## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST NOV 1.0

|  |                   |   | 1.5   |                             | _  |                         | _                 |  |                                | Ransas,              | Received                               | m G<br>av. 7/  |  |
|--|-------------------|---|---|-----------------------------|--|-------------------------|-------------------|--|--------------------------------|----------------------|--|----------------|--|
|  |                   | ONE   | POINT ST  | ANSAS (<br>Arii Ize         | CORPO<br>DOPE  | ORATION<br>N. F. OM     | I COM             | IMISS<br>Del IVI   | ION<br>Frarii It'              | Y TEST NO<br>CONSER  | ORPORATION CO                          | Эмм            |  |
| Type Test                                  | :                 | OIVE  | . 0 0.  | (S                          | ee Instruci  | ions on Rev             | erse Side         | )<br>)   | LINDILI                        | r i Loi Mu           | V 18 20:                               | 1 <i>j</i> .   |  |
|  | en Flow           |   |   | ·                           |  |                         |                   |  |                                | CONSER<br>W          | RVATION DIVISIO<br>CHITA, KS           | 4              |  |
| De   | liverabilty       |   |   | Test Date: 9-10-201         | и  |                         |                   |  | 1 No. 15<br><b>3-21497-0</b> 0 | ·//                  | CHITA, KS                              | W              |  |
| Company<br>ARES Ene                        |                   | 405 N. Marienfe   | eld, Suite 250, Mi                                |                             |  | Lease<br>Cary           |                   |  | <u> </u>                       |                      | Well Number                            |                |  |
| County                                     |                   |   | on  | Section                     |  | <u> </u>                |                   | RNG (E   | RNG (E/W)                      |                      | Acres Attributed                       |                |  |
| Comanche                                   |                   | NW S  | Ē   | 36                          |  |                         |                   | 19W  |                                |                      | 160                                    |                |  |
| <sup>Field</sup><br>Colter                 |                   |   |   | Reservoir<br>Mississi       | ppian  |                         |                   | Gas Gas  | thering Conne                  | ection               |  |                |  |
| Completio                                  |                   |   |   | Plug Back                   | <u> </u>   | h                       |                   | Packer 8   |                                |                      |  |                |  |
| 12-12-2007                                 |                   | *** * *   | 5,464'  |                             |  | •                       |                   | 6,133  | <del>.</del>                   |                      |  |                |  |
| Casing Size<br>5-1/2"                      |                   | Weigh<br>15.5#  |   | Internal Diameter<br>6.00'  |  | Set at<br><b>5,498'</b> |                   | Perforations<br>5,228'   |                                | то<br>5,284'         |  |                |  |
| Tubing Size                                |                   | Weigh   | t   | Internal Diameter           |  | Set at                  |                   | Perforations   |                                | To                   |  |                |  |
| 2.375"                                     |                   | 4.70#   |   | 2.00'                       |  | 5,12                    | 1'                |  |                                |                      |  |                |  |
| Type Completion (Describe) Pumping         |                   |   |   | Type Fluid Production Water |  |                         |                   | Pump Unit or Trave<br>Plunger Lift                                   |                                | ng Plunger? Yes / No |  |                |  |
| Producing Thru (Annulus / Tubing)          |                   |   | ])  | % Carbon Dioxid             |  |                         | % Nitrogen        |  |                                | Gas Gravity - G      |  |                |  |
| Annulus                                    |                   |   |   |                             |  |                         |                   |  |                                |                      | - ¥                                    |                |  |
| Vertical D<br>5 <b>22</b> 9'               | epth(H)           |   |   |                             | Pres   | sure Taps               |                   | ·  |                                | (Meter F             | Run) (Prover) S                        | Size           |  |
| Pressure                                   | Buildup:          | Shut in   | 20  | 14 <sub>at</sub> 9:2        | 20 AM  | (AM) (PM)               | Taken 9-          | 10   | 20                             | 14 at 9:24 Al        | M (AM) (P                              | ·M)            |  |
| Well on L                                  | •                 | Started 9-10  |   | 14 at 9:2                   | 4 AM   |                         |                   |  |                                | at                   |  | ·              |  |
| Well Oil L                                 | uie.              | Started   | 20  | aı                          | •  | (ANI) (FNI)             | такеп             |  | 20                             | aı                   | (AIVI) (P                              | IVI)           |  |
|  |                   |   |   |                             | OBSERVE  | D SURFACE               | DATA              |  |                                | Duration of Shut-    | in <u>24          </u> ł               | Hou            |  |
| Static /                                   | Orifice           | ze   Meter   Differential<br>hes)   Prover Pressure   in  |   | al Temperature Temperature  |  |                         |                   | Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$ |                                | Duration Liquid Pro  |  |                |  |
| Dynamic<br>Property                        | Size<br>(inches)  |   |   |                             |  |                         |                   |  |                                | (Hours)              | Liquid Produc<br>(Barrels)             |                |  |
| - 1  | (                 | psig (Pm)   | Inches H <sub>2</sub> 0                           |                             |  | psig                    | psia              | psig   | psia                           |                      | <u> </u>                               |                |  |
| Shut-In                                    |                   |   | -   |                             |  | Packer                  |                   | 550  |                                |                      |  |                |  |
| Flow                                       |                   |   |   |                             |  | i                       |                   |  |                                |                      |  |                |  |
|  |                   |   |   | i                           | FLOW STR   | EAM ATTRI               | BUTES             | ' <del>-</del> -   |                                |                      | ·                                      |                |  |
| Ptate                                      |                   | Circle one: Press   |   | Gravity                     |  | Flowing De              |                   | viation Metered Flow   |                                | GOR                  | Flow                                   | ing            |  |
| Occurrent                                  |                   | Meter or Extension  |   | Factor                      |  | Temperature             |                   | actor R  |                                | (Cubic Fe            | Grav                                   |                |  |
| Mcfd                                       |                   | psia  | √ P <sub>m</sub> xh                               | F <sub>9</sub>              |  | F <sub>ft</sub>         |                   | ρν   | (Mcfd)                         | Barrel)              |  | G <sub>m</sub> |  |
|  |                   |   |   |                             |  |                         |                   |  |                                |                      |  |                |  |
|  |                   |   |   | (OPEN FLO                   | W) (DELIV  | ERABILITY)              | CALCUL            | ATIONS   | 1                              | J                    | 2 000=                                 |                |  |
| P <sub>c</sub> ) <sup>2</sup> =            | :                 | (P <sub>w</sub> ) <sup>2</sup> =  |   | •                           |  |                         | , - 14.4) +       |  | :                              | (P <sub>a</sub> )։   | <sup>2</sup> = 0.207<br><sup>2</sup> = |                |  |
|  |                   |   | Choose formula 1 or 2:                            | Г                           |  |                         | sure Curve        |  |                                | · u²                 | Open Flow                              |                |  |
| $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$ |                   | P <sub>c</sub> ) <sup>2</sup> -(P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup> |   | LOG of formula 1, or 2.     |  | Slope = "n"             |                   | n x LOG  |                                | Antilog              | Deliverabili                           | Deliverability |  |
| (P <sub>c</sub> )²- (F                     | P <sub>d</sub> )² |   | 2. $P_c^2 - P_d^2$<br>divided by: $P_c^2 - P_w^2$ | and divide<br>by:           | P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup> |                         | igned<br>rd Slope |  |                                | _                    | Equals R x Ar<br>(Mcfd)                | ntilo          |  |
|  |                   |   | arrada by: 1 c 1 w                                | -7-                         |  |                         |                   |  |                                |                      |  |                |  |
|  | _                 |   |   | <del> </del>                |  |                         |                   |  | ,                              |                      | <del> </del>                           | —              |  |
|  |                   | <u>_</u>  |   |                             |  | <u></u>                 |                   |  |                                |                      | L                                      |                |  |
| Open Flor                                  | w                 |   | Mcfd @ 14.6                                       | 5 psia                      |  | Deliverabi              | lity              |  | ١                              | Mcfd @ 14.65 psi     | a                                      |                |  |
| The u                                      | undersigne        | ed authority, o   | n behalf of the                                   | Company, sta                | ates that h  | e is dulv aut           | thorized to       | make t   | he above repo                  | rt and that he ha    | ıs knowledae r                         | of             |  |
|  |                   |   | aid report is true                                |                             |  |                         |                   |  | -                              |                      | , 20 <u>14</u>                         |                |  |
| וט ומטנט ט                                 | iaisu illeli      | em, anu mat Si  | מים ופאסורוצ ונתם                                 | and correct.                | Executed   | ការទ ពាម                |                   | uzy UI   |                                |                      | , 20                                   |                |  |
|  |                   |   | <u> </u>  |                             |  |                         |                   |  |                                |                      |  |                |  |
|  |                   | Witness (   | f any)  |                             |  |                         |                   |  | For C                          | ompany               |  |                |  |
|  |                   | For Comm  | iecion  |                             |  | _                       |                   |  | Chan                           | lead by              |  |                |  |

|   | re under penalty of perjury under the laws of the state of Kansas that I am authorized to request tus under Rule K.A.R. 82-3-304 on behalf of the operator ARES Energy, Ltd.   |
|---|--|
| and that th<br>correct to the<br>of equipme         | e foregoing pressure information and statements contained on this application form are true and ne best of my knowledge and belief based upon available production summaries and lease records nt installation and/or upon type of completion or upon use being made of the gas well herein named. y request a one-year exemption from open flow testing for the <a href="Cary 36-10">Cary 36-10</a>                                       |
|   | the grounds that said well:  |
| l furthe  | 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 ragree to supply to the best of my ability any and all supporting documents deemed by Commissionessary to corroborate this claim for exemption from testing. |
| Даць. <u>— — — — — — — — — — — — — — — — — — — </u> | Signature: Michelle Brockman, Engineering Tech   |

## 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.