

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
1/19/2012

API No. 15
181-20580-0100

Company Rosewood Resources, Inc.		Lease Stasser		Well Number 41-16D	
County Sherman	Location NENE	Section 16	TWP 7S	RNG (E/W) 39W	Acres Attributed 80
Field Goodland		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 1/18/2012		Plug Back Total Depth 1465'		Packer Set at	
Casing Size 4.5"	Weight 10.5#	Internal Diameter 4.000	Set at 1467'	Perforations 1324'	To 1394'
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 type="checkbox"/> No <input checked="" type="checkbox"/>	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1482'		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 1-18 _____ 20 12 at 11:15 (AM)(PM) Taken 1-19 _____ 20 12 at 11:30 (AM)(PM)					

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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 (P _m)	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											
Flow						31	45.4			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 (Mcf/d)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						45		

(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: $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcf/d)

Open Flow Mcf/d @ 14.65 psia Deliverability Mcf/d @ 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 20 day of December, 20 12.

Witness (if any)


For Company

For Commission

Checked by

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Form G-2
(Rev. 7/03)

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.

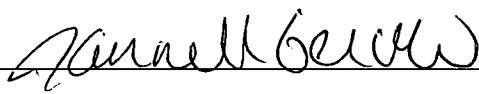
I hereby request a one-year exemption from open flow testing for the Davis 41-07H gas well on the grounds that said well:

(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: 12/20/12

Signature: 
Title: Production Assistant

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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stasser 41-16d

North Goodland

Goodland

None

January-12

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DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
1/1/2012	0	0	0	0	0
1/2/2012	0	0	0	0	0
1/3/2012	0	0	0	0	0
1/4/2012	0	0	0	0	0
1/5/2012	0	0	0	0	0
1/6/2012	0	0	0	0	0
1/7/2012	0	0	0	0	0
1/8/2012	0	0	0	0	0
1/9/2012	0	0	0	0	0
1/10/2012	0	0	0	0	0
1/11/2012	0	0	0	0	0
1/12/2012	0	0	0	0	0
1/13/2012	0	0	0	0	0
1/14/2012	0	0	0	0	0
1/15/2012	0	0	0	0	0
1/16/2012	0	0	0	0	0
1/17/2012	0	0	0	0	0
1/18/2012	0	0	0	0	0
1/19/2012	31	44	21	0	put on line @ 45 mcf @ 31 # CP
1/20/2012	32	45	29	0	
1/21/2012	32	45	29	0	
1/22/2012	32	45	31	0	
1/23/2012	31	44	30	0	
1/24/2012	30	43	29	0	
1/25/2012	30	43	27	0	
1/26/2012	29	42	28	0	
1/27/2012	28	41	28	0	
1/28/2012	27	40	26	0	
1/29/2012	27	40	25	0	
1/30/2012	26	39	26	0	
1/31/2012	26	39	26	0	

Total

355

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stasser 41-16d

North Goodland

Goodland

None

February-12

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DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
2/1/2012	25	38		25	0
2/2/2012	25	38		24	0
2/3/2012	24	37		24	0
2/4/2012	24	37		24	0
2/5/2012	23	36		22	0
2/6/2012	23	36		21	0
2/7/2012	22	35		22	0
2/8/2012	22	35		21	0
2/9/2012	22	35		19	1
2/10/2012	24	37		14	11
2/11/2012	23	36		20	0
2/12/2012	22	35		20	0
2/13/2012	21	34		20	0
2/14/2012	21	34		20	0 bp
2/15/2012	21	34		21	0
2/16/2012	20	33		20	0
2/17/2012	20	33		19	0
2/18/2012	19	32		19	0
2/19/2012	19	32		19	0
2/20/2012	19	32		19	0
2/21/2012	18	31		18	0
2/22/2012	18	31		18	0
2/23/2012	18	31		19	0
2/24/2012	18	31		19	0 Mark with King calibrated, corrected dif. Said flo
2/25/2012	17	30		18	0
2/26/2012	17	30		22	0
2/27/2012	17	30		21	0
2/28/2012	16	29		21	0
2/29/2012	16	29		22	0
3/1/2012	0	0		0	0
3/2/2012	0	0		0	0

Total

591

W2760
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 North Goodland
 Goodland
 None
 March-12

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DATE	Casing PSI	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
3/1/2012	16	29		21	0
3/2/2012	16	29		21	0
3/3/2012	16	29		20	0
3/4/2012	15	28		20	0
3/5/2012	15	28		21	0
3/6/2012	15	28		20	0
3/7/2012	15	28		20	0
3/8/2012	15	28		20	0
3/9/2012	15	28		19	0
3/10/2012	15	28		19	0
3/11/2012	15	28		20	0
3/12/2012	14	27		20	0
3/13/2012	14	27		19	0
3/14/2012	14	27		19	0
3/15/2012	14	27		19	0
3/16/2012	14	27		19	0
3/17/2012	14	27		19	0
3/18/2012	14	27		18	0
3/19/2012	14	27		18	0
3/20/2012	14	27		18	0
3/21/2012	14	27		18	0
3/22/2012	13	26		18	0
3/23/2012	13	26		18	0
3/24/2012	13	26		18	0
3/25/2012	13	26		18	0
3/26/2012	13	26		18	0
3/27/2012	13	26		18	0
3/28/2012	13	26		18	0
3/29/2012	13	26		17	0
3/30/2012	13	26		17	0
3/31/2012	13	26		17	0

Total

585