

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **RSI**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
7/22/2012

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? <input checked="" type="checkbox"/> Yes / No Pumping Unit		
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6	
Vertical Depth(H) 1374'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup:	Shut in 7-21	20 12' at 9:40	(AM) (PM) Taken 7-22	20 12' at 9:55	(AM) (PM)
Well on Line:	Started 7-22	20 12' at 9:55	(AM) (PM) Taken 7-23	20 12' at 10:40	(AM) (PM)

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OBSERVED SURFACE DATA

Duration of Shut-in 24 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 ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						121	135.4				
Flow						69	83.4			24	

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 _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						36		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P₁)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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	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 19 day of December, 20 12.

Witness (if any)

For Commission

Janell Brown
For Company

Checked by

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Form G-2
(Rev. 7/03)

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: 12/19/12

Signature: 
Title: Production Assistant

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

July-12

FloBoss

DATE	Tubing Casing		STATIC MCF	SPM	CYCLE	HRS	DOWN	Water	REMARKS
	PSI	PSI							
7/1/2012		68	81	38	6	1		1	
7/2/2012		59	72	39	6	1	3	1	
7/3/2012		75	88	33	6	0.5		0.5	pu off hfp
7/4/2012		57	70	38	6	0.5		0.5	restart pu
7/5/2012		56	69	36	6	1		1	7 min bt greased
7/6/2012		85	98	36	6	1	1	1	
7/7/2012		61	74	36	6	1		1	
7/8/2012		64	77	36	6	1		1	
7/9/2012		61	74	36	6	1		1	
7/10/2012		61	74	37	6	1		1	
7/11/2012		59	72	37	6	1		1	
7/12/2012		64	77	37	6	1		1	
7/13/2012		58	71	37	6	1		1	
7/14/2012		59	72	36	6	1		1	
7/15/2012		59	72	36	6	1		1	
7/16/2012		72	85	34	6	0.5	1.5	0	pu off hfp
7/17/2012		61	74	37	6	0.5		0	restart pu
7/18/2012		70	83	35	6	1		1	
7/19/2012		67	80	35	6	1	0.5	1	
7/20/2012		65	78	34	6	1		1	6.75 min bt
7/21/2012		65	78	34	6	0.5		0	cp 94 si for state test
7/22/2012		121	79	0	6	0.5	24	0	cp121 opened
7/23/2012		69	82	49	6	1	0.5	2	
7/24/2012		71	84	46	6	1		1	7.25 min bt
7/25/2012		71	84	43	6	1		1	
7/26/2012		68	81	45	6	1		1	shut pumping unit off hfp
7/27/2012		86	99	31	6	0	5	0	
7/28/2012		68	81	39	6	0		0	
7/29/2012		59	72	39	6	1		1	started pumping unit
7/30/2012		56	69	36	6	1		1	
7/31/2012		56	69	36	6	1		1	

Total

1121

25

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W356
 Leeroy 01-25
 St. Francis
 St. Francis
 None
 August-12
 FloBoss

DATE	Tubing Casing		STATIC	MCF	SPM	CYCLE	HRS	DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI								
8/1/2012		66	79	36	6	1			1	
8/2/2012		59	72	36	6	1			1	8 min bt
8/3/2012		59	72	36	6	1			1	
8/4/2012		57	70	36	6	1			1	
8/5/2012		67	80	37	6	1			1	
8/6/2012		58	71	37	6	1			1	
8/7/2012		69	82	37	6	1			1	8.5 min bt
8/8/2012		61	74	37	6	1			1	
8/9/2012		60	73	37	6	1			1	
8/10/2012		74	87	37	6	1			1	
8/11/2012		60	73	37	6	1	1.5		1	
8/12/2012		61	74	38	6	1			1	
8/13/2012		57	70	37	6	1			1	
8/14/2012		59	72	37	6	1			1	
8/15/2012		69	82	37	6	1			1	8 min bt greased
8/16/2012		59	72	37	6	1			2	
8/17/2012		60	73	38	6	1			2	
8/18/2012		64	77	38	6	1			1	
8/19/2012		64	77	38	6	1			1	
8/20/2012		55	68	38	6	1			1	8.25 min bt
8/21/2012		66	79	38	6	1			2	
8/22/2012		61	74	38	6	1			2	
8/23/2012		65	78	38	6	1			1	
8/24/2012		65	78	38	6	1			2	
8/25/2012		62	75	37	6	1			1	
8/26/2012		63	76	38	6	1			2	
8/27/2012		58	71	38	6	1			1	
8/28/2012		59	72	38	6	1			1	
8/29/2012		60	73	38	6	1			1	8.25 min bt
8/30/2012		59	72	38	6	1			1	
8/31/2012		59	72	38	6	1			1	

Total

1158

37

W356

Leeroy 01-25

St. Francis

St. Francis

None

September-12

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DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI					
9/1/2012		59	72	38	6	1	1
9/2/2012		62	75	38	6	1	2
9/3/2012		59	72	38	6	1	1 8 min bt
9/4/2012		58	71	38	6	1	1
9/5/2012		75	88	36	6	1	2
9/6/2012		75	88	39	6	1	1 pu off hfp
9/7/2012		118	131	21	6	0	19
9/8/2012		122	135	18	6	0	24
9/9/2012		125	138	14	6	0	24
9/10/2012		127	140	0	6	0	24
9/11/2012		128	141	9	6	0	24
9/12/2012		130	143	5	6	0	24
9/13/2012		111	124	16	6	0	10
9/14/2012		103	116	46	6	0	0
9/15/2012		95	108	57	6	0	0
9/16/2012		90	103	52	6	0	0
9/17/2012		81	94	48	6	0	0
9/18/2012		63	76	51	6	1	1 restart pu
9/19/2012		78	101	41	6	1	1 pu off hfp
9/20/2012		55	68	46	6	1	1
9/21/2012		55	68	43	6	1	1 not pumping, restarted
9/22/2012		55	68	42	6	1	2
9/23/2012		55	68	43	6	1	1
9/24/2012		58	71	43	6	1	1
9/25/2012		62	75	42	6	1	1
9/26/2012		63	76	40	6	1	1 7.5 min bt
9/27/2012		69	82	39	6	1	1
9/28/2012		62	75	42	6	1	1
9/29/2012		62	75	42	6	1	1
9/30/2012		62	75	41	6	1	1
10/1/2012							

Total

1068

22