

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **SI**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
5/20/2008

API No. 15
023-20612-0000

Company Rosewood Resources, Inc.		Lease LeeRoy		Well Number 1-25	
County Cheyenne	Location NW NE/4	Section 25	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 5/5/2005		Plug Back Total Depth 1541'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 2541'	Perforations 1338'	To 1374'
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	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1374'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 5-20 20 08 at 8:00 (AM) (PM) Taken 5-21 20 08 at 8:30 (AM) (PM)		Well on Line: Started 5-21 20 08 at 8:30 (AM) (PM) Taken 5-22 20 08 at 9:00 (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in **24** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter 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						70	84.4				
Flow						160	174.4				

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (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
						29		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

$\frac{(P_c)^2 - (P_g)^2}{(P_c)^2 - (P_d)^2}$	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _d ² 2. P _c ² - P _g ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: P _c 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 10 day of December, 20 08.

Witness (if any)

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KANSAS CORPORATION COMMISSION

Wayne Inaba
For Company

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For Commission

JAN 29 2009

Checked by

SEP 18 2009

CONSERVATION DIVISION
WICHITA, KS

KCC WICHITA

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 LeeRoy 1-25 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: 12/10/08

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WICHITA, KS

Signature: Wesley Graham

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.

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W356
 Leeroy 01-25
 St. Francis
 St. Francis
 None
 May-08

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
5/1/2008		89	37	0	
5/2/2008	75	89	37	0	
5/3/2008		89	37	0	
5/4/2008		88	37	0	
5/5/2008		89	37	0	
5/6/2008		88	37	0	
5/7/2008	75	88	37	0	
5/8/2008		87	37	0	
5/9/2008		87	37	0	
5/10/2008		87	50	0	
5/11/2008		86	37	0	
5/12/2008		87	37	0	
5/13/2008		86	37	0	
5/14/2008	70	86	37	0	
5/15/2008		87	37	0	
5/16/2008		142	29	0	
5/17/2008		82	26	0	
5/18/2008		81	30	0	
5/19/2008		81	29	0	
5/20/2008		80	30	0	
5/21/2008	70	76	29	0	shut in for test
5/22/2008	160	65	6	0	open
5/23/2008		91	31	0	
5/24/2008		79	30	0	
5/25/2008		79	30	0	
5/26/2008		82	30	0	
5/27/2008		84	30	0	
5/28/2008		84	30	0	
5/29/2008		88	29	0	
5/30/2008		84	29	0	
5/31/2008		84	29	0	

Total

1015

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W356
 Leeroy 01-25
 St. Francis
 St. Francis
 None
 June-08

DATE	Casing		MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC			
6/1/2008		84	29	0	
6/2/2008		84	29	0	
6/3/2008		84	29	0	
6/4/2008		82	29	0	
6/5/2008		70	30	0	
6/6/2008		69	28	0	
6/7/2008		72	41	0	bucket test 5 min 34 bbls 6.5 strokes 24 hrs
6/8/2008		73	55	0	
6/9/2008		74	69	0	bucket test 5 min 34 bbls
6/10/2008		78	82	0	
6/11/2008		83	95	0	bucket test 5 min 34 bbls
6/12/2008		73	108	0	
6/13/2008		86	118	0	bucket test 5 min 34 bbls
6/14/2008		86	123	0	
6/15/2008		87	115	0	bucket test 16 min 17 bbls chg to 6.5 / 12
6/16/2008		81	109	0	
6/17/2008		82	109	0	bucket test 10 min 7 bbls 6.5 / 12
6/18/2008		79	106	0	
6/19/2008		77	100	0	bucket test 9 min 10 bbls 6.5/12
6/20/2008		77	97	0	
6/21/2008		79	97	0	bucket test 8 min 11 bbls 6.5/12
6/22/2008		78	95	0	
6/23/2008		79	93	0	bucket test 8 min 11 bbls 6.5/12
6/24/2008		78	93	0	
6/25/2008		80	91	0	
6/26/2008		82	86	0	shut pump off not pumping water check tomorrow
6/27/2008		76	76	0	
6/28/2008		73	74	0	
6/29/2008		72	71	0	
6/30/2008		72	70	0	
7/1/2008				0	

Total 2347

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W356
 Leeroy 01-25
 St. Francis
 St. Francis
 None
 July-08

DATE	Casing		MCF	HRS DOWN	REMARKS (Maximum length 110 characters)	
	PSI	STATIC				
7/1/2008		73		66	0 tagged pump started bringing water untaged	
7/2/2008		84		80	0 bucket test 5 min 6.5/12 17 bbls greased	
7/3/2008		76		84	0	
7/4/2008		76		84	0	
7/5/2008		83		81	0 bucket test 5 min 17 bbls	
7/6/2008		85		75	0 pump not pumping water taged	
7/7/2008		83		73	0 pump not pumping water taged	
7/8/2008		79		75	0	
7/9/2008		76		82	0	
7/10/2008		77		80	0 bucket test 7 min 6.5/12 12	
7/11/2008		84		74	0	12
7/12/2008		76		73	0 6.5 min water test 6.5 / 12	11 bbls
7/13/2008		73		81	0	11
7/14/2008		130		79	11 PU off HFP	
7/15/2008		115		24	0	
7/16/2008		96		83	0 pu off hfp	
7/17/2008		81		93	0 pu off hfp	
7/18/2008		100		84	0 pu off hfp	
7/19/2008		65		65	3 started pumping unit	
7/20/2008		70		86	0	11
7/21/2008		70		83	0	11
7/22/2008		76		75	0	11
7/23/2008		76		73	0	11
7/24/2008		97		71	0	11
7/25/2008		85		61	0	11
7/26/2008		68		74	0	11
7/27/2008		64		82	0	11
7/28/2008		73		78	0 10 min water test 6.5 / 12	7
7/29/2008		65		72	0	7
7/30/2008		124		80	0 pump off hfp	
7/31/2008		71		43	5 started pumping unit	

Total

2314

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