

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow **ASL**
 Deliverability

Test Date:
7/19/2009

API No. 15
023-20562-00 **60**

Company Rosewood Resources, Inc.		Lease Zimbelman		Well Number 2-24	
County Cheyenne	Location SWSW	Section 24	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 9-10-2004		Plug Back Total Depth 1536'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1536'	Perforations 1332'	To 1370'
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? <input checked="" type="radio"/> Yes / No Pumping Unit	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	Gas Gravity - G _g .6
Vertical Depth(H) 1370'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7-18 20 09 at 9:05		(AM) (PM) Taken 7-19 20 09 at 9:20		(AM) (PM)	
Well on Line: Started 7-19 20 09 at 9:20		(AM) (PM) Taken 7-20 20 09 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 (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						50	64.4				
Flow						170	184.4			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 _{dv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						11		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207
(P_d)² =

(P _c) ² = _____	(P _w) ² = _____	P _d = _____ %	(P _c - 14.4) + 14.4 = _____	(P _a) ² = 0.207	(P _d) ² = _____		
(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 18 day of November, 2009

Witness (if any)

For Commission

Tom W. Raelf

For Company

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Checked by

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.

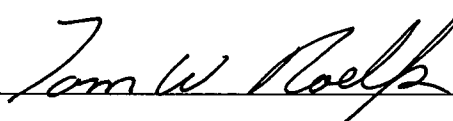
I hereby request a one-year exemption from open flow testing for the Zimbelman 2-24 gas well on the grounds that said well:

(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: 11/18/09

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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W381
 Zimbelman 02-24
 St. Francis
 St. Francis
 None
 July-09

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI					
7/1/2009			67	12	0	0	0 shut pump off not pumping water
7/2/2009			67	11	0	0	0 hole in tub
7/3/2009			67	11	0	0	0
7/4/2009			67	10	0	0	0
7/5/2009			67	10	0	0	0
7/6/2009			67	9	0	0	0
7/7/2009			70	8	0	0	0
7/8/2009			169	7	0	6	0
7/9/2009			89	4	0	3	0
7/10/2009			67	11	0	0	0
7/11/2009			67	11	0	0	0
7/12/2009			60	5	0	0	0
7/13/2009			67	11	0	0	0
7/14/2009			60	5	0	0	0
7/15/2009			65	5	0	0	0
7/16/2009			77	5	0	0	0
7/17/2009			70	10	0	0	0
7/18/2009			62	10	0	0	0
7/19/2009		50	66	10	0	0	0 shut in for test
7/20/2009		170	64	3	0	7	0 open
7/21/2009			66	12	0	0	0
7/22/2009			63	11	0	0	0
7/23/2009			63	11	0	0	0
7/24/2009			63	11	0	0	0
7/25/2009			68	11	0	0	0
7/26/2009			63	11	0	0	0
7/27/2009			62	11	0	4	0
7/28/2009			63	10	0	0	0
7/29/2009			63	10	0	0	0
7/30/2009			72	10	0	0	0
7/31/2009			70	10	0	0	0

Total

286

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W381
 Zimbelman 02-24
 St. Francis
 St. Francis
 None
 August-09

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
8/1/2009			67	10				0	hole in tube
8/2/2009			67	10				0	
8/3/2009			66	11				0	
8/4/2009			75	10				0	
8/5/2009			90	10				0	
8/6/2009			64	10				0	
8/7/2009			66	10				0	
8/8/2009			65	11				0	
8/9/2009			67	10				0	
8/10/2009			64	10				0	PU OFF
8/11/2009			61	10				0	
8/12/2009			59	10				0	
8/13/2009			59	11				0	
8/14/2009			63	11				0	
8/15/2009			65	10				0	
8/16/2009			63	10				0	
8/17/2009			137	4				0	
8/18/2009			136	6				0	
8/19/2009			136	3				0	
8/20/2009			62	14				0	
8/21/2009			63	11				0	
8/22/2009			62	11				4	
8/23/2009			117	11				0	
8/24/2009			63	11				0	
8/25/2009			99	11				4	
8/26/2009			64	11				0	
8/27/2009			65	11				0	
8/28/2009			65	11				0	
8/29/2009			128	11				0	
8/30/2009			65	11				3	
8/31/2009			65	11				0	

Total

312

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W381
 Zimbelman 02-24
 St. Francis
 St. Francis
 None
 September-09

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs
9/1/2009		0	64	11	0	0	0	0
9/2/2009		0	64	11	0	0	0	0
9/3/2009		0	68	11	0	0	0	0
9/4/2009		0	95	12	0	0	6	0
9/5/2009		0	69	11	0	0	0	0
9/6/2009		0	66	11	0	0	0	0
9/7/2009		0	66	11	0	0	0	0
9/8/2009		0	66	11	0	0	0	0
9/9/2009		0	69	11	0	0	0	0
9/10/2009		0	65	11	0	0	0	0
9/11/2009		0	63	11	0	0	0	0
9/12/2009		0	62	11	0	0	0	0
9/13/2009		0	66	11	0	0	1.5	0
9/14/2009		0	61	11	0	0	0	0
9/15/2009		0	63	11	0	0	0	0
9/16/2009		0	60	11	0	0	0	0
9/17/2009		0	60	11	0	0	0	0
9/18/2009		0	59	11	0	0	0	0
9/19/2009		0	58	11	0	0	0	0
9/20/2009		0	59	11	0	0	0	0
9/21/2009		0	60	11	0	0	0	0
9/22/2009		0	58	11	0	0	0	0
9/23/2009		0	58	11	0	0	0	0
9/24/2009		0	58	11	0	0	0	0
9/25/2009		0	70	8	0	0	6	0
9/26/2009		0	111	13	0	0	0	0
9/27/2009		0	96	11	0	0	0	0
9/28/2009		0	88	11	0	0	0	0
9/29/2009		0	65	11	0	0	0	0
9/30/2009		0	66	7	0	0	8	0
10/1/2009		0	0	0	0	0	0	0

Total

326

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