributed 80
Field Goodand		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		RECEIVED
Completion Date 6/6/08		Plug Back Total Depth 1295'	Packer Set at		OCT 21 2008
Casing Size 2 7/8"	Weight 6.5#	Internal Diameter 2.441	Set at 1295'	Perforations 1078'	To 1108'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Conventional)		Type Fluid Production DryGas	Pump Unit or Traveling Plunger? flowing		Yes <input checked="" type="radio"/> No
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen		Gas Gravity - G _g .6
Vertical Depth(H) 1310'		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>8-6</u> 20 <u>08</u> at <u>3:00</u> (AM) <input checked="" type="radio"/> Taken <u>8-7</u> 20 <u>08</u> at <u>3:30</u> (AM) <input checked="" type="radio"/>			

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter 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 _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In											
Flow						28	42.4			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 _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						23		

(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: $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	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

Checked by

For Commission

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 Leonard 44-29 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

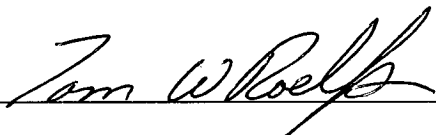
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 10-15-08

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OCT 21 2008

CONSERVATION DIVISION
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.

W2583
Leonard 44-29
North Goodland
Goodland
None
August-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
8/1/2008					
8/2/2008					
8/3/2008					
8/4/2008					
8/5/2008					
8/6/2008					0 1st gas 3pm at 28mcf @ 60cp
8/7/2008	57	70		19	5.5
8/8/2008	57	70		5	5
8/9/2008	87	100		0	24
8/10/2008	87	100		0	0
8/11/2008	54	67		23	0
8/12/2008	52	65		23	0
8/13/2008	52	65		24	0
8/14/2008	52	65		25	0
8/15/2008	51	64		25	0
8/16/2008	51	64		24	0
8/17/2008	52	65		23	0
8/18/2008	50	63		22	0
8/19/2008	50	63		22	0
8/20/2008	49	62		24	0
8/21/2008	49	62		24	7
8/22/2008	49	62		23	0
8/23/2008	48	61		24	0
8/24/2008	48	61		24	0
8/25/2008	48	61		24	0
8/26/2008	48	61		24	0
8/27/2008	48	61		24	0
8/28/2008	48	61		23	0
8/29/2008	48	61		23	0
8/30/2008	48	61		23	0
8/31/2008	48	61		23	0

Total

518

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CONSERVATION DIVISION
WICHITA KS

W2583
Leonard 44-29
North Goodland
Goodland
None
September-08

DATE	Casing		MCF	HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN		
9/1/2008	46	59	23	0		
9/2/2008	46	59	23	0		
9/3/2008	46	59	23	0		
9/4/2008	47	60	13	0		
9/5/2008	47	60	13	0		
9/6/2008	46	59	23	0		
9/7/2008	45	58	23	0		
9/8/2008	45	58	23	0		
9/9/2008	45	58	23	0		
9/10/2008	45	58	23	8		
9/11/2008	45	58	21	0		
9/12/2008	44	57	23	0		
9/13/2008	44	57	23	0		
9/14/2008	44	57	23	0		
9/15/2008	44	57	23	0		
9/16/2008	44	57	23	0		
9/17/2008	44	57	23	0		
9/18/2008	44	57	23	0		
9/19/2008	43	56	23	0		
9/20/2008	43	56	23	0		
9/21/2008	43	56	23	0		
9/22/2008	43	56	23	0		
9/23/2008	43	56	23	0		
9/24/2008	43	56	23	0	move shed	
9/25/2008	43	56	6	0	move shed	
9/26/2008	43	56	21	0		
9/27/2008	43	56	23	0		
9/28/2008	42	55	23	0		
9/29/2008	42	55	23	0		
9/30/2008	42	55	23	0		
10/1/2008				0		

Total

649

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OCT 21 2008

CONSERVATION DIVISION
WICHITA, KS

W2583
Leonard 44-29
North Goodland
Goodland
None
October-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
10/1/2008	42	55		23	0
10/2/2008	42	55		23	0
10/3/2008	42	55		23	0
10/4/2008	42	55		23	0
10/5/2008	44	57		17	0
10/6/2008	42	55		20	0
10/7/2008	42	55		23	0
10/8/2008	42	55		23	0
10/9/2008	41	54		23	0
10/10/2008	41	54		23	0
10/11/2008	41	54		23	0
10/12/2008	41	54		23	0
10/13/2008	41	54		23	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

290

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