

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow **ST**
 Deliverability

Test Date:
10/6/2007

API No. 15
15-181-20419-00 - 00

Company Rosewood Resources		Lease G. Ihrig		Well Number 43-16	
County Sherman	Location NESE	Section 16	TWP 7S	RNG (E/W) 39W	Acres Attributed 80
Field Goodland		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 3/25/2006		Plug Back Total Depth 1146'	Packer Set at		
Casing Size 2 7/8"	Weight 6.5#	Internal Diameter 2.441	Set at 1146.25'	Perforations 988'	To 1020'
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? Flowing		Yes / <input checked="" type="radio"/> No
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6	
Vertical Depth(H) 1020'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 10-6 20 07 at 9:05		<input checked="" type="radio"/> (AM) (PM)		Taken 10-7 20 07 at 11:00 <input checked="" type="radio"/> (AM) (PM)	
Well on Line: Started 10-7 20 07 at 11:00		<input checked="" type="radio"/> (AM) (PM)		Taken 10-8 20 07 at 10:15 <input checked="" type="radio"/> (AM) (PM)	

OBSERVED SURFACE DATA

Duration of Shut-in _____ 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						35	49.4				
Flow						33	47.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (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
						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 _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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	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, 2007

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For Company

Witness (if any)

For Commission

JAN 15 2008

Checked by

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.

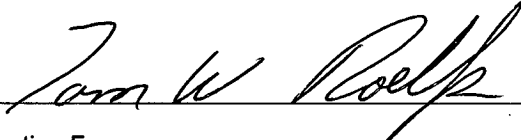
I hereby request a one-year exemption from open flow testing for the G. Ihrig 43-16 gas well on the grounds that said well:

(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: 12/10/2007

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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CONSERVATION DIVISION
WICHITA, KS

W2057

G. Ihrig 43-16

North Goodland

Goodland

None

October-07

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
10/1/2007	33	46		11	0
10/2/2007	33	46		11	0
10/3/2007	33	46		11	0
10/4/2007	33	46		11	0
10/5/2007	33	46		11	0
10/6/2007	33	46		11	0 si 9am cp33
10/7/2007	35	48		1	0 open 11an cp35
10/8/2007	34	47		10	0
10/9/2007	34	47		11	0
10/10/2007	33	46		11	0
10/11/2007	33	46		11	0
10/12/2007	33	46		11	0
10/13/2007	33	46		11	0
10/14/2007	33	46		11	0
10/15/2007	33	46		11	0
10/16/2007	33	46		11	0
10/17/2007	33	46		11	0
10/18/2007	33	46		11	0
10/19/2007	33	46		11	0
10/20/2007	33	46		11	0
10/21/2007	33	46		11	0
10/22/2007	33	46		11	0
10/23/2007	33	46		11	0
10/24/2007	33	46		11	0
10/25/2007	33	46		11	0
10/26/2007	33	46		11	0
10/27/2007	33	46		11	0
10/28/2007	33	46		11	0
10/29/2007	33	46		11	0
10/30/2007	33	46		11	0
10/31/2007	33	46		11	0

Total

330

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CONSERVATION DIVISION
WICHITA, KS

W2057
 G. Ihrig 43-16
 North Goodland
 Goodland
 None
 November-07

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
11/1/2007	32	45	11	0	
11/2/2007	32	45	11	0	
11/3/2007	32	45	11	0	
11/4/2007	32	45	11	0	0 bp
11/5/2007	32	45	11	0	
11/6/2007	32	45	11	0	
11/7/2007	32	45	11	0	
11/8/2007	33	46	10	6	6 bp
11/9/2007	33	46	10	3	
11/10/2007	32	45	10	0	
11/11/2007	32	45	11	0	
11/12/2007	32	45	11	0	
11/13/2007	32	45	11	0	
11/14/2007	32	45	11	1	
11/15/2007	32	45	11	3	3 bp
11/16/2007	32	45	10	12	
11/17/2007	47	50	5	7	
11/18/2007	33	46	7	0	
11/19/2007	33	46	11	0	0 bp
11/20/2007	33	46	11	0	
11/21/2007	32	45	11	0	
11/22/2007	32	45	11	2	
11/23/2007	32	45	11	2	
11/24/2007	32	45	11	0	
11/25/2007	32	45	11	0	
11/26/2007	35	48	11	2	
11/27/2007	32	45	11	0	
11/28/2007	32	45	11	0	
11/29/2007	32	45	11	0	
11/30/2007	32	45	10	3	3 bp froze
12/1/2007				0	

Total

315

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CONSERVATION DIVISION
 WICHITA, KS

W2057
 G. Ihrig 43-16
 North Goodland
 Goodland
 None
 December-07

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
12/1/2007	32	45		11	0
12/2/2007	32	45		10	2 bp
12/3/2007	33	46		11	0
12/4/2007	33	46		11	0
12/5/2007	33	46		11	0 bp
12/6/2007	33	46		11	0
12/7/2007	33	46		11	0
12/8/2007	33	46		11	0
12/9/2007	33	46		11	0
12/10/2007	33	46		10	0 bp
12/11/2007	33	46		10	0
12/12/2007	32	45		10	0
12/13/2007	32	45		10	0 bp
12/14/2007	32	45		10	0
12/15/2007	32	45		10	0
12/16/2007	32	45		10	0
12/17/2007	32	45		11	0 bp
12/18/2007					0
12/19/2007					0
12/20/2007					0
12/21/2007					0
12/22/2007					0
12/23/2007					0
12/24/2007					0
12/25/2007					0
12/26/2007					0
12/27/2007					0
12/28/2007					0
12/29/2007					0
12/30/2007					0
12/31/2007					0

Total

179

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