

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

Open Flow **SI**
 Deliverability

Test Date:
7/29/2008

API No. 15
023-20638-0000

Company Rosewood Resources, Inc.		Lease Alvin		Well Number 33-08	
County Cheyenne	Location NESE/4	Section 8	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field St. Francis		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 1-15-2006		Plug Back Total Depth 1614"		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1430'	Perforations 1430'	To 1460'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Conventional)		Type Fluid Production		Pump Unit or Traveling Plunger? Yes / No	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1430'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7-29 20 08 at 10:25 (AM) (PM) Taken 7-30 20 08 at 11:30 (AM) (PM)		Well on Line: Started 7-30 20 08 at 11:30 (AM) (PM) Taken 7-31 20 08 at 11:25 (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						34	48.4				
Flow						134	148.4			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
						13		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207
(P_o)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: 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 11 day of December, 20 08

Witness (if any)

For Commission

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JAN 29 2009

CONSERVATION DIVISION
WICHITA KS

Wayne J. Mahan
For Company

Checked by

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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 Alvin 33-08 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: 12/11/08

Signature: Wayne Mahan

Title: Production Foreman

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WICHITA, KS

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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W361
 Alvin 33-08
 St. Francis
 St. Francis
 Pumping Unit/elec
 July-08

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)		
	PSI	PSI							
7/1/2008			51	15	6.5	2	0	2	
7/2/2008			56	15	6.5	2	0	1	
7/3/2008			50	14	6.5	2	0	2	bucket test 7 min greased
7/4/2008			50	14	6.5	2	0	1	
7/5/2008			65	14	6.5	2	0	2	
7/6/2008			68	14	6.5	2	0	2	
7/7/2008			65	14	6.5	2	0	1	
7/8/2008			60	14	6.5	2	0	2	
7/9/2008			57	14	6.5	2	0	1	
7/10/2008			53	14	6.5	2	0	2	
7/11/2008			55	13	6.5	2	0	1	
7/12/2008			56	14	6.5	2	0	1	
7/13/2008			56	13	6.5	2	0	1	
7/14/2008			167	13	6.5	2	11	1	PU off HFP
7/15/2008			106	7	0	0	0	0	
7/16/2008			83	15	0	0	0	0	PU off HFP
7/17/2008			65	14	0	0	0	0	
7/18/2008			93	14	0	0	0	0	PU off HFP
7/19/2008			46	12	6.5	2	3	0	
7/20/2008			52	13	6.5	2	0	0	started pumping unit
7/21/2008			52	13	6.5	2	0	2	
7/22/2008			58	13	6.5	2	0	1	
7/23/2008			63	13	6.5	2	0	2	
7/24/2008			95	13	6.5	2	0	1	bucket test 7 min
7/25/2008			92	13	6.5	2	0	1	
7/26/2008			51	14	6.5	2	0	1	
7/27/2008			52	14	6.5	2	0	1	
7/28/2008			59	13	6.5	2	0	2	
7/29/2008			47	13	6.5	2	0	1	
7/30/2008			147	14	0	0	0	0	shut in for test
7/31/2008			49	1	6.5	2	5	0	open

Total

404

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W361
 Alvin 33-08
 St. Francis
 St. Francis
 Pumping Unit/elec
 August-08

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)		
	PSI	PSI							
8/1/2008			46	18	6.5	2	0	2	
8/2/2008			46	17	6.5	2	0	1	
8/3/2008			54	16	6.5	2	0	2	
8/4/2008			54	16	6.5	2	0	1	
8/5/2008			49	15	6.5	2	0	2	
8/6/2008			55	15	6.5	2	0	1	
8/7/2008			46	15	6.5	2	0	1	
8/8/2008			54	15	6.5	2	0	3	
8/9/2008			54	15	6.5	2	0	2	
8/10/2008			54	15	6.5	2	0	2	
8/11/2008			53	15	6.5	2	0	1	
8/12/2008			55	15	6.5	2	0	1	
8/13/2008			50	14	6.5	2	0	2	
8/14/2008			51	15	6.5	2	0	1	
8/15/2008			50	15	6.5	2	0	2	
8/16/2008			50	15	6.5	2	0	1	
8/17/2008			51	15	6.5	2	0	2	
8/18/2008			55	15	6.5	2	0	2	
8/19/2008			54	15	6.5	2	0	1	
8/20/2008			56	15	6.5	2	0	2	
8/21/2008			64	15	6.5	2	0	1	
8/22/2008			69	14	6.5	2	0	1	pump off high press on water line
8/23/2008			68	15	0	0	0	0	pump on
8/24/2008			64	15	6.5	2	0	1	
8/25/2008			64	15	6.5	2	0	1	
8/26/2008			66	13	6.5	2	0	1	
8/27/2008			70	13	0	0	0	0	shut pump off
8/28/2008			79	13	0	0	0	0	shut pump off
8/29/2008			65	13	0	0	0	0	pump off
8/30/2008			56	13	0	0	0	0	pump off
8/31/2008			50	13	0	0	0	0	pump off

Total

458

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W361
 Alvin 33-08
 St. Francis
 St. Francis
 Pumping Unit/elec
 September-08

DATE	Tubing Casing		STATIC MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	PSI					
9/1/2008			48	13		0	
9/2/2008			45	13		0	
9/3/2008			44	13		0	
9/4/2008			45	13		0	
9/5/2008			49	12		0	
9/6/2008			185	13	14.5		
9/7/2008			86	8		0	
9/8/2008			48	13		0	
9/9/2008			45	13		0	
9/10/2008			46	12		0	
9/11/2008			60	12		0	
9/12/2008			80	12		0	
9/13/2008			103	12		0	
9/14/2008			42	12		0	
9/15/2008			42	12		0	
9/16/2008			44	12		0	
9/17/2008			44	12		0	
9/18/2008			42	12		0	
9/19/2008			43	12		0	
9/20/2008			40	12		0	
9/21/2008			42	12		0	
9/22/2008			40	12		0	
9/23/2008			38	11		0	
9/24/2008			42	11		0	
9/25/2008			42	11		0	
9/26/2008			43	11		0	
9/27/2008			43	11		0	
9/28/2008			44	11		0	
9/29/2008			43	11		0	
9/30/2008			43	11		0	
10/1/2008						0	
Total			355			0	

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