For Commission

KANSAS CORPORATION COMMISSION

KCC WICHITA

| FLA at 1230 | Set at 6385 Set at on stide ssure Taps NGE (AM) (PM) Taken | RNG (EAZ9W) Gas Gath DCP MI Packer S NONE Perfor 5717 Perfor Pump Uni NO % Nitroge 7.515 | nering Conni DSTREAM et at ' ations ations it or Traveling | 00-00 1-5 ection To 5725 To 9 Plunger? Yes Gas Gra .690 | RECEIVED Well Number Acres Attributed / No avity - G _e Run) (Prover) Size |
|---|---|--|--|--|--|
| Section 5 Reservoir MORROW Plug Back Total Dep Internal Diameter 4.09;) Internal Diameter 1.995 Type Fluid Productio OIL | KEYSTONE TWP 33S oth Set at 6385 Set at on tide ssure Taps NGE (AM) (PM) Taken | RNG (EAZ 29W Gas Gath DCP MI Packer S NONE Perfor 5717 Perfor Pump Uni NO % Nitroge 7.515 | w) nering Conning DSTREAM et at ' ations ations it or Traveling | 1-5 rection To 5725 To Plunger? Yes Gas Gra 690 (Meter F 3.068 | Well Number Acres Attributed / No avity - G Run) (Prover) Size |
| Reservoir MORROW Plug Back Total Dep Internal Diameter 4.09:) Internal Diameter 1.995 Type Fluid Productio OIL Carbon Diox 0.100 Pres FLA at 1230 | TWP 33S oth Set at 6385 Set at on dide ssure Taps NGE (AM) (PM) Taken | 29W Gas Gath DCP MI Packer S NONE Perfor 5717 Perfor NO % Nitroge 7.515 | nering Conni DSTREAM et at ' ations ations it or Traveling | To 5725 To Yes Gas Gra. 690 (Meter F 3,068) | / No avity - G _o Run) (Prover) Size |
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| 0.100 Pres FLA 1230 | ssure Taps NGE (AM) (PM) Taken_ | 7.515 | | .690 (Meter F 3.068 | Run) (Prover) Siz |
| FLA at 1230 | NGE (AM) (PM) Taken | | 20 | 3.068 | 16 |
| • | | | 20 | · at 1230 | (AM) (PM) |
| al | . (AM) (PM) Taken_ | | | | v, (, |
| | | <u>-</u> | 20 | at | (AM) (PM) |
| OBSERVE | ED SURFACE DATA | | | Duration of Shut-i | in <u>24.0</u> Hou |
| Flowing Well Head Tomperature | (P_w) or (P_l) or (P_e) | Tubing Wellhead Pressure (Pw) or (P1) or (Pc) | | Duration (Hours) | Liquid Produced (Barrels) |
| | | | 631.6 | 24.0 | The second secon |
| | | | | | The state of the s |
| FLOW STR | REAM ATTRIBUTES | .* | | - | |
| Gravity Factor F _g | Flowing Temperature Factor F ₁₁ | | Metered Flow R (Mcfd) | I | Flowing Fluid Gravity G _m |
| OPEN FLOW) (DELIV | /ERABILITY) CALC | JLATIONS | | (P.) ² | ² = 0.207 |
| P _d = | % (P _e - 14.4) | + 14.4.=: | : | | 2 = |
| LOG of lormula 1. or 2. and divide by: | Slope = "n" or Assigned | , n x L | og [| Antilog | Open Flow Deliverability Equals R x Antilo (Mcfd) |
| | | F' | • | | |
| psia. | Deliverability | | | Mctd-@ 14:65 psi | a |
| ompany, státes that h | ne is duly authorized | | above repo | | |
| nd correct. Executed | I this the 14 | _ day of _NO | OVEMBER | | , 20 2016 |
| | Flowing mentature to the state of the state | Flowing emperature Vell Head Tomporature Casing Wellhead Pressure (P_w) or (P_l) or (P_c) Psig psia Psia Psia Sake Flowing Temperature Factor Factor Factor Fin Factor Factor Factor Factor Full Policy Pc - 14.4 Copen FLOW) (DELIVERABILITY) CALCUMATE Pd = % (Pc - 14.4) Copen FLOW) (Pc - 14.4) Pc - 14.4 Copen FLOW Pc - 14.4 Copen FLOW Pc - 14.4 Pc - 14.4 Copen FLO | Flowing emperature Tomporature | OBSERVED SURFACE DATA Flowing amperature Well Head Temperature P_v) or (P_i) or (P_c) Psig psia psig psia FLOW STREAM ATTRIBUTES Pactor Factor Factor Factor Fin Factor Fin Pv Pv Flowing Temperature Factor Factor Fin OPEN FLOW) (DELIVERABILITY) CALCULATIONS P_d = | OBSERVED SURFACE DATA OBSERVED SURFACE DATA Casing Well Head Imperature Well Head Tomporature Very or (P,) or (P,) psig psia psig psia 588.6 603.0 618.4 631.6 24.0 FLOW STREAM ATTRIBUTES Gravity Factor F, |

| 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 O'BRIEN ENERGY RESOURCES CO |
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| 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 theKEYSTONE 1-5 |
| 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: 12/13/16 |
| Signature: Title: |
| |

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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