

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow **AST**
 Deliverability

Test Date:
5/9/2011

API No. 15
023-21253-00 - 60

Company Rosewood Resources, Inc.		Lease Neitzel		Well Number 32-25	
County Cheyenne	Location SWNE	Section 25	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 9/18/2010		Plug Back Total Depth 1497'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 6.366	Set at 1532'	Perforations 1348'	To 1378'
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 <input checked="" type="radio"/> No	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1545'		Pressure Taps Flange		Gas Gravity - G _g .6	

Pressure Buildup: Shut in 5-8 20 11 at 2:25 (AM) (PM) Taken 5-9 20 11 at 3:35 (AM) (PM)
 Well on Line: Started 5-9 20 11 at 3:35 (AM) (PM) Taken 5-10 20 11 at 3:50 (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-In 24 Hours

Static / Dynamic Property	Orifice Size (Inches)	Circle one: Meter 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 ₂)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						188	202.4				
Flow						183	197.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _o) (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
						47		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P _e) ² - (P _w) ² or (P _e) ² - (P _g) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _e ² - P _w ² 2. P _e ² - P _g 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" ----- 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) *James G. Geller*
For Commission For Company

For Commission _____
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 Neitzel 32-25 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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W2734

Neitzel 32-25

St. Francis

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Flow

May-11

FloBoss

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI					
5/1/2011		191	130	47			
5/2/2011		191	130	47			
5/3/2011		187	129	47			
5/4/2011		187	129	47			
5/5/2011		187	129	47			
5/6/2011		188	129	48			
5/7/2011		187	129	47			
5/8/2011		187	146	47			
5/9/2011		188	140	0	24		Compressor Down
5/10/2011		187	131	6			
5/11/2011		188	130	41			
5/12/2011		187	130	47			
5/13/2011		188	130	48			
5/14/2011		188	130	48			
5/15/2011		188	130	48			
5/16/2011		188	129	48			
5/17/2011		188	129	48			
5/18/2011		188	130	48			
5/19/2011		186	129	48			
5/20/2011		186	129	48			
5/21/2011		186	129	48			
5/22/2011		186	129	43			
5/23/2011		186	129	47			
5/24/2011		188	129	48			
5/25/2011		186	129	48			
5/26/2011		186	129	48			
5/27/2011		184	129	48			
5/28/2011		183	129	47			
5/29/2011		183	129	47			
5/30/2011		183	129	47			
5/31/2011		183	129	47			

Total

1373

0

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Neitzel 32-25"

St. Francis

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Flow

June-11

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DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBL	REMARKS (Maximum length 110 characters)
	PSI	PSI					
6/1/2011		183	129	45			
6/2/2011		183	129	45			
6/3/2011		183	129	48			
6/4/2011		182	129	48			
6/5/2011		182	129	48			
6/6/2011		181	128	48			
6/7/2011		181	129	48			
6/8/2011		181	129	48			
6/9/2011		181	129	48			
6/10/2011		181	129	48			
6/11/2011		181	129	48			
6/12/2011		181	129	48			
6/13/2011		181	129	48			
6/14/2011		181	128	48			
6/15/2011		181	129	48			
6/16/2011		181	129	46			
6/17/2011		181	129	47			
6/18/2011		181	129	47			
6/19/2011		181	129	47			
6/20/2011		181	129	47			
6/21/2011		181	129	47			
6/22/2011		181	129	47			
6/23/2011		181	129	35	1		
6/24/2011		181	129	45			
6/25/2011		181	128	47			
6/26/2011		181	128	47			
6/27/2011		180	129	47			
6/28/2011		180	129	47			
6/29/2011		179	128	47			
6/30/2011		179	128	47			
7/1/2011							

Total

1404

0

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Neitzel 32-25 #26

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		179	81	47			
7/2/2011		179	81	47			
7/3/2011		179	80	47			
7/4/2011		179	81	47			
7/5/2011		179	128	47			
7/6/2011		179	129	47			
7/7/2011		179	128	47			
7/8/2011		179	128	47			
7/9/2011		179	128	47			
7/10/2011		179	128	47			
7/11/2011		179	128	47			
7/12/2011		179	128	47			
7/13/2011		179	129	47		1	
7/14/2011		179	128	45			
7/15/2011		179	80	46			
7/16/2011		179	80	45			
7/17/2011		179	84	44			
7/18/2011		190	115	45			
7/19/2011		179	128	42		2	
7/20/2011		179	128	45			
7/21/2011		179	128	42			
7/22/2011		179	128	45			
7/23/2011		179	128	46			
7/24/2011		179	128	46			
7/25/2011		179	128	46			
7/26/2011		179	128	46			
7/27/2011		179	128	46			
7/28/2011		179	128	46			
7/29/2011		179	128	42			
7/30/2011		179	114	44			
7/31/2011		179	114	44			

Total

1416

0

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