

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

SI

(See Instructions on Reverse Side)

Test Date:
4-3-2006

API No. 15
181-20390-00 - 00

Company Rosewood Resources		Lease Bauman		Well Number 1-27	
County Sherman	Location SESE/4	Section 27	TWP 8S	RNG (EW) 40W	Acres Attributed 80
Field Goodland		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 2/22/2006		Plug Back Total Depth 1256'	Packer Set at		
Casing Size 2 7/8"	Weight 6.5#	Internal Diameter 2.441	Set at 1256'	Perforations 1126'	To 1156'
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 type="checkbox"/> No <input checked="" type="checkbox"/>		
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6	
Vertical Depth(H) 1256'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 4-3 20 06 at 9:05 (AM) (PM) Taken 4-6 20 06 at 2:35 (AM) (PM)					
Well on Line: Started 4-6 20 06 at 2:35 (AM) (PM) Taken 4-7 20 06 at 10:05 (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 _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						43	57.4				
Flow										24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _o) (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
						15		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _o) ² - (P _a) ² or (P _o) ² - (P _d) ²	(P _o) ² - (P _w) ²	Choose formula 1 or 2: 1. P _o ² - P _a ² 2. P _o ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\left[\frac{P_o^2 - P_w^2}{P_c^2 - P_w^2} \right]$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG $\left[\frac{P_o^2 - P_w^2}{P_c^2 - P_w^2} \right]$	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 27 day of July, 2006.

Witness (if any)


For Company

For Commission

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Checked by

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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.

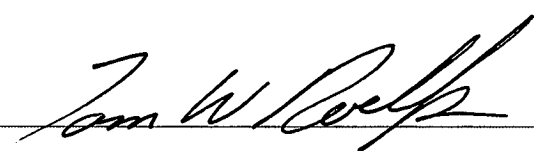
I hereby request a one-year exemption from open flow testing for the Bauman 1-27 gas well on the grounds that said well:

(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: 7/27/2006

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: Bauman 1-27

Pumper: TRS .375

Month March 2006

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17						53		First Gas @ 5:25PM
18	65		6			52		@ 16 MCFD
19	53		26			40		
20	53		43			40		
21	51		41			38		
22	51		38			38		
23	53		38			40		
24	52		37			39		
25	51		36			38		
26	50		37			39		
27	49		36			36		BP
28	49		36			36		
29	50		35			37		
30	48		34			35		
31	48		34			35		

Totals

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Monthly Gauge Sheet

Well Name: Bauman 1-27

Pumper: TR5

Month 4/06

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	47		33			34		
2	47		33			34		
3	46		33			33		SI 9:05A
4	53		Ø			40		SI
5	56		Ø			43		SI
6	56		Ø			43		SI opened 2:35P
7	53		32 32-15	-	-	43		
8	49		31	-	-	36		
9	48		31	-	-	35		
10	48		31	-	-	35		BP
11	47		31	-	-	34		
12	47		31	-	-	34		
13	49		26	-	-	36		
14	46		29			33		
15	45		28			32		
16	45		28			32		
17	45		28	FLOW		32		
18	45		28	FLOW		32		
19	44		27	FLOW		31		
20	44		27	FLOW		31		
21	44		27			31		
22	43		27			30		BP
23	43		26			30		
24	43		27			30		
25	43		28			30		
26	43		27			30		
27	41		26			30		
28	42		26			31		
29	42		7	26 FLOW		31		
30	42		Ø	26 FLOW		31		
31								

Totals

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Monthly Gauge Sheet

Well Name: Bauman 1-27 ✓

Pumper: TR5 Month 5/06

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	41		26	—	—	28		
2	41		26	—	—	28		
3	41		25	—	—	28		
4	40	(7)	25 Flow	—	—	27		
5	40		25	—	—	27		
6	40		25	—	—	27		
7	40		25	—	—	27		
8	40		25	—	—	27		
9	39		25	—	—	26		
10	39		25	—	—	26		F NO signal called back
11	39		16.8	24.72 Flow	—	26		BP carrying over
12	39		25	24.6 Flow	—	26		
13	39		25	—	—	26		
14	39		25	—	—	26		
15	38		24	—	—	25		
16	38		25	—	—	25		
17	38		25	—	—	25		
18	38		24	—	—	25		
19	38		24	—	—	25		
20	38		24	—	—	25		
21	38		24	—	—	25		
22	37		24	—	—	24		
23	37		24	—	—	24		
24	37		24	—	—	24		
25	37		24	—	—	23		
26	36		24	—	—	23		
27	36		23	—	—	23		
28	36		23	—	—	23		
29	36		23	—	—	23		
30	37		22	—	—	24		
31	36		23	—	—	23		
Totals								

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