KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | | 6 | R.T | | | (| See Instru | ictions on | Rev | erse Sid | θ) | | | | | |
|--|---------------------------------|-------------|--|---|--|---|------------|---|---|--------------------------|-----------------------|------------------------------|---|--------------|---------------------|---------------------------|
| | | w 🄉 | سبعريا | | | Test Date | 9 : | | | | | No. 15 | | | | |
| De | liverab | ilty ——— | | | | 7/9/201 | 5 | | | | 023 | -20607-00 | 0 | | | |
| Company Rosewoo | | source | es, Inc. | | | | | Lease Zwey | | -dt | | | | 2-24 | Well N | lumber |
| County Location Cheyenne NE NE/4 | | | | | Section 24 | | TWP 3S | | | | RNG (E/W) 41W | | | Acres 80 | Attributed | |
| Field Cherry Creek | | | | | Reservoir Niobrara | | | Gas Gathering Co Branch Systems | | | | | n | | | |
| Completion 5/4/2005 | | е | | | | Plug Bac 1425' | k Total De | pth | | | Packer S | et at | | - | | |
| Casing Size Weight 4 1/2" 10.5# | | | | | | Internal D | | Set at 1425' | | | Perforations 1202' | | | , | - 11 | |
| Tubing Si | ize | | Wei | | | Internal E | Diameter | | Set at | | | Perforations | | | • • | |
| Type Con Single (| | | | | | Type Flui | d Producti | on | | | | it or Traveling | Plur | nger? (Yes |)/ No | |
| Producing Annulus | g Thru | | | ing) | | | arbon Dio | xide | | | % Nitrog | <u> </u> | | Gas G | iravity - | G, |
| Vertical D | | () | | | | | | essure Taps nge | 3 | | _ | | | | Run) (i | Prover) Size |
| Pressure | Buildu | p: Sh | ut in | .9 | | 0_15_at_9: | | | M) - | Taken_7 | -10 | 20 | 15 | at 10:00 | | (AM) PM) |
| Well on L | .ine: | Sta | arted 7- | 10 | 20 | 0 <u>15</u> at <u>1</u> | 0:00 | _ | | | | 20 | | | | (AM) PM) |
| | | | | | | | OBSERV | ED SURF | ACE | DATA | _ | | Dura | ation of Shu | t-in_24 | 1Hou |
| Static / Dynamic Property | dic / Orifice Meter Differentia | | | Flowing Temperature t | Wellhe | Casing Wellhead Pressure (P_w) or (P_t) or (P_c) | | | (P _w) or (P _t) or (P _c) | | | Liquid Produced (Barrels) | | | | |
| Shut-In | | | psig (Pm) Inches H ₂ 0 | | | | | | psia 116.4 | | | | | | | |
| Flow | | | | 47 | 47 61.4 | | | | 24 | | | | | | | |
| | | | | | <u>_</u> _ | | FLOW ST | REAM AT | TRI | BUTES | | | | | | |
| IT VIT V Prover Processes | | | Press Extension ✓ P _m x h | Grav Faci F _c | Flowing Temperatur Factor F,, | Temperature Factor | | Peviation Metered Flo Factor R F _{pv} (Mcfd) | | GOF (Cubic F Barre | | eet/ | Flowing Fluid Gravity G _m | | | |
| | | | | | | | | | | | | 29 | | | | |
| (P)2 == | | | (P)2 | ·_ | | (OPEN FLO | , , | IVERABILI | • | | _ATIONS | | _ | |) ² = 0. | |
| $ \begin{array}{c cccc} (P_c)^2 = & & : & (P_w)^2 = & \\ \hline (P_c)^2 - (P_a)^2 & & (P_c)^2 - (P_w)^2 & & 1. \ P_c^2 - P_c \\ (P_c)^2 - (P_d)^2 & & & 2. \ P_c^2 - P_c \\ & & & & & & & \\ \hline (P_d)^2 - (P_d)^2 & & & & \\ \end{array} $ | | | se formula 1 or 2: | LOG of formula 1. or 2. and divide | Back | Backpressure Curv Slope = "n"or Assigned Standard Slope | | | n x LOG | | Antilog | | Open Flow Deliverability Equals R x Antilog (Mcfd) | | | |
| | | _ | | | | | _ | | | | | | | | | |
| O Fl- | | | | | | 05 | | Dalina | | | | | Matel | 1 @ 14 SE p | | |
| Open Flor | | ioned a | uthority | | Mcfd @ 14. | • | tates that | Delive | _ | | n make th | e above repo | | 1 @ 14.65 p | | wledge of |
| | | | | | | and correc | | | | | | | nt an | | | , ₂₀ <u>15</u> |
| | | | | | | | | ATIH: | | | an l | / | 11 | last. | (D) | <u>/</u> |
| | | | Witnes | s (if any) | 1 | | | | _ | | Jeger V | For | Compar | ny | 1 | |
| | | | For Cor | nmission | 1 | ——API | R 07 2 | ZU 10 | - | | | Che | cked by | у | | |
| | | | | | | F | RECEI | VED | | | | | | | | |

| 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 Zweygardt 2-24 |
| 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 Commissio |
| staff as necessary to corroborate this claim for exemption from testing. |
| |
| Date: 12/18/15 |
| |
| |
| |
| WOUNTA COMMINISTER |
| KCC WICHITA Signature: Canul Matting |
| APR 07 2016 Title: Production Assistant |
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| MEOE. |

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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| | | | | 824 | | | Fotal |
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| 6 | 0 | ε | ¿.r | 67 | 09 | Lħ | \$107/1 <i>2/L</i> |
| 6 | 0 | 3 | č.7 | 67 | 09 | Lt | \$107/08/L |
| 6 | 0 | ε | 5. <i>T</i> | 67 | 09 | Lt | 21/29/2012 |
| 6 | 0 | ε | S.T | 57 | 09 | Lħ | 7/28/2012 |
| 6 | 0 | ٤ | č.T | 67 | 09 | Lħ | \$107/L7/L |
| 6 | 0 | ε | S.T | 67 | 19 | 87 | 2/56/5012 |
| 6 | 0 | ε | S.7 | 67 | 19 | 8₺ | \$107/\$7/L |
| 6 | 0 | ε | 5°L | 67 | 19 | 84 | \$107/77/L |
| 6 | 0 | ε | S.T | 56 | 19 | 81⁄2 | 7/23/201 <i>2</i> |
| 6 | 0 | 3 | Z.T | 67 | 19 | 81 | 2/22/201 <i>2</i> |
| 6 | 7 | ε | S.T | 97 | 99 | 53 | \$107/17/ <i>L</i> |
| 6 | 0 | ε | 5. 7 | 78 | 19 | 8₺ | \$107/07/L |
| 6 | 0 | ε | 5.7 | 82 | 19 | 81 | 7/19/2012 |
| 6 | 0 | 3 | S.T | LZ | 79 | 67 | \$107/81/ <i>L</i> |
| 6 | 0 | ε | S.T | LZ | 79 | 67 | \$107/11/L |
| 6 | 0 | ε | č. 7 | L۲ | 79 | 67 | \$107/91/L |
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| | | ٤ | | | | | \$107/11/ <i>L</i> |
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| 16 | 91 | ε | 5.7 | 67 | 79 | 6 † | 7/8/2015 |
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W386 Zwevgardu02-24

St. Francis

St. Francis

None

August-15

FloBoss

| FloBoss | | | | | | | _ | | | |
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| | Casing | | | | | | HRS | W | ater | REMARKS |
| DATE | PSI | STATIC | MCF | 5 | SPM | CYCLE | DOWN | B | BLS | (Maximum length 110 characters) |
| 8/1/2015 | | 47 6 | 50 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/2/2015 | | 47 <i>e</i> | 60 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/3/2015 | | 48 <i>e</i> | 51 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/4/2015 | | 47 | 50 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/5/2015 | | 47 | 50 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/6/2015 | | 47 | 60 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/7/2015 | | 47 <i>e</i> | 60 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/8/2015 | | 48 6 | 51 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/9/2015 | | 49 | 52 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/10/2015 | | | 54 | 29 | 7.5 | | | 0 | 8 | |
| 8/11/2015 | | | 55 | 29 | 7.5 | | | 0 | 8 | |
| 8/12/2015 | | 52 (| 55 | 29 | 7.5 | 3 | | 0 | 8 | |
| 8/13/2015 | | 53 | 56 | 28 | 7.5 | 3 | | 0 | 8 | |
| 8/14/2015 | | 53 | 66 | 28 | 7.5 | 3 | | 0 | 8 | |
| 8/15/2015 | | 53 | 56 | 28 | 7.5 | 3 | , | 0 | 8 | |
| 8/16/2015 | | 54 | 57 | 28 | 7.5 | 3 | 1 | 0 | 8 | |
| 8/17/2015 | | 54 | 57 | 28 | 7.5 | 3 | 1 | 0 | 8 | |
| 8/18/2015 | | 53 | 66 | 28 | 7.5 | 3 | | 0 | 8 | |
| 8/19/2015 | | 53 | 6 | 28 | 7.5 | 3 | ; | 0 | 8 | |
| 8/20/2015 | | 53 | 66 | 28 | 7.5 | 3 | | 0 | 8 | |
| 8/21/2015 | | 53 | 66 | 28 | 7.5 | 3 | 1 | 0 | 8 | |
| 8/22/2015 | | 53 | 66 | 28 | 7.5 | 3 | 1 | 0 | 8 | |
| 8/23/2015 | | | 66 | 28 | 7.5 | | 1 | 0 | 8 | |
| 8/24/2015 | | 53 | 56 | 28 | 7.5 | 3 | ŀ | 0 | 8 | |
| 8/25/2015 | | 56 | 59 | 27 | 7.5 | 3 | i | 0 | 8 | |
| 8/26/2015 | | 56 | 59 | 27 | 7.5 | 3 | i | 0 | 8 | |
| 8/27/2015 | | 56 | 59 | 27 | 7.5 | ; 3 | } | 0 | 8 | |
| 8/28/2015 | | 56 | 59 | 27 | 7.5 | | | 0 | 8 | |
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| 8/30/2015 | | | 59 | 27 | 7.5 | | | 4 | 8 | |
| 8/31/2015 | | 566 | <u>59</u> | 27 | 7.5 | ; 3 | · | | 8_ | |
| Total | | | | 873 | | | | | 248 | |

KCC WICHITA APR 07 2016

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RECEIVED 8105 TO 89A KCC WICHITA

| | 81 | 7 | | | | 843 | | | | | Total |
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| | | | | ε | s.r | | | :I | | | 10/1/5012 |
| | 8 | 0 | | ε | S.T | 82 | | 79 | ΙS | | \$102/08/6 |
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| | 8 | 0 | | ε | ¿.T | 28 | | 79 | IS | | 9/22/2015 |
| | 8 | 0 | | ε | č.T | 28 | | 79 | IS | | 5107/17/6 |
| | 8 | 0 | | ε | Z.T | 28 | | 79 | IS | | \$107/07/6 |
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| (crosonmus of t ingust timiting that) | ᡥ | | | ACFE | | | MCF. | STATIC S | | 10.7 | OVIE |
| (Maximum length 110 characters) | | BBFS | DOMN | a INV | | MAS | BUNE | DITAT | | Casing PSI | ∃TAC |
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September-15

None

St. Francis

St. Francis

