

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **SI**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
5/13/2008

API No. 15
023-20535-0000

Company Rosewood Resources, Inc.		Lease Ella Mae		Well Number 3-3	
County Cheyenne	Location SENV	Section 3	TWP 3S	RNG (E/W) 42W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 7-15-2004		Plug Back Total Depth 1741'	Packer Set at		
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1746'	Perforations 1548'	To 1582'
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="radio"/> No flowing	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6	
Vertical Depth(H) 1582'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 5-13 20 08 at 12:20 (AM) <input checked="" type="radio"/> (PM) Taken 5-14 20 08 at 1:40 (AM) <input checked="" type="radio"/> (PM)					
Well on Line: Started 5-14 20 08 at 1:40 (AM) <input checked="" type="radio"/> (PM) Taken 5-15 20 08 at 1:15 (AM) <input checked="" type="radio"/> (PM)					

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OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or 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						60	74.4				
Flow						155	169.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (F _a) 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
						44		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 0.207
(P_d)² =

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

(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: $P_c^2 - P_w^2$	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 10 day of December, 20 08.

Witness (if any)

For Commission

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JAN 29 2009
CONSERVATION DIVISION
WICHITA, KS

Wayne Inman
For Company

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 Ell Mae 3-3 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: Wayne Matan

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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W347
 Ella Mae 3-3
 West St. Francis
 St. Francis
 Pumping Unit/Elec
 May-08

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
5/1/2008			77	37	6.5	24	0	33
5/2/2008			76	38	6.5	24	0	32
5/3/2008			76	38	6.5	24	0	33
5/4/2008			77	38	6.5	24	0	34
5/5/2008			77	38	6.5	24	0	32
5/6/2008			77	39	6.5	24	0	33
5/7/2008			79	39	6.5	24	0	34
5/8/2008			79	40	6.5	24	0	34 bucket test 5 min
5/9/2008			79	39	6.5	24	0	33
5/10/2008			77	38	6.5	24	0	32
5/11/2008			76	32	6.5	24	0	0 belts off put back on restarted
5/12/2008			78	36	6.5	24	0	34
5/13/2008			76	38	6.5	24	0	34 bucket test 5 min greased
5/14/2008		60	73	39	0	0	0	33 shut in for test
5/15/2008		155	77	1	6.5	24	0	0 open
5/16/2008			86	58	6.5	24	0	34
5/17/2008			76	36	6.5	24	0	33
5/18/2008			85	49	6.5	24	0	32
5/19/2008			84	48	6.5	24	0	35
5/20/2008			83	48	6.5	24	0	34 bucket test 5 min
5/21/2008			83	47	6.5	24	0	33
5/22/2008			84	47	6.5	24	0	32
5/23/2008			84	47	6.5	24	0	33
5/24/2008			83	47	6.5	24	0	34
5/25/2008			80	46	6.5	24	0	33
5/26/2008			80	46	6.5	24	0	32
5/27/2008			82	46	6.5	24	0	33
5/28/2008			82	46	6.5	24	0	34
5/29/2008			83	46	6.5	24	0	34 bucket test 5 min
5/30/2008			84	46	6.5	24	0	34
5/31/2008			83	46	6.5	24	0	33

Total

1279

964

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W347
 Ella Mae 3-3
 West St. Francis
 St. Francis
 Pumping Unit/Elec
 June-08

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
6/1/2008			84	46	6.5	24	0	34
6/2/2008			83	45	6.5	24	0	33
6/3/2008			83	45	6.5	24	0	32
6/4/2008			81	45	6.5	24	0	33
6/5/2008			81	45	6.5	24	0	34 bucket test 5 min
6/6/2008			81	45	6.5	24	0	33
6/7/2008			84	45	6.5	24	0	32
6/8/2008			83	45	6.5	24	0	33
6/9/2008			81	44	6.5	24	0	34
6/10/2008			81	44	6.5	24	0	33
6/11/2008			85	44	6.5	24	0	32
6/12/2008			84	44	6.5	24	0	33
6/13/2008			83	44	6.5	24	0	34 bucket test 5 min
6/14/2008			85	44	6.5	24	0	33
6/15/2008			85	44	6.5	24	0	35
6/16/2008			83	44	6.5	24	0	34
6/17/2008			84	44	6.5	24	0	32
6/18/2008			82	44	6.5	24	0	33
6/19/2008			81	44	6.5	24	0	34 bucket test 5 min
6/20/2008			81	44	6.5	24	0	33
6/21/2008			82	44	6.5	24	0	32
6/22/2008			81	43	6.5	24	0	33
6/23/2008			82	43	6.5	24	0	32
6/24/2008			82	43	6.5	24	0	33
6/25/2008			81	43	6.5	24	0	34 bucket test 5 min
6/26/2008			83	43	6.5	24	0	33
6/27/2008			83	43	6.5	24	0	35
6/28/2008			81	43	6.5	24	0	33
6/29/2008			81	43	6.5	24	0	35
6/30/2008			81	43	6.5	24	0	35
7/1/2008							0	

Total

1320

999

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W347
 Ella Mae 3-3
 West St. Francis
 St. Francis
 Pumping Unit/Elec
 July-08

DATE	Tubing Casing		STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI						
7/1/2008			81	43	24	24	0	36
7/2/2008			85	43	6.5	24	0	35
7/3/2008			82	43	6.5	24	0	34 bucket test 5 min
7/4/2008			82	43	6.5	24	0	33
7/5/2008			87	43	6.5	24	0	32
7/6/2008			90	43	6.5	24	0	33
7/7/2008			90	42	6.5	24	0	34
7/8/2008			86	42	6.5	24	0	33
7/9/2008			80	42	6.5	24	0	32
7/10/2008			87	43	6.5	24	0	34 bucket test 5 min
7/11/2008			91	43	6.5	24	0	33
7/12/2008			87	43	6.5	24	0	35
7/13/2008			85	42	6.5	24	0	34
7/14/2008			112	42	6.5	24	11	32 PU off HFP
7/15/2008			124	14	0	0	0	0
7/16/2008			106	44	0	0	0	0 PU off HFP
7/17/2008			89	37	0	0	0	0 pu off hfp greased
7/18/2008			117	37	0	0	0	0 pu off hfp
7/19/2008			70	29	6.5	24	3	0 started pumping unit
7/20/2008			77	32	6.5	24	0	34
7/21/2008			80	27	6.5	24	0	33
7/22/2008			84	31	6.5	24	0	34 bucket test 5 min
7/23/2008			86	34	6.5	24	0	33
7/24/2008			90	34	6.5	24	4	32 pump off hfp
7/25/2008			89	29	0	0	0	0
7/26/2008			84	34	0	0	0	0
7/27/2008			66	27	6.5	24	0	32 restart pump
7/28/2008			78	34	6.5	24	0	33
7/29/2008			82	25	6.5	24	0	0 pump off restarted
7/30/2008			147	31	0	0	0	0 pump off hfp
7/31/2008			85	25	6.5	24	5	0 started pumping unit

Total

1121

701

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