

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow **SI**
 Deliverability

Test Date:
5/13/2008

API No. 15
023-20683-0000

Company Rosewood Resources, Inc.		Lease Ella Mae		Well Number 32-04	
County Cheyenne	Location SWNE	Section 4	TWP 3S	RNG (E/W) 42W	Acres Attributed
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 2/14/2007		Plug Back Total Depth 1867'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter	Set at 1867'	Perforations 1604'	To 1632'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To

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Type Completion (Describe) Single (Conventional)	Type Fluid Production Dry Gas	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) 1874'	Pressure Taps Flange	(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 5-13 20 08 at 9:40 (AM) (PM) Taken 5-14 20 08 at 10:10 (AM) (PM)			
Well on Line: Started 5-14 20 08 at 10:10 (AM) (PM) Taken 5-15 20 08 at 10:45 (AM) (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 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						50	64.4				
Flow						190	201.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (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
						19		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _c) ² - (P _a) ² or (P _c) ² - (P _o) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _o 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) *Wayne Mahan*
For Company

For Commission _____
Checked by

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JAN 29 2009
CONSERVATION DIVISION
WICHITA KS

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 Ella Mae 32-04 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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Signature: Wayne Frator

CONSERVATION DIVISION
WICHITA, KS

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.

W2425
 Ella Mae 32-04
 West St. Francis
 St. Francis
 None
 May-08

DATE	Tubing Casing		STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI							
5/1/2008			72	17	8	14	0	24	
5/2/2008			72	17	8	14	0	25	
5/3/2008			71	8	8	14	0	24	
5/4/2008			72	17	8	14	0	23	
5/5/2008			74	17	8	14	0	24	
5/6/2008			74	17	8	14	0	25	
5/7/2008			73	17	8	14	0	24	
5/8/2008			73	17	8	14	0	25	bucket test 4 min
5/9/2008			73	17	8	14	0	24	
5/10/2008			73	13	8	14	0	23	
5/11/2008			72	17	8	14	0	24	
5/12/2008			72	17	8	14	0	23	
5/13/2008			70	17	8	14	0	25	bucket test 4 min greased
5/14/2008		50	70	17	0	0	0	24	shut in for test
5/15/2008		190	77	1	8	14	0	0	open
5/16/2008			77	32	8	14	0	25	
5/17/2008			73	17	8	14	0	26	
5/18/2008			74	17	8	14	0	24	
5/19/2008			76	0	8	14	0	25	
5/20/2008			75	20	8	14	0	24	
5/21/2008			75	21	8	14	0	25	
5/22/2008			75	21	8	14	0	25	bucket test 4 min
5/23/2008			77	21	8	14	0	24	
5/24/2008			77	21	8	14	0	23	
5/25/2008			73	20	8	14	0	24	
5/26/2008			73	20	8	14	0	23	
5/27/2008			75	20	8	14	0	24	
5/28/2008			75	20	8	14	0	25	bucket test 4 min
5/29/2008			76	20	8	14	0	24	
5/30/2008			76	20	8	14	0	24	
5/31/2008			77	20	8	14	0	25	

Total

536

727

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W2425
 Ella Mae 32-04
 West St. Francis
 St. Francis
 None
 June-08

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)		
	PSI	PSI							
6/1/2008			76	17	8	14	0	25	
6/2/2008			75	19	8	14	0	26	
6/3/2008			76	19	8	14	0	24	
6/4/2008			74	19	8	14	0	25	bucket test 4 min
6/5/2008			74	19	8	14	0	26	
6/6/2008			73	19	8	14	0	25	
6/7/2008			77	19	8	14	0	24	
6/8/2008			74	19	8	14	0	23	
6/9/2008			74	19	8	14	0	24	
6/10/2008			74	19	8	14	0	25	
6/11/2008			78	19	8	14	0	24	
6/12/2008			78	14	8	14	0	25	bucket test 4 min
6/13/2008			78	19	8	14	0	25	
6/14/2008			80	17	8	14	0	24	
6/15/2008			84	17	8	14	0	26	
6/16/2008			76	19	8	14	0	23	
6/17/2008			78	17	8	14	0	22	
6/18/2008			75	19	8	14	0	24	
6/19/2008			75	19	8	14	0	25	bucket test 4 min
6/20/2008			75	19	8	14	0	24	
6/21/2008			75	19	8	14	0	23	
6/22/2008			74	19	8	14	0	24	
6/23/2008			76	19	8	14	0	25	
6/24/2008			75	18	8	14	0	24	
6/25/2008			75	18	8	14	0	23	
6/26/2008			75	18	8	14	0	22	
6/27/2008			74	18	8	14	0	22	
6/28/2008			74	18	8	14	0	23	
6/29/2008			74	18	8	14	0	23	
6/30/2008			74	18	8	14	0	23	
7/1/2008							0		

Total

550

721

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W2425
 Ella Mae 32-04
 West St. Francis
 St. Francis
 None
 July-08

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)	
	PSI	PSI						
7/1/2008			74	18	8	14	0	23
7/2/2008			79	18	8	14	0	24
7/3/2008			75	18	8	14	0	25
7/4/2008			75	18	8	14	0	24
7/5/2008			81	18	8	14	0	23
7/6/2008			84	18	8	14	0	24
7/7/2008			82	18	8	14	0	25
7/8/2008			80	18	8	14	0	24
7/9/2008			77	18	8	14	0	23
7/10/2008			81	18	8	14	0	25 bucket test 4 min
7/11/2008			87	18	8	14	0	25
7/12/2008			82	18	8	14	0	24
7/13/2008			79	18	8	14	0	23
7/14/2008			110	18	8	14	11	21 PU off HFP
7/15/2008			120	13	0	0	0	0
7/16/2008			100	13	0	0	0	0 pu off hfp greased
7/17/2008			84	12	0	0	0	0 pu off hfp
7/18/2008			117	11	0	0	0	0 pu off hfp
7/19/2008			66	10	8	14	3	0 started pumping unit
7/20/2008			73	12	8	14	0	25
7/21/2008			76	14	8	14	0	24
7/22/2008			81	15	8	14	0	33 bucket test 3 min
7/23/2008			81	16	8	14	0	32
7/24/2008			86	16	0	0	4	31 pump off hfp
7/25/2008			86	14	0	0	0	0
7/26/2008			76	15	0	0	0	0
7/27/2008			62	11	8	14	0	30 restart pump
7/28/2008			76	14	8	14	0	28
7/29/2008			79	15	8	14	0	29
7/30/2008			108	15	0	0	0	30 pump off hfp
7/31/2008			78	11	8	14	5	0 restart pump

Total

479

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