

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow Deliverability

SI

Test Date:
5/23/2008

API No. 15
023-20613-0000

Company Rosewood Resources, Inc.		Lease Willard		Well Number 1-26	
County Cheyenne	Location NW NE/4	Section 26	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 5/27/2005		Plug Back Total Depth 1506'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1506'	Perforations 1294'	To 1328'
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="checkbox"/> No	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1328'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 5-23 20 08 at 9:00		(AM) (PM) Taken 5-24 20 08 at 9:30		(AM) (PM)	
Well on Line: Started 5-24 20 08 at 9:30		(AM) (PM) Taken 5-25 20 08 at 10:00		(AM) (PM)	

OBSERVED SURFACE DATA

Duration of Shut-in 24 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 _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						65	79.4				
Flow						230	244.4				

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (F _d) 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
						21		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 =$ _____ : $(P_w)^2 =$ _____ : $P_d =$ _____ % $(P_c - 14.4) + 14.4 =$ _____ : $(P_a)^2 = 0.207$
 $(P_d)^2 =$ _____

$(P_c)^2 - (P_a)^2$ 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 12 day of December, 20 08

Witness (if any) _____ For Commission
 _____ For Company
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CONSERVATION DIVISION
WICHITA, KS

SEP 18 2009

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 Willard 1-26 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: 12/12/08

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WICHITA, KS

Signature: *Wayne Mahan*

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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W378
 Willard 01-26
 St. Francis
 St. Francis
 None
 May-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
5/1/2008		76	20	0	
5/2/2008	60	75	20	0	
5/3/2008		75	20	0	
5/4/2008		75	20	0	
5/5/2008		75	20	0	
5/6/2008		76	20	0	
5/7/2008	60	76	20	0	
5/8/2008		73	20	0	
5/9/2008		75	20	0	
5/10/2008		74	20	0	
5/11/2008		74	20	0	
5/12/2008		75	20	0	
5/13/2008		74	20	0	
5/14/2008	60	75	20	0	
5/15/2008		78	20	0	
5/16/2008		74	20	0	
5/17/2008		75	20	0	
5/18/2008		74	20	0	
5/19/2008		73	20	0	
5/20/2008		72	20	0	
5/21/2008		116	20	0	
5/22/2008		65	39	0	
5/23/2008		76	23	0	
5/24/2008	65	81	25	0	shut in for test
5/25/2008	230	66	7	0	open bp
5/26/2008		76	30	0	
5/27/2008		72	27	0	
5/28/2008		71	25	0	
5/29/2008		73	24	0	
5/30/2008		73	24	0	
5/31/2008		73	23	0	

Total

667

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W378
 Willard 01-26
 St. Francis
 St. Francis
 None
 June-08

DATE	Casing			HRS	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF	DOWN	
6/1/2008		72	23	0	
6/2/2008		72	23	0	
6/3/2008	60	72	23	0	
6/4/2008		70	23	0	
6/5/2008		69	22	0	
6/6/2008		68	22	0	
6/7/2008		70	22	0	
6/8/2008		69	23	0	
6/9/2008		70	22	0	
6/10/2008		73	22	0	
6/11/2008	65	77	22	0	
6/12/2008		75	22	0	
6/13/2008		77	22	0	
6/14/2008		77	22	0	
6/15/2008		79	22	0	
6/16/2008		77	22	0	
6/17/2008		75	22	0	
6/18/2008	60	73	21	0	
6/19/2008		72	21	0	
6/20/2008		72	21	0	
6/21/2008		72	21	0	
6/22/2008		72	21	0	
6/23/2008		74	21	0	
6/24/2008		72	21	0	
6/25/2008	60	72	21	0	
6/26/2008		72	21	0	
6/27/2008		72	21	0	
6/28/2008		72	21	0	
6/29/2008		72	21	0	
6/30/2008		72	21	0	
7/1/2008				0	

Total

652

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W378
 Willard 01-26
 St. Francis
 St. Francis
 None
 July-08

DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
7/1/2008		71	21	0	
7/2/2008		76	21	0	
7/3/2008	67	70	21	0	
7/4/2008		70	21	0	
7/5/2008		80	21	0	
7/6/2008		82	21	0	
7/7/2008		80	21	0	
7/8/2008		74	21	0	
7/9/2008		71	21	0	
7/10/2008	60	72	21	0	
7/11/2008		81	21	0	
7/12/2008		72	21	0	
7/13/2008		70	21	0	
7/14/2008		174	21	11	
7/15/2008		114	19	0	
7/16/2008		92	22	0	
7/17/2008	60	76	21	0	
7/18/2008		100	21	0	
7/19/2008		61	20	3	
7/20/2008		66	20	0	
7/21/2008		66	20	0	
7/22/2008		73	20	0	
7/23/2008		73	20	0	
7/24/2008	85	97	20	0	
7/25/2008		92	20	0	
7/26/2008		63	20	0	
7/27/2008		61	20	0	
7/28/2008		70	20	0	
7/29/2008		60	20	0	
7/30/2008		146	20	0	
7/31/2008	50	66	20	5	

Total

637

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