KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Tes | | | | | (See Instructions on Reverse Side) | | | | | | | | |
|--|----------------------------|---|------------------------------|--|------------------------------------|--------------------------|-----------------------------|---|--|------------------|---------------------------------------|--|---------------------------|
| Open Flow | | | | | Test De | Test Date: | | | | | | | |
| Deliverabilty | | | | resi Date; | | | | API No. 15 | | | | | |
| Endeavor Fre can Recover | | | | | ρ | Lease | O O Well Number | | | | | | |
| Endeavor Energy Resour, | | | | ے ردے ے Section | / | | R. Campbell TWP RNG (E/W) | | | <u> </u> | 24-3 | | |
| Montgomery NWNWSW | | | a^ | <u> </u> | 345 | S 16E | | | 5 | Acres Attributed | | | |
| Coffequille | | | | tlesu | ille | Gas Gathering Connection | | | ection | | | | |
| Completion Date | | | | Plug Ba | ck Total D | epth | | Packer | Set at | | | | |
| Casing Size Weight | | | Internal | Diameter | Set | at | Perf | orations | То | | | | |
| | 10.5 Tubing Size Weight | | | Internal | Diameter | | <u>997</u> 745. | | | <u>5 - 747,5</u> | | | |
| _none | | | | | | | | Perforations To | | | | | |
| Type Completion (Describe) Perforated | | | | | Type Fluid Production None | | | Pump Unit or Traveling Plunger? Yes / Nb | | | | | |
| Producing | Thru (An | inulus / Tut | bing) | | | % Carbon Dioxide | | | % Nitrogen Gas Gravity - G | | | | |
| Vertical D | epth(H) | | | | | | | | | | | Gravity 1 | ٥, |
| 756 | | | | Pressure Taps Flange | | | | (Meter Run) (Prover) Size | | | | | |
| Pressure I | Buildup: | Shut in | 5-6 | 7 2 | o_∐_ at | 9:00 | _ (FM) (PM) | | 5-1 | O 20 | $\frac{1}{1}$ | .06 | |
| Well on Li | ne; | Started | 5-1 | . ^ | - | 10:00 | _ (AM) (PM) | | 5-1 | | | 00 | (AM)(PM) |
| | | - | | | | | (AM) (FM) | laken | | 20 | LL_ at | 1:00 | (AM) (PM) |
| Statio / | 0-16- | Circle on | o: T | Pressure | | OBSERV | ED SURFAC | E DATA | r | | Duration of Shu | ut-in | Hours |
| Dynamic | ynamic Size Prover Procure | | | Flowing Temperature | Well Head | a 1 | Casing Wellhead Pressure | | Tubing ad Pressure | Duration | | Liquid Produced | |
| Property | ity (iliches) m | | in nches H ₂ 0 | 1 + 1 . | | (P _w) or (F | psia | (P,) o | r (P ₁) or (P ₂) | (Hours) | 4 | (Barrels) | |
| Shut-In | ·625 | | | | | | 85 | | psig | psia | 24 | - | |
| Flow | .625 | 9.4 | , | 22 | 60 | NA | 50 | | | | <u>a</u> | | |
| | | | | | | FLOW ST | REAM ATTR | IBUTES | | | <u> </u> | | <u>ر</u> |
| Plate Coeffiecie | | Circle one: Materior c | | Press | Gravity | | Flowing | | ristion Metered Flow | | | | Flowing |
| (F _b) (F _p) Mofd | Pro | ver Pressure | | Path | Fact F, | 1 | Temperature Factor | actor Facto | | Metered Flow | GOR (Cubic F | eet/ | Fluid |
| | THE TO | | | | <u> </u> | | F _{It} | F, | * | (Mcfd) | Barrei |) | Gravity G _m |
| | ! | | | | <u></u> | | | | | | | | |
|)² = | : | (P)² | _ | | | | VERABILITY) | | | | (P |)² = 0.20 | 17 |
| | | | Choose | formula 1 or 2: | P _a = _ | | | _c - 14.4) + 1 | 4.4 = | : | |) ² = | <u></u> |
| $(P_e)^2 \cdot (P_a)$ or $(P_b)^2 \cdot (P_d)$ | , - | (P _c)² - (P _*)² | | P2. P3 | LOG of formula | | Slop | sure Curve e = "n" | n x L | | Antilog | Open Flow Deliverability Equals R x Antilog | |
| (P _E)2- (P _d) | " | | | P _a 2 - P _a 2 py: P _a 2 - P _a 2 | 1. or 2, and divide by: | P,2. P,3 | Ass | gned | " ` ` | | | | |
| | | | | w | 37. | | Standa | rd Slope | + | | | | Mc(d) |
| | | | | | | | + | | | | | <u> </u> | |
| pen Flow | L | | Mo | ofd @ 14.65 | | | | | <u> </u> | | · · · · · · · · · · · · · · · · · · · | <u></u> | |
| The unc | tersigned | authority o | | | | | Deliverabil | | | Mo | ofd @ 14,65 psi | a | |
| facts state | ed thereio | and that a | ni UBNA | an of the C | ompany, sta | ates that h | e is duly aut | horized to | make the | above report | and that he ha | is knowle | idge of |
| 0.411 | moroni, | ano mars | alo teb | oit is true a | and correct. | Executed | this the | ₹ \$ da | y of _C | ray | | | 11 |
| Witness (if any) | | | | | | | | | De Di 10 | | | RECEIVED | |
| | For Comm | | | | | | | 0 | For Com | Dany | JUN | 27 2011 | |
| | | . G Const | пОкасы | | | · - | | | | Checked | | | |
| | | | | | | | | | | Checked | | KCC | WICHIT |

| 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 <u>Endeavor Energy Resources</u> , LP 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 <u>R. Campbell</u> <u>24-3</u> 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: 5-25-11 |
| Signature: Ja Duhill Title: Operations Manager |

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.

JUN 27 2011