KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | t; | | | | į | (See Instruc | tions on Rev | verse Side | в) | | | | |
|--|-------------------------------|--|---|--|---|---|---------------------|---|--|--------------------------|---------------------------------|--------------------|---|
| | en Flo liverab | | 24hr | shutin | Test Date 10/17/1 | e: 2 | | | | 1 No. 15 -033-21172 \ | 00-00 | | |
| Company America | / | | | <u> </u> | | | Lease Lake | | | | #1 | Well N | umber |
| County Comanche | | | Location C-NE-SW-SE | | Section 14 | | TWP 32S | | RNG (E/W) 19W | | Acres Attributed | | |
| Field Herd | | | , | | Reservoi Viola | Reservoir Viola | | | | thering Conne | ection | tion RE(| |
| Completion Date 12/22/06 | | | 1 | | Plug Bac 5872' | Plug Back Total Dept 5872' | | h | | Set at | NOV | | NOV |
| Casing Size 51/2 | | | Weigh 17 # | Internal Diameter 4.892 | | Set at 5899' | | Perforations 5751' | | то 5757' К | | NOV : | |
| Tubing Size 23/8 | | | Weigh 4.70 | Internal Diameter 1.994 | | Set at 5869' | | Perforations | | То | То | | |
| Type Completion (| | | escribe) | | • • | Type Fluid Production Oil & formation v | | | | | lunger? Yes / No Pump | | |
| • | - | (Anr | nulus / Tubin | g) | % (| Carbon Dioxi | ide | | % Nitro | gen | Gas G | avity - | G _g |
| Annulus Vertical D | | H) | | | -/ | Pres | sure Taps | | | | (Meter | Run) (F | Prover) Size |
| Pressure | Buildu | p: : | Shut in10/ | 17 2 | 12 at 1 | :00PM | (AM) (PM) | Taken_1 | 0/18 | 20 | 12 _{at} 1:00Pl | M | (AM) (PM) |
| Well on L | ine: | ; | | | | | | | | | at | | (AM) (PM) |
| | | | | | | OBSERVE | D SURFACE | DATA | | ı | Duration of Shut- | in 24 | Hours |
| Static / Dynamic Property | ynamic Size | | Circle one: Meter Prover Pressi psig (Pm) | Pressure Differential in Inches H ₂ 0 | Flowing Well Head Temperature Temperatur | | i Welihaad Pressure | | Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia | | | | id Produced (Barrels) |
| Shut-In | | | | - | | | 95 | рыа | psig | psia | | | |
| Flow | | | | | | | 40# | | | | | | |
| | | | | Υ | | FLOW STR | EAM ATTRI | BUTES | | | | | |
| Plate Coeffiecient (F _b) (F _p) Mcfd | | Circle one: Meter or Prover Pressure psia | | Press Extension ✓ P _m x h | | vity T | Flowing Devia | | ctor R | | GOR (Cubic Feet/ Barrel) | | Flowing Fluid Gravity G _m |
| | | | | | (OPEN FL | OW) (DELIV | ERABILITY) | CALCUL | ATIONS | | (B.) | ² = 0.2 | 207 |
| (P _c) ² = | | _: | (P _w) ² = | <u> </u> | P _d = | | % (P | 。- 14.4) + | 14.4 = | : | | 2 = | |
| (P _c) ² - (F or (P _c) ² - (F | o _a) ² | (P | (P _w) ² - (P _w) ² | Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$ | LOG of formula 1. or 2. and divide | P _c ² · P _w ² | Slop | sure Curve e = "n" origned ard Slope | n x | LOG | Antilog | Del Equals | pen Flow liverability s R x Antilog (Mcfd) |
| | | | | | | | | | | | | | |
| Open Flow | | Mctd @ 14.6 | | | 65 psia | 5 psia | | Deliverability | | N. | //d @ 14.65 psi | fd @ 14.65 psia | |
| The u | ındersi | gned | authority, of | n behalf of the | Company, s | states that he | e is duly aut | thorized to | o make tl | ne above repor | t and that he ha | s know | ledge of |
| | | J | 1164 | aid report is true | and correc | t. Executed | | | | Smit Smit Uncul | mpany | | 20 12 |
| PL | <i>ldu</i> | W _U | For Comm | ission | | | _ | Kog | cr_ | UNCUL | ed by | | |

| | KCC WICHITA |
|---|--|
| | er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc. |
| and that the fore correct to the bes of equipment inst I hereby requ | going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Lake #1 ounds that said well: |
| _ | 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 eto supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing. |
| Date: 11/7/12 | Signature: Title: 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.