

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow 24 hr SI
 Deliverability

(See Instructions on Reverse Side)

Test Date:
11-15-2005

API No. 15
023-20536-00-00

Company Rosewood Resources, Inc.		Lease Raymond		Well Number 3-4	
County Cheyenne	Location SESE	Section 4	TWP 3S	RNG (E/W) 42W	Acres Attributed 80
Field St. Francis		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 10-7-2005		Plug Back Total Depth 1773'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1777'	Perforations 1578'	To 1613'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To

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Type Completion (Describe) Single (Vertical)	Type Fluid Production Dry Gas	Pump Unit or Traveling Plunger? Pumping Unit	Yes / No
Producing Thru (Annulus / Tubing) Annulus	% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6
Vertical Depth(H) 1613'	Pressure Taps Flange	(Meter Run) (Prover) Size 2"	

Pressure Buildup: Shut in 11-7 20 05 at 9:00 (AM) (PM) Taken 11-8 20 05 at 10:00 (AM) (PM)

Well on Line: Started 11-8 20 05 at 10:00 (AM) (PM) Taken 11-15 20 05 at 11:00 (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 _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						47	61.6				
Flow						52	66.6			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (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 _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						32		

(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 = _____ ;

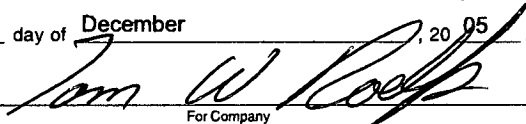
(P _c) ² - (P _a) ² or (P _c) ² - (P _o) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _o ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by: $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	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 27 day of December, 20 05.

Witness (if any)

For Commission



For Company

Checked by

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 Raymond 3-4 gas well on the grounds that said well:

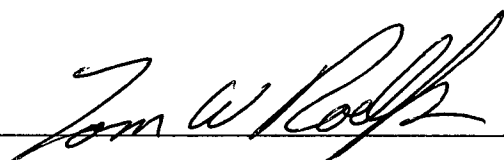
(Check one)

- 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: 12-27-2005

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Signature: 
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.

Monthly Gauge Sheet

Well Name: Raymond 3-4

Pumper: _____

Month 12/05

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	74	X	32			61		
2	61		34			48		
3	58		34			45		
4	58		32			45		
5	63		28			52	off	
6	51		0			38	off	
7	56		17			43	off	
8	64		27			51	off	
9	58		26			45	off	
10	53		27			40	6/24	Restarted
11	51		34			38	6/24	
12	51		34			38	6/24	
13	53		34			40	6/24	Restarted
14	52		30			39	6/24	Restarted
15	52		28			39	6/24	
16	52		27			39	6/24	Engine Troubles
17	52		20			39	6/24	
18	52		23			39	6/24	
19	53		23			40	6/24	
20	54		22			41	6/24	Restarted
21	59		26			46	6/24	Blew BT Lots of water
22	58		31			45	6/24	
23	58		29			45	6/24	
24	58		32			45	6/24	Restart
25	58		28			45	6/24	
26	56		28			43	6/24	ET SWd
27	56		27			43	6/24	
28								
29								
30								
31								
Totals								

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Monthly Gauge Sheet

Well Name: Raymond 3-4

Month: 11/05

Date	MCF	TP	CP	Wtr	Remarks
1	33	—	66		6/24
2	33	—	60		6/24
3	33	—	60		6/24 need seals on gear box
4	28	—	60		6/12 Restarted
5	29	—	62		6/10
6	32	—	60		6/10
7	30	—	60	S/O 9:00 AM	6/12 Restarted
8	19	—	177	47# open	off
9	0	—	92	@ 10:00 AM	High Line Press
10	27	—	76	177#	Restarted 6/12 CD
11	28	—	57		6/24
12	29	—	59		6/24
13	30	—	57		6/24
14	34	—	53		6/12 Restarted
15	32	—	52		6/24
16	30	—	54		6/24 shut off pipeline work
17	31	—	54		off
18	30	—	54		Restarted 6/12
19	32	—	54		6/24
20	33	—	52		6/24
21	34	—	52		6/24
22	39	—	51		6/24
23	34	—	39		6/24
24	34	—	51		6/24
25	32	—	38		6/12 Restarted
26	33	—	39		
27		—			
28	0		175		CP 6
29	0		175		CP 10
30	40		83		
31					

Someone pulled into right-of-way when muddy (tore up ROW)

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Monthly Gauge Sheet

Well Name: *Raymond 3-4* Month: *10/05*

Date	MCF	TP	CP	Wtr	Remarks
1	17		48		
2	18		48		
3	17		47		
4	17		47		<i>Blow Pot</i>
5	17		47		
6	17		48		
7	18		48		
8	17		48		
9	18		48		
10	18		48 50		
11	19		46		
12	19		48		
13	19		47		
14	19		45		
15	21		45		
16	22		46		
17	22		46		
18	20		46		<i>Restarted</i>
19	23		46		
20	26		48		
21	23		48		
22	23		48		
23	22		48		
24	6		120		<i>Haul 90 Bbls</i>
25	28		83		
26	23		70		
27	25		71		
28	23		70		
29	25		64		
30	22		62		<i>Restart</i>
31	31		59		

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