

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow **BSI**
 Deliverability

Test Date:
8/4/2008

API No. 15
023-20609-0000

Company Rosewood Resources		Lease Zimbelman		Well Number 4-24	
County Cheyenne	Location NW NW	Section 24	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 5/18/2005		Plug Back Total Depth 1403'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1403'	Perforations 1202'	To to 1234'
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 / No	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1234'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 8-4		20 08 at 9:50		AM (PM) Taken 8-5	
Well on Line: Started 8-5		20 08 at 10:35		AM (PM) Taken 8-6	
				20 08 at 10:35 AM (PM)	
				20 08 at 10:50 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 _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						71	85.4				
Flow						83	97.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (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
						25		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_g)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" ----- 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 11 day of December, 20 08

Witness (if any)

For Commission

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JAN 29 2009

CONSERVATION DIVISION
WICHITA KS

Wayne Mator
For Company

Checked by

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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 Zimbelman 4-24 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: 12/11/08

Signature: *Wayne Maston*
Title: Production Foreman

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WICHITA, KS

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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W383
 Zimbelman 04-24
 St. Francis
 St. Francis
 None
 August-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
8/1/2008		64		11	0
8/2/2008		64		11	0
8/3/2008		69		11	0
8/4/2008		65		11	0
8/5/2008	71	58		11	0 shut in for test
8/6/2008	83	70		0	24 open
8/7/2008		67		19	0
8/8/2008		64		11	0
8/9/2008		64		11	0
8/10/2008		64		11	0
8/11/2008		66		12	0
8/12/2008		64		11	0
8/13/2008		64		12	0
8/14/2008		64		12	0
8/15/2008		66		12	0
8/16/2008		62		12	0
8/17/2008		62		12	0
8/18/2008		64		12	0
8/19/2008		66		12	0
8/20/2008		64		12	0
8/21/2008		74		11	0
8/22/2008		79		11	0
8/23/2008		79		11	0
8/24/2008		74		11	0
8/25/2008		74		11	0
8/26/2008		78		11	0
8/27/2008		78		11	0 started pumping unit 6.5 strokes 24 hrs on 4:33 pm
8/28/2008		82		16	0 bucket test 5 min 34
8/29/2008		85		25	0 PUMP OFF HFP
8/30/2008		61		20	0 pump off
8/31/2008		57		18	0 pump off

Total

382

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W383
 Zimbelman 04-24
 St. Francis
 St. Francis
 None
 September-08

DATE	Casing		HRS		REMARKS (Maximum length 110 characters)	
	PSI	STATIC	MCF	DOWN		
9/1/2008		56	17	0		
9/2/2008		52	17	0		
9/3/2008		50	16	0	started pumping unit	
9/4/2008		58	32	0	test 6 min 6.5 strokes 24 hrs on 29 bbls	
9/5/2008		58	32	0		29
9/6/2008		158	29	14.5	PU off HFP	
9/7/2008		90	30	0	PU off HFP	
9/8/2008		53	35	0	PU off HFP	
9/9/2008		53	30	0	restart pump	
9/10/2008		57	43	0		34
9/11/2008		69	49	0		34
9/12/2008		75	52	0		34
9/13/2008		97	56	0	6.5 24 hrs on 34	
9/14/2008		52	48	0	stroke 6.5 2 hrs on 5 min test 3 bbls	
9/15/2008		51	41	0		3
9/16/2008		53	37	0		3
9/17/2008		54	36	0		3
9/18/2008		51	34	0		3
9/19/2008		49	33	0		3
9/20/2008		49	33	0		3
9/21/2008		48	32	0		3
9/22/2008		48	32	0		3
9/23/2008		47	31	0	bucket test 5min test 3bbls	
9/24/2008		50	31	0		3
9/25/2008		52	30	0		3
9/26/2008		52	30	0		3
9/27/2008		52	30	0		3
9/28/2008		52	30	0		3
9/29/2008		52	30	0		3
9/30/2008		52	29	0		3
10/1/2008				0		

Total 1005

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W383
 Zimbelman 04-24
 St. Francis
 St. Francis
 None
 October-08

DATE	Tubing Casing		STATIC MCF	SPM	CYCLE	HRS DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI						
10/1/2008			52	29	2	0	3	
10/2/2008			51	29	2	0	3	
10/3/2008			53	29	2	0	3	
10/4/2008			52	29	2	0	3	
10/5/2008			54	29	2	0	3	
10/6/2008			52	29	2	0	3	
10/7/2008			50	29	0	0	0	pump off water problems
10/8/2008			142	13	0	14	0	pump off hfp
10/9/2008			128	28	0	0	0	pump off hfp
10/10/2008			52	27	0	0	0	pump off
10/11/2008			50	24	0	0	0	pump off
10/12/2008			50	24	0	0	0	pump off
10/13/2008			48	22	0	0	0	pump off
10/14/2008			49	23	0	0	0	started pumping unit
10/15/2008			51	24	2	0	3	6.5 strokes 2 hrs on 3
10/16/2008			50	25	2	0	3	
10/17/2008			51	25	2	0	3	
10/18/2008			50	25	2	0	3	
10/19/2008			50	25	2	0	3	
10/20/2008			50	25	2	0	3	
10/21/2008			50	25	2	0	3	
10/22/2008			50	25	2	0	3	
10/23/2008			50	25	2	0	3	
10/24/2008			50	26	2	0	3	
10/25/2008			49	26	2	0	3	
10/26/2008			50	26	2	0	3	
10/27/2008			53	26	2	0	3	
10/28/2008			49	26	2	0	3	
10/29/2008			54	26	2	0	3	bucket test 6 min greased 3
10/30/2008			53	26	2	0	3	
10/31/2008			53	26	2	0	3	

Total

796

69

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