

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

Open Flow **RFI**
 Deliverability

Test Date:
5/9/2011

API No. 15
023-21243-00 - 00

Company Rosewood Resources, Inc.		Lease Neitzel		Well Number 11-30	
County Cheyenne	Location NWNW	Section 30	TWP 3S	RNG (E/W) 40W	Acres Attributed 80

Field Cherry Creek	Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.
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Completion Date 9/17/2010	Plug Back Total Depth 1506'	Packer Set at
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Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 6.366	Set at 1546'	Perforations 1330'	To 1360'
Tubing Size NONE 2 3/8"	Weight	Internal Diameter	Set at	Perforations	To

None

Type Completion (Describe) Single (Conventional)	Type Fluid Production Dry Gas	Pump Unit or Traveling Plunger? flowing Pumping Unit <input checked="" type="radio"/> No <input type="radio"/> Flowing
Producing Thru (Annulus / Tubing) Annulus	% Carbon Dioxide	% Nitrogen
Vertical Depth(H) 1553'	Pressure Taps Flange	Gas Gravity - G _g .6 (Meter Run) (Prover) Size 2"

Pressure Buildup: Shut in 5-8	20 11 at 2:30	(AM) (PM) Taken 5-9	20 11 at 3:45	(AM) (PM)
Well on Line: Started 5-9	20 11 at 3:45	(AM) (PM) Taken 5-10	20 11 at 3:55	(AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in **24** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter 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 _e)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						153	167.4				
Flow						80	94.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F _g) 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
						20		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_e)² = 0.207

(P_e)² = _____ ; (P_w)² = _____ ; P_d = _____ % (P_e - 14.4) + 14.4 = _____ ; (P_e)² = _____

(P _e) ² - (P _w) ² or (P _e) ² - (P _d) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _e ² - P _w ² 2. P _e ² - P _d ² divided by: P _e ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_e^2 - P_w^2}{P_e^2 - P_d^2}$	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 28 day of December, 20 11

Witness (if any)

For Commission

[Signature]
For Company

For Company

Checked by

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APR 24 2012

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 Neitzel 11-30 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: 12/28/11

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.

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W2748
 Neitzel 11-30
 St. Francis
 St. Francis
 Flow
 May-11
 FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCL	Water DOWN BLS	REMARKS (Maximum length 110 characters)
5/1/2011		86	99	22				
5/2/2011		86	99	22				
5/3/2011		86	99	22				
5/4/2011		84	97	21				
5/5/2011		83	96	21				
5/6/2011		83	96	21				
5/7/2011		83	96	21				
5/8/2011		133	146	21				
5/9/2011		153	140	0		24		Compressor Down
5/10/2011		128	141	7				
5/11/2011		99	112	38				
5/12/2011		87	100	25				
5/13/2011		84	97	32				
5/14/2011		82	95	23				
5/15/2011		81	94	21				
5/16/2011		80	93	21				
5/17/2011		80	93	21				
5/18/2011		80	93	21				
5/19/2011		79	92	21				
5/20/2011		79	92	21				
5/21/2011		79	92	20				
5/22/2011		84	97	20				
5/23/2011		79	92	21				
5/24/2011		78	91	20				
5/25/2011		78	91	20				
5/26/2011		78	91	20				
5/27/2011		79	92	20				
5/28/2011		80	93	20				
5/29/2011		80	93	20				
5/30/2011		80	93	20				
5/31/2011		80	93	20				

Total

643

0

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W2748
 Neitzel 11-30
 St. Francis
 St. Francis
 Flow
 June-11
 FloBoss

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLEDOWN	Water BBL	REMARKS (Maximum length 110 characters)
6/1/2011		87	100	20				
6/2/2011		81	94	20				
6/3/2011		80	93	20				
6/4/2011		80	93	19				
6/5/2011		81	94	19				
6/6/2011		80	93	19				
6/7/2011		79	92	19				
6/8/2011		79	92	19				
6/9/2011		80	93	19				
6/10/2011		80	93	19				
6/11/2011		80	93	19				
6/12/2011		80	93	19				
6/13/2011		81	94	19				
6/14/2011		81	94	19				
6/15/2011		80	93	19				
6/16/2011		84	97	19				
6/17/2011		82	95	19				
6/18/2011		82	95	19				
6/19/2011		82	95	19				
6/20/2011		82	95	19				
6/21/2011		82	95	19				
6/22/2011		82	95	19				
6/23/2011		94	107	19		1		
6/24/2011		82	95	19				
6/25/2011		82	95	19				
6/26/2011		81	94	19				
6/27/2011		80	93	19				
6/28/2011		81	94	19				
6/29/2011		81	94	19				
6/30/2011		82	95	19				
7/1/2011								

Total

573

0

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W2748
 Neitzel 11-30
 St. Francis
 St. Francis
 Flow
 July-11
 FloBoss

DATE	Tubing Casing		STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI						
7/1/2011		82	95	19				
7/2/2011		69	82	19				
7/3/2011		69	82	19				
7/4/2011		70	83	19				
7/5/2011		81	94	19				
7/6/2011		80	93	19				
7/7/2011		81	94	19				
7/8/2011		81	94	19				
7/9/2011		80	93	19				
7/10/2011		81	94	19				
7/11/2011		80	93	19				
7/12/2011		79	92	19				
7/13/2011		72	85	19		1		
7/14/2011		79	92	18				
7/15/2011		68	81	19				
7/16/2011		68	91	18				
7/17/2011		73	86	18				
7/18/2011		91	104	18				
7/19/2011		81	94	18				
7/20/2011		80	93	18				
7/21/2011		86	99	17				
7/22/2011		77	90	19				
7/23/2011		78	91	19				
7/24/2011		77	90	18				
7/25/2011		77	90	18				
7/26/2011		77	90	18				
7/27/2011		77	90	18				
7/28/2011		78	91	18				
7/29/2011		92	105	18				
7/30/2011		79	92	19				
7/31/2011		79	92	18				

Total

574

0

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