KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Tes | | , | | | (| See Instruct | tions on Reve | erse Side | ı) | | | | |
|--|-----------------------------|---|---|---|--|---|--|-----------------------|--|------------------------------|--|--|---------------------------------|
| | en Flow liverabil | 24 HvSv | աժև | iTest | Test Date 10/18/14 | | | | | No. 15 033-20635 - | - 0000 | | |
| Company America | y | | | | The second secon | | Lease Wait | | | | #4-6 | Well Number | |
| County Location Comanche C-NE-SE | | | Section 6 | | TWP 33 | | RNG (E/W) 19W | | Acres Attributed | | | | |
| Field Bird South | | | Reservoir Mississippian | | | Gas Gathering Connection WPS | | | | | | | |
| Completion Date 3/16/84 | | | Plug Back Total Depth 5180' | | | Packer Set at | | | | | | | |
| Casing S 51/2 | Casing Size Weight 51/2 14# | | | Internal Diameter 5.012 | | Set at 5219 | | Perforations 5114' | | то 5 15 8' | | | |
| Tubing Size 23/8 | | | Weight 4.70 | | Internal Diameter 1.994 | | Set at 5176' | | Perforations | | То | | |
| Type Completion (Describe) Gas & oil | | | Type Fluid Production Oil & formation water | | | | Pump Unit or Traveling Plunger? Yes / No Pumping unit | | | | | | |
| Producing | g Thru (| Annulus / Tub | ing) | | % C | arbon Dioxi | de | | % Nitrog | ien | Gas Gr | avity - G ₉ | |
| Annulus | | | | | | | | | | | | | |
| Vertical D | epth(H) | | | | | Pres | sure Taps | | | | (Meter f | Run) (Prover) | Size |
| Pressure | Buildup | Shut in 1 | 0/18 | s | 0 14 at 2 | :15PM | (AM) (PM) T | aken_10 |)/19 | 20 | 14 at 2:15PN | Λ (MA) (I | PM) |
| Well on L | .ine: | Started | | 20 | 0 at | | (AM) (PM) T | aken | | 20 | at | (AM) (I | PM) |
| | | | | | | OBSERVE | D SURFACE | DATA | | | Duration of Shut- | in <u>24</u> | Hours |
| Static / Orifice Dynamic Size Property (inches) | | Meter Prover Pre | ssure | Pressure Differential in | Flowing Well Head Temperature t t | | Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) | | Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₀) | | Duration (Hours) Re | (Hours) Receive Barrels | |
| | | 7 psig (Pr | n) | Inches H ₂ 0 | | | psig | psia | psig | psia | KANSAS CORPO | RATION COMM | NOISSI |
| Shut-In Flow | | | | | | | 25 | | | | —— DEC | 1 5 2014 | ! |
| LIOM | | | | | | EL OW STR | EAM ATTRIE | HITES | | | | A TION DIVISIO CHITA, KS |)N |
| Plate | | Circle one: | | | | | Flowing | 10123 | | | | | wina |
| Coeffied (F _h) (F | lent | Meter or Prover Pressure psia | . | Press Grav Extension Fac √ P _m x h F ₀ | | Temperature | | Fa | iation ctor ; pv | Metered Flov R (Mcfd) | y GOR (Cubic Fe Barrel) | et/ Fl | luid avity G _m |
| | | | | | | | | | | | | | |
| (P _c) ² = | | : (P _w) | ² = | : | • | , , | ERABILITY) (| | ATIONS 14.4 = | , i | (P _a) [;] (P _d) [;] | ² = 0.207 ² = | |
| (P _e) ² - (I or (P _e) ² - (I | | (P _c) ² - (P _w) ² | 1 2 | se formula 1 or 2: $P_c^2 - P_g^2$ $P_c^2 - P_d^2$ | LOG of formula 1. or 2. and divide | P _c ² - P _w ² | Backpress Slope o Assig Standar | = "n" r jned | n x | LOG | Antilog | Open Flo Deliverabi Equals R x A (Mcfd) | ility Antilog |
| | | | divide | d by: $P_{c}^{2} - P_{w}^{2}$ | J. | <u> </u> | SiBilida | и оюро | | | | <u> </u> | |
| | | | | | | | | | | | | | |
| Open Flo | w | | 1 | Vicfd @ 14. | 65 psia | | Deliverabili | ty | | | Mcfd @ 14.65 psi | a . | |
| | _ | - | | | | | - | | | | rt and that he ha | | |
| the facts s | tated the | erein, and that | said re | eport is true | and correct | t. Executed | this the 11 | | day of _D | LALLALI | Pac 4 | , 20 | 1 . |
| | | Witnes | s (if any) | | | | | | | MUNUY DONN | Company. | | |
| | | For Co | mmission | | | | _ | | | Chec | ked by | | |

| I declare under penalty of perjury under the laws of the exempt status under Rule K.A.R. 82-3-304 on behalf of the op and that the foregoing pressure information and statements correct to the best of my knowledge and belief based upon a of equipment installation and/or upon type of completion or up I hereby request a one-year exemption from open flow te | erator American Warrior inc. s contained on this application form are true and vailable production summaries and lease records boon use being made of the gas well herein named. |
|--|--|
| 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 is on vacuum at the present time; KCC ap is not capable of producing at a daily rate I further agree to supply to the best of my ability any and staff as necessary to corroborate this claim for exemption free | Received KANSAS CORPORATION COMMISSION DEC 1 5 2014 CONSERVATION DIVISION WICHITA, KS of an oil reservoir undergoing ER proval Docket No e in excess of 250 mcf/D d all supporting documents deemed by Commission |
| Date: 12/11/2014 Signature: Title: WELL | Shelly (ast. Operations assistant |

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.