

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
12/28/2006

API No. 15
181-20478-01-00

Company Rosewood Resources, Inc.		Lease Davis		Well Number 41-07H	
County Sherman	Location NENE	Section 7	TWP 7S	RNG (E/W) 39W	Acres Attributed 80
Field Goodland		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 12/11/2006		Plug Back Total Depth 3373'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.000	Set at 3373'	Perforations 3299'	To 3314'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Horizontal)		Type Fluid Production Dry Gas		Pump Unit or Traveling Plunger? Yes / <u>No</u>	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	Gas Gravity - G _g .6
Vertical Depth(H) 3406'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in _____ 20 _____ at _____ (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)					
Well on Line: Started <u>12-28</u> 20 <u>06</u> at <u>9:15</u> (<u>AM</u>) (PM) Taken <u>12-29</u> 20 <u>06</u> at <u>9:30</u> (<u>AM</u>) (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 _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						77	91.4				
Flow						43	57.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (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
						56		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207
(P_d)² = _____

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

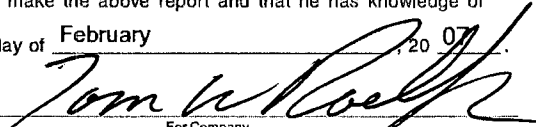
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard 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 28 day of February, 20 07.

Witness (if any)

For Commission


For Company

Checked by
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KANSAS CORPORATION COMMISSION

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MAR 02 2007
KCC WICHITA

APR 06 2007
CONSERVATION DIVISION

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.

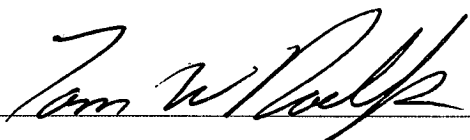
I hereby request a one-year exemption from open flow testing for the Davis 41-07H gas well on the grounds that said well:

(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: 2/28/2007

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.

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CONSERVATION DIVISION KCC WICHITA
WICHITA, KS

Monthly Gauge Sheet

Well Name: Davis 41-07 H

Pumper: _____ Month 12/06

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29						59		1st Gas/9:15A/77mcf
30			70			50		
31			63			43		
Totals								

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 APR 06 2007
 CONSERVATION DIVISION
 WICHITA, KS

Monthly Gauge Sheet ✓

Well Name: Davis 41-07 H

Pumper: _____

Month 1/07

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	56		56			43		
2	52		56			39		
3	55		51			42		
4	59		14			46		Flow 64 RP
5	57		51			44		
6	55		64			42		CO 4 hrs
7	57		64			44		
8	61		61			41		
9	53		56			40		
10	52		56			39		
11	17		52			39		Froze added Melkhand
12	52		50			39		gas flowing at 56
13	51		55			38		
14	50		53			37		
15	50		53			37		
16	51		50			38		Meter not working
17	50		53			37		Gas flowing Meter not working
18	50		53			37		
19	52		25			39		
20	52		25			39		Froze CO 4
21	55		20			42		
22	52		22			42		
23	44		48			31		
24	56		48			43		
25	44		46			31		
26	45		47			32		
27	21		45			8		
28	19		37			6		
29	22		37			9		
30	41		34			28		
31	18		19			5		Frozen change out pipe
Totals								

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CONSERVATION DIVISION
WICHITA, KS

Monthly Gauge Sheet. ✓

Well Name: Davis 41-07 H

Pumper: _____ Month 2/07

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	46		42			33		
2	44		49			31		
3	18		46			5		
4	27		41			14		
5	18		35			5		
6	42		43			29		
7	42		43			29		
8	41		44			28		
9	41		44			28		
10	40		43			27		
11	40		43			27		
12	39		42			26		
13	40		39			27		
14	38		34			25		
15	38		36			26		
16	39		43			26		
17	38		40			25		
18	38		40			25		
19	38		39			25		BP hole
20	38		32			25		" "
21	38		37			25		
22	37		39			24		
23	37		37			24		
24	37		37			24		
25	37		40			24		
26	37		38			24		
27	36		33			23		
28	36		37			23		
29								
30								
31								
Totals								

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 WICHITA, KS

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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- Open Flow
 Deliverability

(See Instructions on Reverse Side)

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Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Horizontal)		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) 3406'		Pressure Taps Flange		Gas Gravity - G _g .6	
				(Meter Run) (Prover) Size 2"	
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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)
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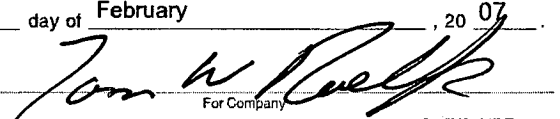
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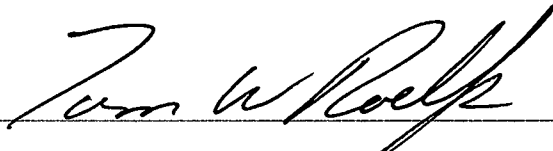
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