KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test: | | | | (- | See Instructi | ons on Re | verse Side |) | | | | |
|--|--|--|---|--|--|--|---|--|------------------------------------|------------------------------------|-----------------------------|---|
| Оре | Open Flow Test Date: Deliverability 2/4/2009 | | | | API No. 15 181-20485-01 - ~~ | | | | | | | |
| Company | nd Reso | urces, Inc. | | 2/4/2000 | i | Lease Cole | | | | | Well Nu | mber |
| | | | Section 14 | | TWP 7S | | RNG (E/W) 39W | | | Acres Attributed 80 | | |
| · | | | Reservoir Niobrara | | | | | ering Conne Systems Inc | | | | |
| Completion Date | | | Plug Back 3262' | Total Depth | 1 | | Packer Se | et at | | | | |
| Casing Size Weight | | | Internal D | Internal Diameter 4.000 | | Set at 3262' | | ations 3' | то 3203' | | | |
| | bing Size Weight | | Internal Diameter | | Set at | | Perforations | | То | | | |
| | | Describe) | | | Type Fluid Production Dry Gas | | | | Pump Unit or Traveling Plu Flowing | | unger? Yes / No | |
| Producing | Thru (A | nnulus / Tubing | 3) | | % Carbon Dioxide | | Je | | en | Gas Gravity - G _g .6 | | i _g |
| Annulus Vertical Do | | | | | Pressure Taps | | | | | (Meter | Run) (Pr | over) Size |
| 3309' | | | | | Flang | | | <u> </u> | | | | 7 |
| Pressure I | Buildup: | | | | 0 09 at 10:05 0 09 at 10:20 | | (AM) (PM) Taken 2- | | | 09 at 10:20 09 at 11:05 | | AM) (PM) |
| Well on Li | ine: | Started 2-4 | 2 | 0 at | U.LU | (M) (PM) | Taken | | 20 | at | | AWI) FWI) |
| | | | | | OBSERVE | | | T | V.b.: | Duration of Shut | 72 -in | Hours |
| Static / Dynamic Property | Static / Orifice Meter Di | | | Flowing Well Head Temperature t t | | Casing Wellhead Pressure (P _w) or (P _t) or (P _c) | | Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia | | Duration (Hours) | , , | d Produced Barrels) |
| Shut-In | | psig (Pm) | Inches H ₂ 0 | | | psig 11 | 25.4 | psig | psia | | | |
| Flow | | | | | | 14 | 28.4 | | | 72 | 0 | |
| | | | | | FLOW STR | EAM ATT | RIBUTES | | | | | T 1 |
| Plate Coefficient (F _b) (F _p) Mcfd | | Circle one: Meter or Prover Pressure psia Press Extension Pm x h | | Fac | Gravity Factor F _g | | Flowing Devia Temperature Factor F _p | | | | t eet/ I) | Flowing Fluid Gravity G _m |
| | | | | | | l l | | | 10 | | | |
| | | | | - | OW) (DELIV | 1 | | | | | $(a)^2 = 0.2$ $(a)^2 = 0.2$ | 207 |
| (P _c) ² = | | : (P _w) ² = | Choose formula 1 or | $\frac{P_d}{z}$ | <u> </u> | T + | (P _c - 14.4) + | | | ,,, | | pen Flow |
| $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$ | | (P _c) ² - (P _w) ² | P_c² - P_a² P_c² - P_d² divided by: P_c² - P | 2 - p 2 LOG of formula 1. or 2. and divide p 2 - p 2 | | Backpressure Curve Slope = "n" Slope = "n" Assigned Standard Slope | | n x i | LOG | Antilog | De Equal | liverability s R x Antilog (Mcfd) |
| | | | | | | - | | | | | | |
| | | | | 1.05 | | Delivera | | | | Mcfd @ 14.65 p | sia | |
| Open Flo | | | Mcfd @ 14 | | etatas that h | <u> </u> | | to make th | ne above reno | ort and that he l | | vledge of |
| | | ned authority, or erein, and that s | | | | 1 | | day of | lovember | | 1/ | ₂₀ <u>09</u> . |
| | | | | | | | | /on | n W | Koll | 12 | RECEIVE |
| | | Witness | (if any) | | | 1 | | | | Company | N | OV 30 20 |
| | | For Com | mission | | | 1 | <u>-</u> | | Che | ecked by | W G | ·c wich |

| | | | | | | | | | |
|---------------------|--|---|--|--|--|--|--|--|--|
| | ! | | | | | | | | |
| | I | | | | | | | | |
| I declare unde | er penalty of perjury under the law | ws of the state of Kansas that I am authorized to request | | | | | | | |
| exempt status und | er Rule K.A.R. 82-3-304 on behalf | of the operator Rosewood Resources, Inc. | | | | | | | |
| | | atements contained on this application form are true and | | | | | | | |
| | | d upon available production summaries and lease records | | | | | | | |
| of equipment insta | llation and/or upon type of comple | tion or upon use being made of the gas well herein named. | | | | | | | |
| I hereby reque | st a one-year exemption from ope | en flow testing for the Cole 14-14H | | | | | | | |
| | ounds that said well: | | | | | | | | |
| | | | | | | | | | |
| (Check | | | | | | | | | |
| | 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 | | | | | | | | |
| | | ; KCC approval Docket No. | | | | | | | |
| \checkmark | is not capable of producing at a | daily rate in excess of 250 mcf/D | | | | | | | |
| I fourth our groups | to cumply to the best of my shilit | y any and all supporting documents deemed by Commission | | | | | | | |
| | to supply to the best of my ability to corroborate this claim for exe | | | | | | | | |
| stan as necessary | 10 COMODOIALE UNS CIAIM FOR EXE | mphon non testing. | | | | | | | |
| | • | | | | | | | | |
| Date: 11/16/09 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | Jane (e) Health | | | | | | | |
| | Signature | | | | | | | | |
| | Title | e: 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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NOV 3 0 2009
KCC WICHITA

W2424 Cole 14-14H North Goodland Goodland None February-09

| | Casing | | | HR | s | REMARKS |
|----------|--------|--------|-------|----|----------|---------------------------------|
| DATE | PSI | STATIO | C MCF | DO | WN | (Maximum length 110 characters) |
| 2/1/2009 |) | 11 | 24 | 10 | 0 | |
| 2/2/2009 |) | 11 | 24 | 10 | 0 | |
| 2/3/2009 |) | 18 | 31 | 5 | 12 | |
| 2/4/2009 |) | 18 | 31 | 0 | 24 | |
| 2/5/2009 |) | 18 | 31 | 0 | 24 | |
| 2/6/2009 |) | 18 | 31 | 0 | 24 | |
| 2/7/2009 |) | 18 | 31 | 5 | 10 | bp |
| 2/8/2009 |) | 14 | 27 | 13 | 0 | |
| 2/9/2009 |) | 14 | 27 | 10 | 0 | |
| 2/10/200 | 9 | 14 | 27 | 10 | 5 | |
| 2/11/200 | 9 | 14 | 27 | 10 | 2 | |
| 2/12/200 | 9 | 15 | 28 | 11 | 0 | |
| 2/13/200 | 9 | 15 | 28 | 11 | 0 | |
| 2/14/200 | 9 | 15 | 28 | 11 | 0 | |
| 2/15/200 | 19 | 15 | 28 | 11 | 0 | |
| 2/16/200 | 19 | 15 | 28 | 11 | · 0 | |
| 2/17/200 | 9 | 15 | 28 | 11 | 0 | |
| 2/18/200 |)9 | 13 | 26 | 10 | ¦ 0 | bp |
| 2/19/200 |)9 | 13 | 26 | 10 | 0 | |
| 2/20/200 |)9 | 13 | 26 | 10 | 0 | |
| 2/21/200 |)9 | 13 | 26 | 10 | , 0 | |
| 2/22/200 |)9 | 13 | 26 | 10 | 0 | |
| 2/23/200 |)9 | 13 | 26 | 10 | ¦ 0 | 1 |
| 2/24/200 |)9 | 13 | 26 | 10 | 0 | 1 |
| 2/25/200 |)9 | 13 | 26 | 10 | 0 | |
| 2/26/200 |)9 | 13 | 26 | 10 | 0 |) |
| 2/27/200 |)9 | 13 | 26 | 10 | ; 6 | |
| 2/28/200 |)9 | 13 | 26 | 9 | 6 | 5 |
| 3/1/200 | 9 | | | | 0 | |
| 3/2/200 | 9 | | | | ¦ 0 | |
| 3/3/200 | 9 | | | | ¦ O |) |

Total 248

W2424 Cole 14-14H North Goodland Goodland None March-09

| | Casing | | | | .S | REMARKS | | |
|-----------|--------|--------|------------|----|-----|---------------------------------|--|--|
| DATE | PSI | STATIC | MCF | DO | WN | (Maximum length 110 characters) | | |
| 3/1/2009 | 1 | 8 3 | 1 | 4 | 0 | | | |
| 3/2/2009 | 1 | 8 3 | 1 | 6 | 0 | | | |
| 3/3/2009 | . 1 | 8 3 | 1 | 8 | 0 | | | |
| 3/4/2009 | 1 | 8 3 | 1 | 9 | 0 | | | |
| 3/5/2009 | 1 | 4 2 | .7 | 10 | 0 | bp | | |
| 3/6/2009 | 1 | 4 2 | .7 | 10 | 0 | | | |
| 3/7/2009 | 1 | 4 2 | 27 | 10 | 0 | | | |
| 3/8/2009 | 1 | 4 2 | 27 | 10 | 0 | | | |
| 3/9/2009 | 1 | 4 2 | 27 | 10 | 0 | | | |
| 3/10/2009 | 1 | .4 2 | 27 | 10 | 0 | | | |
| 3/11/2009 | 1 | .4 2 | 27 | 10 | 0 | | | |
| 3/12/2009 | 1 | .4 2 | 27 | 10 | 0 | | | |
| 3/13/2009 | 1 | .2 2 | 25 | 10 | 0 | | | |
| 3/14/2009 | 1 | 2 2 | 25 | 10 | 0 | | | |
| 3/15/2009 | 1 | 12 | 25 | 10 | , 0 | | | |
| 3/16/2009 | 1 | 12 | 25 | 10 | , 0 | | | |
| 3/17/2009 | 1 | 12 | 25 | 10 | . 0 | | | |
| 3/18/2009 |] | 12 | 25 | 10 | 0 | | | |
| 3/19/2009 | • | 12 | 25 | 10 | 0 | | | |
| 3/20/2009 | | 12 | 25 | 10 | 0 | | | |
| 3/21/2009 | • | 12 | 25 | 10 | 0 | | | |
| 3/22/2009 | | 12 | 25 | 10 | . 0 | | | |
| 3/23/2009 | | 12 | 25 | 10 | 0 | | | |
| 3/24/2009 | | 11 | 24 | 10 | C | | | |
| 3/25/2009 | | 11 | 24 | 10 | ¦ C | | | |
| 3/26/2009 | | | 24 | 10 | C | | | |
| 3/27/2009 | | | 24 | 10 | C | | | |
| 3/28/2009 | | | 24 | 10 | | | | |
| 3/29/2009 | | | 24 | 10 | ¦ (| | | |
| 3/30/2009 | | | 24 | 10 | . (| | | |
| 3/31/2009 | | 11 | <u> 24</u> | 10 | (|) | | |

Total 297

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