KCC WICHITA

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

| Type Test  | t:              |   |                                  |   | (   | See Instruct                    | ions on Rei                    | erse Side  | 15   | 5-007                        | 7-225                                  | 84-000  |  |  |
|--|-----------------|---|----------------------------------|---|---|---------------------------------|--------------------------------|--|--|------------------------------|--|---|--|--|
| = '  | en Flo          |   |                                  |   | Test Date                                   |                                 |                                |  | API  | No. 15                       | _                                      |   |  |  |
|  | llverat         | <b>-</b>  |                                  |   | 6/30/1                                      | 1                               |                                |  | 15-  | 007-22854                    | ······································ |   |  |  |
| Company<br>Oil Prod  |                 | , Inc   | . of Kansas                      |   | Lease<br>Rucker                             |                                 |                                | NPR  |  |                              | Well Number 1                          |   |  |  |
| County Location Barber 760'FNL&1790'FEL                    |                 |   |                                  | Section<br>25   |   |                                 | TWP<br>31                      |  | W)   | Acres Attributed             |  |   |  |  |
| Field whelan,west  |                 |   |                                  | Reservoli<br>Mississi   |   |                                 |                                | Gas Gathering Connecti<br>Lumen-Pratt              |  | ection                       |  |   |  |  |
| Completion Date<br>6/19/99                                 |                 |   |                                  | Plug Bac<br>4338  | k Total Dept                                | h                               | Packer Set at none             |  | Set at   |                              |  |   |  |  |
| Casing Size Weight 4.5                                     |                 |   |                                  | Internal C  | Diameter                                    | Set at<br>4374                  |                                | Perforations<br>4254                               |  | то<br><b>427</b> 1           |  |   |  |  |
| Tubing Size Weight 2.375                                   |                 |   |                                  | Internal Diameter   |   | Set at<br>4317                  |                                | Perforations                                       |  | То                           |  |   |  |  |
| Type Con<br>single   | npletio         | n (De   | escribe)                         |   | Type Flui<br>oil/sw                         | Type Fluid Production<br>Oil/SW |                                |  |  | nit or Traveling<br>Imp unit | Plunger? Yes / No                      |   |  |  |
|  | _               | (Ani  | nulus / Tubing                   | )   | % C   | % Carbon Dioxide                |                                |  | % Nitrogen                                       |                              | Gas Gra                                | Gas Gravity - G <sub>g</sub>                                |  |  |
| Vertical C   |                 | <u></u>   |                                  |   |   | Proce                           | sure Taps                      |  |  |                              | /Motor E                               | Run) (Prover) Size  |  |  |
| veruçai L  | epintr          | וי  |                                  |   |   | Fiess                           | sure laps                      |  |  |                              | (Meter F                               | iun) (Prover) Size  |  |  |
| Pressure   | Buildu          | ıp:   | Shut in 6/29                     | } 2   | 0 11 at 9                                   | 15AM                            | (AM) (PM)                      | Taken_6/   | 30   | 20                           | 11 at 9:15AM                           | /(AM) (PM)  |  |  |
| Well on L  | lne:            |   | Started                          | 2   | 0 at  |                                 | (AM) (PM)                      | Taken  |  | 20                           | at                                     | (AM) (PM)   |  |  |
|  |                 |   |                                  |   |   | OBSERVE                         | D SURFACI                      | DATA   |  |                              | Duration of Shut-                      | n_24 Hours  |  |  |
| Static / Orifice<br>Dynamic Size                           |                 | e Prover Pressure   |                                  | Pressure<br>Differential<br>in  |   |                                 | Casi<br>Wellhead<br>(P_) or (P | Pressure   | Tubing Wellhead Pressure (P_ ) or (P, ) or (P, ) |                              | Duration<br>(Hours)                    | Liquid Produced<br>(Barrels)                                |  |  |
|  | Property (inche |   | psig (Pm)                        | Inches H <sub>2</sub> 0   | †   | 1                               | psig                           | psia   | psig psia  |                              |  |   |  |  |
| Shut-In  |                 |   |                                  | _   | ļ   |                                 | 138                            | 152.4  |  |                              | 24                                     |   |  |  |
| Flow   |                 |   | <u> </u>                         |   |   |                                 |                                |  |  |                              |  |   |  |  |
|  |                 |   |                                  |   |   | FLOW STR                        |                                | BUTES  |  |                              | 1                                      |   |  |  |
| Plate Coefficient (F <sub>b</sub> ) (F <sub>s</sub> ) Mctd |                 | Gkele ons:<br>Moter or<br>Prover Pressure<br>psia               |                                  | Pross Extension Pmxh  | Fact  | Gravity To                      |                                | Flowing Deviation  Emperature Factor  Factor  Fit. |  | Metered Flow<br>R<br>(Mcfd)  | v GOR<br>(Cubic Fed<br>Barrel)         | Flowing Fluid Gravity G <sub>m</sub>                        |  |  |
| L  |                 |   |                                  |   |   |                                 | <del></del>                    |  |  |                              |  |   |  |  |
|  |                 |   |                                  |   | •   | OW) (DELIV                      | •                              |  |  |                              |  | = 0.207   |  |  |
| (P <sub>e</sub> ) <sup>2</sup> =                           |                 | =:-   | (P <sub>*</sub> ) <sup>2</sup> = | Choose formula 1 or 2   | P <sub>d</sub> =                            | <u>^</u>                        | 6 (F                           | - 14.4) +  | 14.4 =   | <del></del> :                | (P <sub>d</sub> ) <sup>2</sup>         | '=  |  |  |
| $(P_a)^2 - (P_a)^2$<br>or<br>$(P_a)^2 - (P_d)^2$           |                 | (P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> |                                  | 1. P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup> Middod by: P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup> | LOG of<br>formula<br>1, or 2,<br>and divide | P2-P2                           | Backpressure Curve Slope = "n" |  | n x  | LOG                          | Antilog                                | Open Flow<br>Deliverability<br>Equals R x Antilog<br>(Mcfd) |  |  |
|  |                 |   |                                  |   |   |                                 |                                | · · · · · · · · · · · · · · · · · · ·              |  |                              |  | -   |  |  |
|  |                 |   |                                  |   |   |                                 |                                |  |  |                              |  |   |  |  |
| Open Flow Mcfd @ 14.                                       |                 |   | 65 psia                          |   | Deliverability                              |                                 | Mcfd @ 14.65 psia              |  |  | <u> </u>                     |  |   |  |  |
|  |                 | -   | •                                |   | • •   |                                 | •                              |  | _  | •                            | rt and that he ha                      |   |  |  |
| the facts s  | tated t         | herei   | in, and that sa                  | ld report is true   | e and correc                                | t. Executed                     | this the 3                     | <u> </u>   | day of <u>J</u>                                  | N2#V                         | <u> </u>                               | 11  |  |  |
|  |                 |   | Witness (il                      | any)  |   |                                 | -                              |  |  | FOR FORD                     | Company                                | CEIVED  |  |  |
|  |                 |   | For Comm                         | ssion   |   |                                 |                                | -  |  | / M   m                      | cked by AU                             | <del>6-0-4-2011 -</del>                                     |  |  |

| I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Oil Producers, Inc. of Kansas and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Rucker NPR #1  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 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  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.  Signature:  Title: |             |  |
|---|-------------|--|
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| Signature:  |             |  |
| Signature:  | Date: 6/30  | W11  |
|   | Date        | <del>//                                     </del>   |
|   |             |  |
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|   |             |  |
|   |             | Signature: 2   |
| Title:  |             |  |
|   |             | Title:   |
|   |             |  |

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, welfhead 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.

RECEIVED

AUG 0 4 2011

**KCC** WICHITA