

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

Test Date:
8/29/2006

API No. 15
023-20635-00-00

Company Rosewood Resources, Inc.		Lease Ella Mae		Well Number 14-3	
County Cheyenne	Location SWNW	Section 3	TWP 3S	RNG (E/W) 42W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 10-21-2005		Plug Back Total Depth 1715'		Packer Set at	
Casing Size 2 7/8"	Weight 6.5#	Internal Diameter 2.441	Set at 1715'	Perforations 1575'	To 1607'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Vertical)		Type Fluid Production Dry Gas		Pump Unit or Traveling Plunger? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1573'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 8-29 20 06 at 12:25 (AM) <input checked="" type="checkbox"/> (PM)		Taken 8-30 20 06 at 12:45 (AM) <input checked="" type="checkbox"/> (PM)			
Well on Line: Started 8-30 20 06 at 12:45 (AM) <input checked="" type="checkbox"/> (PM)		Taken 8-30 20 06 at 1:00 (AM) <input checked="" type="checkbox"/> (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 _t) or (P _o)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _o)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						80	94.4				
Flow						49	63.4			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
						1		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _e) ² - (P _a) ² or (P _e) ² - (P _d) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _e ² - P _a ² 2. P _e ² - P _d ² divided by: P _e ² - P _w ²	LOG of formula 1. or 2. and divide by: $\left[\frac{P_e^2 - P_w^2}{P_e^2 - P_a^2} \right]$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG $\left[\frac{P_e^2 - P_w^2}{P_e^2 - P_a^2} \right]$	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 31 day of August, 20 06.

Witness (if any)

For Commission

Tom W. Ruck
For Company

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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.

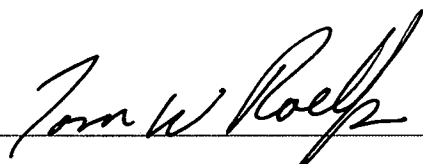
I hereby request a one-year exemption from open flow testing for the Eli Mae 14-03 gas well on the grounds that said well:

(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: 8/31/2006

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.

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Monthly Gauge Sheet

Well Name: Ella Mae 14-3

Pumper: _____

Month 8/06

Day	Static	Diff	SCF Wtr	Wtr	TP	CP	SPM Cycle	Remarks
1	64		415scf			51		
2	64		387scf			51		
3	64		410scf			51		
4	63		389 scf			50		
5	63		417 scf			50		
6	63		422 scf			50		
7	62		391 scf			49		
8	61		418scf			48		
9	63		342scf			50		
10	61		412scf			48		
11	62		384scf			49		
12	64		380scf			51		
13	64		407scf			51		
14	61		410scf			48		
15	62		423scf			49		
16	62		389scf			49		
17	64		350scf			51		
18	64		394scf			51		
19	63		387scf			50		
20	64		324scf			51		
21	66		307scf			53		
22	66		294scf			53		
23	66		342scf			53		
24	66		330scf			53		
25	64		378scf			51		
26	64		382scf			51		
27	64		314scf			51		
28	64		232scf			51		
29	63		255scf			50		
30	80		Ø			60		shut in 12:25 PM 50 cP open 12:45 PM 80 cP.
31	62		282scf			49		
Totals								

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Monthly Gauge Sheet

Well Name:

Ella Mae 143

Pumper:

Month

7/06

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	102		376scf			89		
2	102		396 scf			89		
3	101		403 scf			88		
4	101		0			88		
5	105		290scf			92		
6	105		387scf			92		
7	102		214scf			89		
8	94		381scf			81		
9	85		276scf			72		
10	68		420scf			55		
11	64		238scf			51		
12	56		297scf			43		
13	45		431scf			32		
14	74		4 mcf			61		
15	48		316scf			95		
16	48		321scf			95		
17	48		302 scf			95		
18	52		261scf			39		
19	50		297scf			37		
20	49		246 scf			36		
21	52		318 scf			39		
22	52		297scf			39		
23	52		324scf			58		
24	62		283scf			49		
25	82		437scf			89		
26	64		212scf			51		
27	56		387scf			43		
28	65		450scf			52		
29	65		449 scf			52		
30	65		444scf			52		
31	64		422scf			51		
Totals								

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