

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **AST**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
2/4/2010

API No. 15
181-20367-01-00 -

Company
Rosewood Resources, Inc.

Lease
C. Stasser

Well Number
1-9H

County Location Section TWP RNG (E/W) Acres Attributed
Sherman SESE/4 9 7S 39W 80

Field Reservoir Gas Gathering Connection
Goodland Niobrara Branch Systems Inc.

Completion Date Plug Back Total Depth Packer Set at
8/27/2005 2705'

Casing Size Weight Internal Diameter Set at Perforations To
4 1/2" 11.6# 4.000 2705' 2622' 2638'

Tubing Size Weight Internal Diameter Set at Perforations To
NONE

Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes No
Single (Horizontal) Dry Gas Flowing

Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G_g
Annulus .6

Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size
1020' Flange 2"

Pressure Buildup: Shut in 2-3 20 10 at 4:15 (AM) (PM) Taken 2-4 20 10 at 4:30 (AM) (PM)

Well on Line: Started 2-4 20 10 at 4:30 (AM) (PM) Taken 2-5 20 10 at 5:15 (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 72 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 _e)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						19	33.4				
Flow						15	29.4			72	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _v) (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
						29		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _e) ² - (P _w) ² or (P _e) ² - (P _w) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _e ² - P _w ² 2. P _e ² - P _w ² divided by: P _e ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_e^2 - P_w^2}{P_e^2 - P_w^2}$	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 16 day of December, 20 10

Witness (if any)

For Commission

For Company

For Company

Checked by

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 26 2011

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 C. Stasser 1-9H 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: 12/16/10

Signature: 
Title: Production Assistant

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.

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 26 2011

CONSERVATION DIVISION
WICHITA, KS

W425
 C. Stasser 1-9H
 North Goodland
 Goodland
 None
 February-10

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
2/1/2010	12	25	19	0	cd
2/2/2010	12	25	3	22	
2/3/2010	16	29	0	24	
2/4/2010	17	30	0	24	
2/5/2010	15	28	29	0	
2/6/2010	14	27	23	1.5	
2/7/2010	13	26	23	1	
2/8/2010	13	26	23	0	
2/9/2010	13	26	7	18	
2/10/2010	19	32	0	24	
2/11/2010	18	31	0	24	nb, meth
2/12/2010	18	31	0	15	
2/13/2010	19	32	0	24	
2/14/2010	19	32	0	12	
2/15/2010	20	33	0	18	
2/16/2010	22	35	0	8	
2/17/2010	22	35	0	8	
2/18/2010	18	31	16	8	cd, nb
2/19/2010	17	30	17	6	
2/20/2010	16	29	22	5	
2/21/2010	15	28	29	0	
2/22/2010	14	27	30	0	
2/23/2010	14	27	29	1	
2/24/2010	13	26	26	0	
2/25/2010	13	26	26	1.5	nb, vlv froze
2/26/2010	14	27	19	5.5	
2/27/2010	13	26	28	1	
2/28/2010	13	26	27	0	
3/1/2010	0	0	0	0	
3/2/2010	0	0	0	0	
3/3/2010	0	0	0	0	

Total

396

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 26 2011
 CONSERVATION DIVISION
 WICHITA, KS

W425
 C. Stasser 1-9H
 North Goodland
 Goodland
 None
 March-10

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
3/1/2010	12	25	28	0	nb, vlv froze
3/2/2010	12	25	29	0	
3/3/2010	12	25	27	0	
3/4/2010	12	25	24	0	
3/5/2010	13	26	17	0	
3/6/2010	12	25	29	0	
3/7/2010	11	24	29	0	
3/8/2010	11	24	29	0	
3/9/2010	11	24	29	0	
3/10/2010	11	24	29	0	
3/11/2010	10	23	28	0	
3/12/2010	10	23	28	0	
3/13/2010	10	23	28	0	
3/14/2010	11	24	24	0	
3/15/2010	10	23	27	0	
3/16/2010	10	23	27	0	
3/17/2010	10	23	27	0	
3/18/2010	10	23	27	0	
3/19/2010	10	23	27	0	
3/20/2010	10	23	27	0	
3/21/2010	10	23	26	0	
3/22/2010	10	23	27	0	
3/23/2010	10	23	27	0	
3/24/2010	9	22	27	0	
3/25/2010	9	22	26	0	
3/26/2010	10	23	25	0	
3/27/2010	9	22	26	0	
3/28/2010	9	22	26	0	
3/29/2010	9	22	26	0	
3/30/2010	9	22	23	0	
3/31/2010	10	23	24	0	

Total

823

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 26 2011
 CONSERVATION DIVISION
 WICHITA, KS