## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test  | t:           |   |   |  | 4   | (See Instruct        | tions on Re   | verse Side  | 9)   |                  |  |   |
|--|--------------|---|---|--|---|----------------------|---|---|--|------------------|--|---|
|  | en Flo       |   | A (//   | 1  | Test Date                                 | e:                   |   |   |  | l No. 15         | 2/2/2  |   |
|  |              | ilty  | 8-4hir 5  | shot lu  | 9/24/11                                   |                      |   |   | 15-  | 033-21046        | <del></del>  | <del></del>   |
| Company<br>America   |              | rior  | Inc.  |  |   |                      | Lease<br>Bremer   |   |  |                  | 1-33   | Well Number   |
| County Location Comanche C-NE-SE-SE                                  |              |   |   | Section<br>33  |   | TWP<br>32            |   | RNG (E/W)<br>18W                                      |  | Acres Attributed |  |   |
|  |              |   |   |  | Reservoir<br>Pawnee                       |                      |   | Gas Gathering Connection WPS                          |  |                  |  |   |
| Completion Date 03/27/01   |              |   |   | Plug Bac<br>5180'  | Plug Back Total Depth<br>5180'            |                      |   | Packer  | Set at   |                  |  |   |
| Casing Size Weight 51/2 15.5   |              |   |   | Internal I<br>4.950  | Diameter                                  | Set at <b>5297</b> ' |   | Perforations<br>5102'                                 |  | то<br>5134'      |  |   |
| Tubing Size Weight 23/8 4.70   |              |   |   | Internal (   | Diameter                                  | Set at 5170'         |   | Perforations  |  | То               |  |   |
|  |              |   |   |  | Type Fluid Production Formation Water     |                      |   | Pump Unit or Traveling Plunger? Yes / No Pumping unit |  |                  |  |   |
|  | -            | (Anı  | nulus / Tubing                                      | )  | % (                                       | Carbon Dioxi         | de  |   | % Nitrog   |                  | Gas Gr   | avity - G <sub>g</sub>                                      |
| Annulus<br>Vertical E  |              | 1)  | <del></del>   | ····   |   | Pres                 | sure Taps   |   |  |                  | (Meter I   | Run) (Prover) Size  |
|  |              |   |   |  |   |                      |   |   |  |                  |  |   |
| Pressure   | Buildu       |   |   |  |   |                      |   |   |  |                  |  | n (AM) (PM)   |
| Well on L  | .ine:        |   | Started   | 2  | 0 at                                      |                      | (AM) (PM)   | Taken   |  | 20               | at   | (AM) (PM)   |
|  |              |   |   |  |   | OBSERVE              | D SURFACI   | E DATA  |  |                  | Duration of Shut-  | in 24 Hours   |
| Static /<br>Dynamic<br>Property                                      | Dynamic Size |   | Circle one:<br>Meter<br>Prover Pressui<br>psig (Pm) | Pressure Differential in Inches H <sub>2</sub> 0   | Flowing Well Head Temperature t t         |                      | (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) |   | Tubing Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$ |                  | Duration<br>(Hours)  | Liquid Produced<br>(Barrels)                                |
| Shut-In  |              |   | psig (FIII)   | Inches H <sub>2</sub> 0  |   |                      | 480   | psia  | psig   | psia             |  |   |
| Flow   |              |   |   |  |   |                      | 28  |   |  |                  |  |   |
|  | T-           |   |   |  |   | FLOW STR             | EAM ATTR  | BUTES   |  |                  |  |   |
| Plate<br>Coeffiecient<br>(F <sub>b</sub> ) (F <sub>p</sub> )<br>Mcfd |              | Circle one:<br>Meter or<br>Prover Pressure<br>psia              |   | Press<br>Extension<br>✓ P <sub>m</sub> x h   | Grav<br>Fac<br>F <sub>s</sub>             | tor 7                | Temperature Fa  |   | riation Metered Flow R F <sub>pv</sub> (Mcfd)          |                  | GOR<br>(Cubic Fe<br>Barrel)                                      | Flowing Fluid Gravity G <sub>m</sub>                        |
| L  |              |   |   |  | (ODEN EL                                  | OW/ (DEL IV          | EDADU ITV   |   | ATIONO   |                  |  |   |
| (P <sub>c</sub> ) <sup>2</sup> =                                     |              | _:  | (P <sub>w</sub> ) <sup>2</sup> =                    | :  | P <sub>d</sub> =                          | OW) (DELIVI<br>      |   | , - 14.4) +   |  | :                | (P <sub>a</sub> ) <sup>;</sup><br>(P <sub>d</sub> ) <sup>;</sup> | <sup>2</sup> = 0.207<br><sup>2</sup> =                      |
| $(P_o)^2 - (P_b)^2$<br>or<br>$(P_c)^2 - (P_d)^2$                     |              | (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> |   | 1. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> ivided by: P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> | LOG of formula 1. or 2. and divide P2. P2 |                      | Backpressure Curve Slope = "n" Assigned Standard Slope      |   |  | LOG              | Antilog  | Open Flow<br>Deliverability<br>Equals R x Antilog<br>(Mc(d) |
|  |              |   |   |  |   | <del>.</del>         |   |   | <u> </u>   |                  |  |   |
| Open Flow Mcfd @ 14.65   |              |   | 65 psia   | 5 psia Deliverability  |   |                      | Mcfd @ 14.65 psia   |   |  |                  |  |   |
| <u> </u>   |              | gnen  | f authority, on                                     |  |   | states that he       |   |   | o make th  |                  | t and that he ha   |   |
|  |              |   | n, and that sai                                     |  |   |                      |   |   |  | ctober           | t and that he ha   | , 20 <u>11</u>  |
|  |              |   |   |  |   |                      | _   | Jpol  | ly s   | 5mit             | 1_   | RECEIVE   |
|  |              |   | Witness (if   | any)   |   | _                    |   | Kin   | I<br>CPs   | 1/h Ail          | pany   | OCT 2 4 20  |
|  |              |   | For Commis  | sion   |   |                      | -   | 700   | J  | Check            | ed by  | <del></del>   |

|   | er penalty of perjury under the laws of the state of Kansas that I am authorized to request<br>ler Rule K.A.R. 82-3-304 on behalf of the operator <u>American Warrior Inc.</u>   |
|---|--|
| and that the foreg<br>correct to the best<br>of equipment insta<br>I hereby reque | poing pressure information and statements contained on this application form are true and of 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.  Best a one-year exemption from open flow testing for the Bremer 1-33  |
|   | 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: 10/20/11  | 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.

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OCT 2 4 2011

KCC WICHITA