KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | t: | | 0,,1 | | (| See Instruc | tions on Rev | erse Side |) | | , | |
|---|-------------------------------------|-------------------------------------|--|--|-------------------------------------|--|----------------------------------|--|--------------|---------------------------|---------------------|--|
| Open Flow✓ Deliverabilty | | | | Test Date: November 26, 2014 | | | | API No. 15 15033201980000 | | | | |
| Company Castelli Exploration, Inc. | | | | Lease Merrill | | | | | | #4 | Well Number | |
| County Coman | County Location Comanche C E2 W2 SW | | Section 23 | | TWP 33S | | | W) | | Acres Attributed | | |
| Field Ham | eld | | Reservoir Miss | | | | Gas Gathering Cor Oneok | | ection | | | |
| Completion 7/19/76 | on Dat | е | | | Plug Bac | k Total Dep | th | | Packer \$ | Set at | | |
| Casing Size 4 1/2" | | Weight | | Internal Diameter | | Set at 4970 | | Perforations 4897 | | то 5012 | | |
| Tubing Size 2 3/8" | | | Weight | | Internal Diameter | | Set at 4907 | | Perforations | | То | |
| Type Completion (Describe) Single Zone Gas Perforations | | | Type Flui Saltwa | d Productio ter | n | - | Pump Unit or Travelir Pumping | | Plunger? Yes | / No | | |
| Producing Thru (Annulus / Tubing) Annulus | | | % C | ide | % Nitrogen | | | Gas Gravity - G | | | | |
| Vertical E | epth(F | () | | - | | Pres | ssure Taps | | | | (Meter | Run) (Prover) Size |
| Pressure | Builđu | p: | Shut in No | ember 26 2 | 0_14_at_8 | :00 | (AM) (PM) | Taken_No | ovembe | er 27 | 14 at 8:00 | (AM) (PM) |
| Well on L | ine: | | Started | 2 | 0 at | | . (AM) (PM) | Taken | | 20 | at | (AM) (PM) |
| | | | ₁ - | | | OBSERVE | ED SURFACE | DATA | | | Duration of Shut | inHours |
| Static / Dynamic Property | ynamic Size | | Circle one: Meter Prover Pressu psig (Pm) | Pressure Differential in Inches H ₂ 0 | Flowing Temperature t | Well Head Temperature t | Wallhood Proceuro | | | | Duration (Hours) | Liquid Produced (Barrels) |
| Shut-In | | | | | | | 1 | 544.4 | poig | polic | | |
| Flow | | | | <u> </u> | | EL OW ST | DEAM ATTO | IDUTES | | | | |
| Plate | , | | Circle one: | | Т. | | Flowing | BUIES | | - | | Flowing |
| Coeffictient (F _b) (F _p) Mofd | | Meter or Prover Pressure psia | | Press Extension ✓ P _m x h | Gravity Factor F _o | | Temperature Fa | | /iation | | (Cubic Fe | et/ Fluid |
| | | | <u> </u> | | | | | | | | | |
| (P _c) ² = | | | (P)2 - | | (OPEN FL | , , | /ERABILITY) % (P | CALCUL a - 14.4) + | | | (P _a ; | 1 ² = 0.207 |
| (P _c) ² - (| | — · (F | P _c) ² - (P _w) ² | Choose formula 1 of 2 1. P _o ² - P _d ² 2. P _o ² - P _d ² divided by: P _c ² - P _d ² | LOG of formula 1. or 2. and divide | P _c ² -P _w ² | Backpres Slop Ass | ssure Curve e = "n", or signed ard Slope | | roe | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
| - | | | | | | | | | | | | |
| | | | | | | _ | | | | | | |
| Open Flo | w | | | Mcfd @ 14. | 65 psia | | Deliverab | ility | | | Mcfd @ 14.65 ps | ia |
| | | | | n behalf of the | | | | | _ | he above repo December | rt and that he h | as knowledge of, 20 <u>14</u> |
| | | | | | Bitter : | Receiv | red | 1 | luc | Va | | |
| | | | Witness (| if any) | KANSAS | CORPORATIO | ON COMMISSION | 4 | 7 | For C | Company | |
| | | | For Comm | nission | | DEC 3-1 | 2014 - | | | Chec | cked by | |

| exempt status under and that the foreg correct to the best of equipment insta | r penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator |
|--|---|
| | st a one-year exemption from open flow testing for the <u>Merrill #4</u> ounds 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 |
| _ | to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing. |
| Date: December | 5, 2014 |
| | Received Signature: The Corporation Commission DEC 3 1 2014 Signature: President |
| | NSERVATION DIVISION |

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.