## KANSAS CORPORATION COMMISSION RECEIVED TEST

| Type I                                 |                                       |                                |                      |                                   | (See Ins               | tructions on  | Reverse Si       | de)   |  |                                |                                   |
|--|---------------------------------------|--------------------------------|----------------------|-----------------------------------|------------------------|---|------------------|---|--|--------------------------------|-----------------------------------|
| =                                      | Open Flov<br>Deliverabi               | ty FE                          | B 1 3 200            |                                   | )ate: 12/              | 7/02  |                  | A   | <sup>PI No. 15</sup> 1                 | 5-181-20                       | 043                               |
| Compa                                  | •                                     |                                | : WICHI              | 1                                 |                        | Lease   |                  |   |  |                                | Well Number                       |
| County                                 |                                       |                                | tion, II             |                                   |                        |   | lace             |   |  |                                | 2-5                               |
| Sherman CSW/4                          |                                       | Section 5                      |                      |                                   | TWP<br>8S              |   | (E/W)<br>38W     |   | Acres Attributed                       |                                |                                   |
| Field                                  |                                       |                                |                      | Resen                             | oir                    |   |                  | Gas G   | athering Con                           | nection                        | <del></del>                       |
| Gc                                     | odla                                  | nd Gas                         | 3                    |                                   | brara                  |   |                  |   | Kinder                                 | r-Morgan                       |                                   |
| - <del>Comple</del>                    | <del>lion Date-</del>                 | Spua d                         |                      |                                   | ack Total De           | pth .   |                  | Packe   | r Set at                               |                                |                                   |
| Casing :                               | Sizo                                  | 11-1-                          |                      |                                   | 48'                    |   |                  |   |  | ···                            |                                   |
| Casing Size Weight                     |                                       | interna                        | Internal Diameter    |                                   | Set at<br>872 <b>'</b> |   | forations        | To  | •                                      |                                |                                   |
| Tubing Size Weight                     |                                       | Internal                       | Internal Diameter    |                                   | Set at                 |   | 372 Torations    | 948<br>To   | · ·                                    |                                |                                   |
|  | mpletion (                            | •                              | <del></del>          | Type Fi                           | uid Producti           | on  | · <del>-</del>   | -Pump I   | Unit or Travelir                       | ng Plunger? Yes                | · / No                            |
| Sing                                   | rle Ga                                | n<br>1 S<br>1 Tu               | <b>5</b> -1          |                                   |                        |   |                  |   |  |                                |                                   |
| · rougem                               | ig Tille (A                           | muius / Tu                     | oing)                | % Carbo                           | on Dioxide             |   |                  | % Nitro   | gen                                    | Gas G                          | Gravity - G                       |
| Vertical C                             | Pepth(H)                              |                                |                      |                                   | .Pres                  | sure Teps:  |                  |   |  | (Meter                         | Run) (Prover) Size                |
|  |                                       |                                | 100"Dii              | fferentia                         | al, 10                 | 01b_st  | atic,            | sg.r  | oot cha                                | rts                            | 2" meter                          |
| •ressure                               | Buildup:                              | Shut in _                      | 12/2                 | 19 <u>02</u> at _                 | 9:00                   | _ (AM)(PM)  | Taken            | 12/5  | 19                                     | 02 at 10                       | :30 (AM) (PM)                     |
| Vell on Li                             | ine:                                  |                                |                      |                                   |                        |   |                  |   |  | 02 <sub>at</sub> 9:0           | 0 (AM) (PM)                       |
|  |                                       |                                |                      |                                   | OBSERV                 | ED SURFAC   | E DATA           |   |  | Duration of Shut               | 73.5                              |
| Static /                               | Orifice                               | Orifice Circle one:            |                      | ure Flowing                       | Well Head              | Casing  |                  | Tubing  |  | Doradon or Shor                | -in Hours                         |
| ynamic roperty                         | Size<br>inches                        | Prover Pre                     |                      | Temperature                       |                        | .   (P) to (P)  |                  |   | ead Pressure                           | Duration                       | Liquid Produced                   |
| openy                                  | Inches                                | psig                           |                      |                                   | t                      | (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia |                  | (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) |  | (Hours)                        | (Barrels)                         |
| hut-in                                 | 25                                    | 16                             |                      |                                   |                        | 16  | 29               | poig  | pata                                   | 73.5                           | 0                                 |
| Flow                                   | 25                                    | 8.0                            | 11                   |                                   |                        | 9   | 22               |   |  | 46.5                           |                                   |
|  |                                       |                                | <del></del>          |                                   | FLOW STE               | REAM ATTR   |                  |   | ــــــــــــــــــــــــــــــــــــــ | 40.5                           |                                   |
| Plate                                  |                                       | Circle one:                    | Press                | Grav                              |                        | Flowing   |                  | -   |  |                                |                                   |
| Coeffiecie<br>(F,) (F,)                |                                       | Meter of<br>ver Pressure       | Extensi              | on Fact                           |                        | Temperature   | nperature Deviat |   | Metered Flow<br>R                      | 1                              | Flowing Fluid                     |
| Mcfd                                   |                                       | psia                           | √ P <sub>m</sub> x I | F.                                |                        |   |                  | (Mcfd)  |  | (Cubic Fe<br>Barrel)           | Gravity                           |
| .396                                   | 21                                    | .5                             | 15.3                 | 8 1.00                            | <del></del>            | .00   | 1 00             |   | 6 00                                   | N7/2                           | G <sub>n</sub>                    |
|  |                                       | <u>-</u> -                     |                      |                                   |                        | ERABILITY)  | 1.00             |   | 6,09                                   | N/A                            | N/A                               |
| ² = <u>      8</u>                     | 41 :                                  | (P <sub>w</sub> ) <sup>2</sup> | = <u>.484</u>        | : P <sub>a</sub> = _              | %                      |   | 14.4) + 1        |   |  |                                | = 0.207                           |
| P_)2+ (P_)                             | , /5                                  | )² - (P_)²                     | Choose formula 1     | or 2:                             |                        | <del></del>   | sure Curve       | T =   |  | (P <sub>d</sub> ) <sup>2</sup> |                                   |
| or                                     |                                       | ۰۰ (۳۵)۰                       | 1. P. P.             | . I formula i                     |                        |   | מו" = פ          | n x Li  | og                                     |                                | Open Flow                         |
| P <sub>e</sub> )2 - (P <sub>e</sub> ); | •                                     |                                | 2. P. 1. P.          | and divide                        | P. 2 - P. 2            | Assi  | or<br>igned      |   |  | Antilog                        | Deliverability Equals R x Antilog |
| <del></del>                            |                                       |                                | divided by: P2 -     | P <sub>u</sub> <sup>2</sup> by: [ | <u> </u>               | Standa  | rd Slope         | ļ   | L J                                    |                                | Mcfd                              |
| -634                                   | .35                                   | 57                             | 1.77                 | 6 .2494                           | 4                      | .85   | 0                | 2   | 120                                    | 1.629                          | 9.92                              |
| n Flow                                 |                                       |                                |                      |                                   |                        |   | <del></del>      |   |  |                                |                                   |
|  | 9.92                                  |                                | Mcfd @ 14            |                                   |                        | Deliverabilit   |                  | •   |  | ofd @ 14.65 psia               |                                   |
|  |                                       |                                |                      |                                   |                        |   | ed to make       | the abov  | e report and t                         | hat he has knowle              | edge of the facts                 |
|  |                                       |                                |                      | mect. Executed                    |                        |   |                  | Janua   |  |                                |                                   |
|  |                                       |                                |                      |                                   |                        |   | $\sim$           |   | _                                      |                                |                                   |
| <del></del>                            | · · · · · · · · · · · · · · · · · · · | Witness (                      |                      |                                   |                        |   | MALL             | $\sim$  | Da wa in                               | 6                              |                                   |

| exempt s          | clare under penalty or perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Lobo Production, Inc.  It the foregoing information and statements contained on this application form are true and correct to the form the form the form the form the form of the operator of the operator of the form are true and correct to the form the form of the form of the operator |
|-------------------|---|
| tion and<br>I her | Vor of type completion or upon use of the gas well herein named.  reby request a permanent exemption from open flow testing for the Lovelace 2-5  I 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 incapable of producing at a daily rate in excess of 150 mcf/D   |
| Date:             | 1/20/03   |
|                   | Signature:  |

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.