## 15-181-20226-00-00 KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test:   | n                                       | FC 0.6 co                           | 24                              | (See Instruc | tions on Rev                         | erse Side               | ,                           |  |  |                    |
|--|---|-------------------------------------|---------------------------------|--------------|--------------------------------------|-------------------------|-----------------------------|--|--|--------------------|
| Open Flow Deliverability  DEC 2.6 20  NCC WICHIT                         |   | Test Date:                          |                                 |              |                                      | API                     | No. 15                      |  |  |                    |
|  | ——————————————————————————————————————  | o MICHII                            | `A                              |              | Lease                                |                         |                             |  |  | Well Number        |
| Company Lobo Production, Inc.  |   |                                     |                                 |              | trong                                | 1-                      | 2                           |  |  |                    |
| County<br>Sherman  |   |                                     | Section<br>2                    |              | TWP<br>8S                            | <b>RNG (E/W)</b><br>39W |                             |  | . Acres Attributed                     |                    |
| Field<br>Goodland  |   |                                     | Reservoir<br>Niobrara           |              |                                      |                         | Gas Ga                      | hering Conne                             | ction                                  |                    |
| Completion Date 5/25/82  |   | Plug Back Total Depth               |                                 | )            |                                      | Packer :                |                             |  |  |                    |
| Casing Size  | Weigh                                   | nt                                  | Internal D                      |              | Set at Perforations                  |                         | orations                    | То                                       |  |                    |
| 4.5<br>Tubing Size   | Weigh                                   | ·                                   | Internal Diameter               |              | 1143 '<br>Set at Pe                  |                         |                             | 980 I                                    | 1000<br>To                             |                    |
| Tubing Size  | AAGIĞI                                  |                                     |                                 |              |                                      |                         |                             |  |  |                    |
| Type Completion Single   |   |                                     | Type Flui                       | d Production | 1                                    |                         | Pump U                      | nit or Traveling                         | Plunger? Yes /                         | No                 |
| Producing Thru   | % Carbon                                | % Carbon Dioxide                    |                                 |              | % Nitrogen                           |                         |                             | Gas Gravity - G <sub>e</sub><br>0 • 6    |  |                    |
| Vertical Depth(F   | 1)                                      |                                     |                                 | Pressi       | ire Taps                             |                         |                             | <del></del>                              |  | Run) (Prover) Size |
| <del></del>  |   |                                     |                                 |              |                                      |                         | 10/1                        | 7 / 0 4                                  | 2" Mete                                |                    |
| Pressure Buildu  |   |                                     |                                 |              | $\overline{}$                        |                         |                             |  | at 8:00                                |                    |
| Well on Line:  | Started                                 | 19                                  | at                              |              | (AM) (PM)                            | Taken                   |                             | 19                                       | at                                     | (AM) (PM)          |
| <del></del>  |   |                                     |                                 | OBSERVE      | D SURFACE                            | DATA                    |                             |  | Duration of Shut-                      | in Hours           |
| Static / Orifice Circle one: Pressure Dynamic Size Meter or Differential |   | Differential                        | Flowing Well Head Temperature t |              | Casing<br>Wellhead Pressure          |                         | Tubing<br>Wellhead Pressure |  | Duration<br>(Hours)                    | Liquid Produced    |
| 1 - • · · · · · · · · · · · · · · · · · ·                                | Prover Pressure 1 in (h)                |                                     |                                 |              | (P <sub>w</sub> ) or (P <sub>1</sub> |                         |                             | r (P <sub>t</sub> ) or (P <sub>c</sub> ) | (Hours) (Barrels)                      |                    |
| Shut-In  |   |                                     |                                 |              | 17                                   |                         |                             |  |  | ·                  |
| Flow   |   |                                     |                                 |              |                                      |                         |                             |  |  |                    |
|  |   |                                     |                                 | FLOW STR     | EAM ATTRI                            | BUTES                   |                             |  |  |                    |
| Plate<br>Coeffiecient  | Circle one:<br>Meter or                 | Press                               |                                 | ity T        | Tomporatura                          |                         | riation Metered Flow        |  | GOR<br>(Cubic Fee                      | Flowing<br>Fluid   |
| (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd                                 | <i>Prover Pressure</i><br>psia          | √ P <sub>m</sub> x H <sub>w</sub>   | Factor F                        |              | Easter 1                             |                         | (Mcfd)                      |  | Barrel) Gravi                          |                    |
|  | 1,0 4 40 <u>1,</u> 1, 1 4 4 4 1 101,    |                                     |                                 |              |                                      |                         |                             |  |  |                    |
| <u> </u>   |   |                                     | (OPEN FLO                       | OW) (DELIV   | ERABILITY)                           | CALCUL                  | ATIONS                      |  | /P /s                                  | = 0.207            |
| (P <sub>c</sub> ) <sup>2</sup> =   | _: (P <sub>w</sub> ) <sup>2</sup> =     | <u> </u>                            | P <sub>d</sub> =                | • •          | -                                    | - 14.4) +               |                             | :  | (P <sub>d</sub> ) <sup>2</sup>         |                    |
| (P <sub>2</sub> ) <sup>2</sup> • (P <sub>2</sub> ) <sup>2</sup>          | (P <sub>c</sub> )² · (P <sub>u</sub> )² | Choose formule 1 or 2:              | LOG of                          | Г ¬          |                                      | sure Curve              |                             | ا ٦ ٦ ٥                                  |  | Open Flow          |
| or<br>(P <sub>2</sub> ) <sup>2</sup> · (P <sub>2</sub> ) <sup>2</sup>    |   | tormula 1. or 2.  and divide p2. p2 |                                 | Assigned     |                                      | nx                      | LOG                         | Antilog                                  | Deliverability Equals R x Antilog Mcfd |                    |
|  |   | divided by: P2 - P2                 | by:                             |              | Standa                               | rd Slope                | -                           |  |  | MCIU               |
|  |   |                                     |                                 |              |                                      |                         | -                           | <u></u>                                  |  |                    |
|  | pen Flow Mcfd @ 14.65 psia              |                                     |                                 |              | <b>D</b> . N                         |                         |                             |  | Antal @ 14 SE poin                     |                    |
| Open Flow  | Deliverabilit                           |                                     |                                 |              | Acfd @ 14.65 psia                    |                         |                             |  |  |                    |
|  | •                                       |                                     | •                               |              | duly authoria                        |                         |                             |  | that he has know                       |                    |
| stated therein, an   | d that said report i                    | is true and corre                   | ct. Execute                     | d this the   | <u> </u>                             | day of                  | <u> </u>                    | cember                                   | n                                      | , 149'             |
|  | Witness (i                              | f any)                              | <del></del>                     |              | _                                    | - Ac                    | g les                       | V far                                    | Werz<br>Company                        |                    |
|  | For Comm                                |                                     |                                 |              |                                      | <i>V</i>                |                             | Cher                                     | ked by                                 | • •                |

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|---|--|
| I declare under penalty or perjury under the laws of the state of Kans exempt status under Rule K.A.R. 82-3-304 on behalf of the operator <u>Lobos</u> and that the foregoing information and statements contained on this applie the best of my knowledge and belief based upon gas production records a tion and/or of type completion or upon use of the gas well herein named. I hereby request a permanent exemption from open flow testing for the <u>gas</u> well on the grounds that said well: | cation form are true and correct to and records of equipment installa- |
| is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reserv is on vacuum at the present time; KCC approval Docket is incapable of producing at a daily rate in excess of 15  | et No  |
| Date:12/17/01   |  |
| Signature: Alu k<br>Title: Owner/Ope  | <b> </b>   |

## 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.