

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

Test Date:
3/24/2007

API No. 15
181-20488-01 - ∞

Company Rosewood Resources, Inc.		Lease Crouch		Well Number 21-02H	
County Sherman	Location NENW	Section 2	TWP 7S	RNG (E/W) 39W	Acres Attributed 80
Field Goodland		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 2/28/2007		Plug Back Total Depth 2846'		Packer Set at	
Casing Size 4 1/2"	Weight 11.6	Internal Diameter 4.000	Set at 2846'	Perforations 2779'	To 2794'
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 Flowing	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 2859'		Pressure Taps Flange		Gas Gravity - G _g .6 (Meter Run) (Prover) Size 2"	

Pressure Buildup: Shut in _____ 20 _____ at _____ (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)
Well on Line: Started 3-23 20 07 at 2:30 (AM) (PM) Taken 3-24 20 07 at 3:00 (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P _m)	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						68	82.4				
Flow						39	53.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _v) (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
						28		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207

(P_g)² = _____

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

(P _c) ² - (P _a) ² or (P _c) ² - (P _g) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _g 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 25 day of May, 2007.

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[Signature]
For Company

Witness (if any)

For Commission

JUN 06 2007

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.

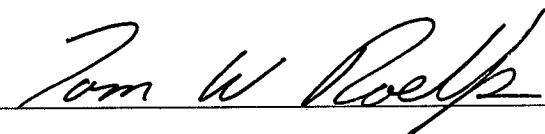
I hereby request a one-year exemption from open flow testing for the Crouch 21-02H gas well on the grounds that said well:

(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: 5/25/2007

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
WICHITA, KS

ROSEWOOD RESOURCES, INC.
DAILY PRODUCTION REPORT

March 2007

ORIF: EFM

WELL: Crouch 21-02H

FIELD: Goodland

DATE	TUBING RESSUR	CASING RESSUR	GATH STATIC	GATH DIFF'L	GATH COEF	GATH MCF	HRS ON	REMARKS
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3/1/2007

3/2/2007

3/3/2007

3/4/2007

3/5/2007

3/6/2007

3/7/2007

3/8/2007

3/9/2007

3/10/2007

3/11/2007

3/12/2007

3/13/2007

3/14/2007

3/15/2007

3/16/2007

3/17/2007

3/18/2007

3/19/2007

3/20/2007

3/21/2007

3/22/2007

3/23/2007

1st gas 2:30pm@32mcf@68#CP

3/24/2007

50

63

28

24

3/25/2007

50

63

28

24

3/26/2007

45

58

35

24

3/27/2007

44

57

31

24

3/28/2007

43

56

31

24

3/29/2007

42

55

30

24

3/30/2007

41

54

30

24

3/31/2007

41

54

29

24

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CONSERVATION DIVISION
WICHITA, KS

ROSEWOOD RESOURCES, INC.

DAILY PRODUCTION REPORT

April 2007

ORIF: EFM

WELL: Crouch 21-02H

FIELD: Goodland

DATE	TUBING RESSUR	CASING RESSUR	GATH STATIC	GATH DIFF'L	GATH COEF	GATH MCF	HRS ON	REMARKS
4/1/2007		41	54			29	24	
4/2/2007		40	53			29	24	
4/3/2007		39	52			28	22	CD 2hr
4/4/2007		39	52			28	24	
4/5/2007		38	51			28	24	BP
4/6/2007		38	51			29	24	
4/7/2007		38	51			27	24	
4/8/2007		38	51			27	24	
4/9/2007		38	51			26	24	
4/10/2007		37	50			27	24	
4/11/2007		37	50			27	24	
4/12/2007		37	50			27	21	BP
4/13/2007		37	50			27	24	
4/14/2007		36	49			27	24	
4/15/2007		36	49			27	24	
4/16/2007		37	50			26	24	
4/17/2007		37	50			26	23	
4/18/2007		36	49			26	24	
4/19/2007		36	49			26	24	
4/20/2007		35	48			26	24	
4/21/2007		35	48			26	24	
4/22/2007		35	48			26	24	
4/23/2007		35	48			26	24	
4/24/2007		34	47			26	24	
4/25/2007		34	47			26	24	
4/26/2007		35	48			26	24	
4/27/2007		34	47			25	24	
4/28/2007		34	47			25	24	
4/29/2007		34	47			23	20	
4/30/2007		34	47			23	20	

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CONSERVATION DIVISION
WICHITA, KS

2420

Crouch 21-02H

North Goodland

Goodland

None

May-07

DATE	Casing		MCF	HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC		DOWN		
5/1/2007	34	47		25	0	
5/2/2007	34	47		25	0	
5/3/2007	34	47		25	0 BP	
5/4/2007	33	46		25	0	
5/5/2007	33	46		25	0	
5/6/2007	33	46		25	0	
5/7/2007	33	46		25	0	
5/8/2007	33	46		25	0	
5/9/2007	33	46		24	0	
5/10/2007	33	46		24	2	
5/11/2007	33	46		24	0	
5/12/2007	33	46		24	0 BP	
5/13/2007	33	46		24	0	
5/14/2007	32	45		24	0	
5/15/2007	43	56		10	17	
5/16/2007	34	47		24	2	
5/17/2007	33	46		25	0	
5/18/2007	33	46		24	0	
5/19/2007	32	45		24	0	
5/20/2007	42	55		12	8	
5/21/2007	34	47		18	8 BP	
5/22/2007	33	46		24	0	
5/23/2007	32	5		24	0	
5/24/2007	36	49		11	11	
5/25/2007	48	61		9	13	
5/26/2007	35	48		22	2	
5/27/2007	33	46		24	0	
5/28/2007	33	46		24	0	
5/29/2007	33	46		23	0	
5/30/2007	32	45		22	3 BP	
5/31/2007	32	45		23	0	

Total

687

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