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

| Type Test  | t:  |   |   |   | (   | 'See Inst                         | ructi   | ions on Re  | verse Side                              | e)   |                             |                     |  |                  |  |  |
|--|---|---|---|---|---|-----------------------------------|---|---|---|--|-----------------------------|---------------------|--|------------------|--|--|
| Op   | en Flov   | N   |   |   | Test Date                                   | a·                                |   |   |   | ΔΡ   | No. 15                      |                     | ,  |                  |  |  |
| De   | liverab   | ilty  |   |   | 12/16/                                      |                                   |   |   |   |  | 047-00371                   | ~(                  | $\mathcal{O}(\mathcal{O}(\mathcal{O}))$                          |                  |  |  |
| Company<br>Oil Prod  |   | Inc.  | of Kansas                               | e danie   |   |                                   |   | Lease<br>Curtis   |   |  | 1 10 1=0                    |                     | 1  | Well Nu          | umber  |  |
| County Location Edwards SW SW NW                                     |   |   |   | Section<br>24   |   |                                   |   | TWP<br>25S  |   | RNG (E/W)<br>16W   |                             |                     |  | Acres Attributed |  |  |
| Field  |   |   |   |   | Reservoir<br>Conglomerate                   |                                   |   |   | Gas Gathering Conn<br>Edwards Co.Gas    |  | ectio                       | on .                |  |                  |  |  |
| Completion Date 4/25/58  |   |   |   | Plug Bac  | Plug Back Total Depth<br>NA                 |                                   |   |   |   | Packer Set at none                                       |                             |                     |  |                  |  |  |
| Casing Size Weight 5.5   |   |   |   | Internal (  | Internal Diameter                           |                                   |   | Set at<br><b>4388</b>                                     |   | Perforations<br>4319                                     |                             | то<br>4330          |  |                  |  |  |
| Tubing Size Weight   |   |   | Internal (                              | Internal Diameter   |   |                                   | Set at  |   | Perforations                            |  | То                          |                     |  |                  |  |  |
| Type Completion (Describe) single                                    |   |   |   |   | Type Fluid Production oil/water             |                                   |   | Pump Unit or Trave<br>yes-pump unit                       |   |  | ng Plunger? Yes / No        |                     |  |                  |  |  |
| roducing   | g Thru  | (Ann  | ulus / Tubing                           | j)  | % C   | arbon D                           | ioxic   | de  |   | % Nitrog   | gen                         |                     | Gas Gra  | avity -          | G <sub>g</sub>                                     |  |
| annulus  |   |   |   |   |   |                                   |   |   |   |  |                             |                     |  |                  |  |  |
| Vertical D   | epth(H  | )   |   |   |   | Р                                 | ress  | sure Taps   |   |  |                             |                     | (Meter F   | Run) (F          | rover) Size  |  |
| Pressure   | Buildu  | p: §  | Shut in                                 | 15  | 20 10 at 1                                  | 0:00AN                            | <b>/</b>  | (AM) (PM)   | Taken 12                                | 2/16   | 20                          | 10                  | at_10:00A  | M                | (AM) (PM)  |  |
| Well on L  | .ine:   | 5   | Started                                 | 2   | 20 at                                       |                                   |   | (AM) (PM)   | Taken                                   |  | 20                          |                     | _ at   |                  | (AM) (PM)  |  |
|  |   |   |   |   |   | OBSER                             | ₹VEI  | D SURFAC  | E DATA                                  |  |                             | Dur                 | ation of Shut-i  | <sub>in 24</sub> | Hours  |  |
| Static /<br>Dynamic<br>Property                                      | / Oritice Meter Differs ty (inches) Prover Pressure in Inches |   | I                                       | Flowing Well H Temperature t  |   | erature Wellhead I                |   | Pressure  | Weilhe                                  | ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> ) |                             | Duration<br>(Hours) | Liquid Produced<br>(Barrels)                                     |                  |  |  |
| Shut-In  |   |   | psig (Pm)                               | Inches H <sub>2</sub> 0   |   |                                   |   | psig<br>36  | psia<br>50.4                            | psig   | psia                        |                     | 24   |                  |  |  |
| Flow   |   |   |   |   |   |                                   |   |   |   |  |                             | ļ. <u></u>          | <u></u>  |                  |  |  |
|  |   |   |   |   |   | FLOW S                            | STR   | EAM ATTR  | RIBUTES                                 |  |                             |                     |  |                  |  |  |
| Plate<br>Coeffiecient<br>(F <sub>b</sub> ) (F <sub>p</sub> )<br>Mcfd |   | Girde one:<br>Meter or<br>Prover Pressure<br>psia               |   | Press<br>Extension<br>Pmxh  | Gra<br>Fac<br>F                             | tor                               | Flowing<br>Temperature<br>Factor<br>F <sub>11</sub> |   | Deviation<br>Factor<br>F <sub>p</sub> , |  | Metered Flow<br>R<br>(Mcfd) |                     | GOR<br>(Cubic Fee<br>Barrel)                                     |                  | Flowing<br>Fluid<br>Gravity<br>G <sub>m</sub>      |  |
|  |   |   |   |   | (0.55)                                      |                                   |   |   |   | 4710110  |                             | _                   |  |                  |  |  |
| (P <sub>c</sub> ) <sup>2</sup> =                                     |   | _:  | (P <sub>w</sub> ) <sup>2</sup> =        |   | (OPEN FL                                    | OW) (DE                           |   |   | P <sub>c</sub> - 14.4) 4                |  | :                           |                     | (P <sub>a</sub> ) <sup>2</sup><br>(P <sub>d</sub> ) <sup>2</sup> | 2 = 0.2<br>2 =   | 207  |  |
| $(P_c)^2 - (P_a)^2$<br>or<br>$(P_c)^2 - (P_d)^2$                     |   | (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> |   | Choose formula 1 or  1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>g</sub> | LOG of<br>formula<br>1. or 2.<br>and divide | formula 1. or 2.  and divide p2_p |   | Backpressure Curve Slope = "n" or Assigned Standard Slope |   | n x LOG  |                             |                     | Antilog  |                  | Open Flow Deliverability Equals R x Antilog (Mcfd) |  |
|  |   |   | -                                       | aviava by: 1 c  | ·   • • • • • • • • • • • • • • • • • •     | <u> </u>                          |   | J. J                  | -                                       |  | <u> </u>                    |                     |  |                  |  |  |
|  |   |   |   |   |   | A                                 |   |   |   |  |                             |                     |  |                  |  |  |
| Open Flo   | w   |   |   | Mcfd @ 14   | .65 psia                                    |                                   |   | Deliverat   | bility                                  |  |                             | Mcf                 | d @ 14.65 psi  | a                | <del> </del>                                       |  |
|  |   | -   | •                                       |   |   |                                   |   |   |   |  | he above repo               | ort a               | nd that he ha  |                  |  |  |
| ne facts s   | tated th  | nerei   | n, and that sa                          | aid report is tru   | e and correc                                | t. Execu                          | uted  | this the _1   | 7th                                     | day of L   | December                    |                     | · · · · · · · · · · · · · · · · · · ·                            | ,                | 20 10<br>DECEN                                     |  |
|  |   | •   | Witness (i                              | f any)  |   |                                   |   | -   |   | _(_  | Nutt Y                      | Compa               | eny .  |                  | RECEIV   |  |
|  |   |   | *************************************** |   |   |                                   | _   |   |   | (  | GM/nc                       |                     |  |                  | JAN 3 1  |  |
|  |   |   | For Comm                                | ission  |   |                                   |   |   |   |  | Che                         | cked t              | ру   | K                | CC WIC   |  |

| exemp             | eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Oil Producers, Inc. of Kansas   |
|-------------------|---|
| correc<br>of equi | at the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records pment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the <a href="Curtis #1">Curtis #1</a>                                    |
|                   | ell on the grounds 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  urther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing. |
| Date: _           | 12/17/10  |
|                   | Signature: 73   |

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 signed and dated on the front side as though it was a verified report of annual test results.

JAN 3 1 2011