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

| Type Test  | t:                          |   |  |  | (See Instruc       | tions on Re  | verse Sid             | e)   |                                      |                                  |  |   |  |
|--|-----------------------------|---|--|--|--------------------|--|-----------------------|--|--------------------------------------|----------------------------------|--|---|--|
|  | en Flow                     |   |  | Test Dat   | e:                 |  |                       | ΔΡΙ  | l No. 15                             |                                  |  |   |  |
| De   | liverabilty                 |   |  | 11-3-10  |                    |  |                       |  | 9-20888-000                          | 00                               |  |   |  |
| Company<br>Fremont Exploration, Inc.   |                             |   |  |  | Lease<br>Williams  |  |                       |  |                                      | 23-1                             | Well N                                   | lumber  |  |
| County Location<br>Meade   |                             |   | Section<br>23  |  |                    | TWP<br>32S   |                       | /W)  | Acres Attributed                     |                                  | Attributed                               |   |  |
| Field<br>Razorhawk   |                             |   | Reservoi<br>Mississ  | ippi   |                    | Gas Gathering Conn<br>Duke                             |                       |  | ection                               |                                  |  |   |  |
| Completion Date<br>2-11-94   |                             |   | Plug Bad<br>5539'  | k Total Dep  | th                 | None   |                       | Set at   |                                      |                                  |  |   |  |
| Casing Size Weight<br>4.5 10.5   |                             |   | Internal I   | Diameter   | Set at 5629'       |  | Perforations<br>5477' |  | то<br>5485'                          |                                  |  |   |  |
| Tubing Size Weight 2.375 4.7   |                             |   | Internal I<br>1.995  |  | 547                | Set at Perforations 5470'                              |                       | rations  | То                                   |                                  |  |   |  |
| Single (   | Gas                         | Describe)   |  | None   | d Productio        |  |                       | No   |                                      | g Plunger? Yes                   |  |   |  |
| Producing Thru (Annulus / Tubing) Tubing   |                             |   |  | % (  | Carbon Diox        | ide  | % Nitrogen            |  | Gas Gravity - G <sub>g</sub><br>.665 |                                  | G <sub>g</sub>                           |   |  |
| Vertical Depth(H)<br>5481'   |                             |   |  | Pressure Taps<br>Flange  |                    |  |                       |  | (Meter Run) (Prover) Size 3"         |                                  |  |   |  |
| Pressure Buildup: Shut in 11-2 20  |                             |   | <sub>20</sub> 10 <sub>at</sub> 9   | 10 at 9:10 (AM) F  |                    |  | M) Taken 11-3 20      |  |                                      | (                                | (AM)(PM)                                 |   |  |
| Well on L  | ine:                        | Started   |  | 20 at  |                    | (AM) (PM)  | Taken                 |  | 20                                   | at                               |  | (AM) (PM)   |  |
|  |                             |   |  |  | OBSERVE            | D SURFACI  | E DATA                | 7  |                                      | Duration of Shut                 | :-in                                     | Hours   |  |
| Static /<br>Dynamic<br>Property  | Orifice<br>Size<br>(inches) | Circle one:  Meter Prover Press psig (Pm)                       | Differentia<br>sure in   | Flowing Well Head Temperature t  |                    | Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ |                       | Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) |                                      | Duration<br>(Hours)              |  | Liquid Produced<br>(Barrels)                                |  |
| Shut-In  |                             | poig (r iii)  | , menes 11 <sub>2</sub> e  |  |                    | psig 155   | psia                  | psig<br>75   | psia                                 | 24                               | 0  |   |  |
| Flow   |                             |   |  |  |                    |  |                       |  |                                      |                                  |  |   |  |
|  |                             |   |  |  | FLOW STF           | EAM ATTR   | IBUTES                |  |                                      |                                  |  |   |  |
| Plate<br>Coeffieci<br>(F <sub>b</sub> ) (F <sub>p</sub><br>Mcfd                  | ent                         | Circle one:<br>Meter or<br>rover Pressure<br>psia               | Press<br>Extension<br>✓ P <sub>m</sub> x h   | sion Factor  |                    | Tomporaturo  |                       | eviation Metered Flow<br>Factor R<br>F <sub>pv</sub> (Mcfd)                          |                                      | W GOR<br>(Cubic Feet/<br>Barrel) |  | Flowing<br>Fluid<br>Gravity<br>G <sub>m</sub>               |  |
|  |                             |   |  |  |                    |  |                       |  |                                      |                                  | ,  |   |  |
| <sup>5</sup> c) <sup>2</sup> =   | :                           | (P <sub>w</sub> ) <sup>2</sup> :                                | =:   | (OPEN FLO  | • •                | ERABILITY)   |                       | ATIONS<br>14.4 =   | :                                    |                                  | ) <sup>2</sup> = 0.2<br>) <sup>2</sup> = |   |  |
| (P <sub>c</sub> ) <sup>2</sup> - (F<br>or<br>(P <sub>c</sub> ) <sup>2</sup> - (F |                             | (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>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P | 1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup> LOG of formula 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> 1. or 2. and divide P <sup>2</sup> -P |                    | Backpressure Curve Slope = "n" Assigned Standard Slope |                       | n x LOG  |                                      | Antilog                          | De                                       | Open Flow<br>Deliverability<br>Equals R x Antilog<br>(Mcfd) |  |
|  |                             |   |  |  |                    |  |                       |  |                                      |                                  |  |   |  |
| Open Flow Mcfd @ 14.65 psia  |                             |   |  |  | Deliverability Mcf |  |                       |  | Mcfd @ 14.65 ps                      | fd @ 14.65 psia                  |  |   |  |
| The u  | ndersigne                   | ed authority, o   | on behalf of the   | e Company, s   | tates that h       | e is duly au   | thorized t            | o make th  | e above repo                         | ort and that he ha               | as knov                                  | vledge of   |  |
| e facts st   | ated there                  | ein, and that s   | said report is tru   | ie and correc  | t. Executed        | this the 17  | <b>7</b>              | day of N   | ovember                              |                                  | 1  | 20 10   |  |
|  |                             | Witness   | (if any)   |  |                    |  |                       |  | Jour For C                           | Cours                            | 7  | RECEIV  |  |
|  |                             | For Com   | mission  |  |                    | -  |                       |  | Chec                                 | cked by                          | •  | NOV 2 2   |  |
|  |                             |   |  |  |                    |  |                       |  |                                      |                                  | K  | CC WIC  |  |
|  |                             |   |  |  |                    |  |                       |  |                                      |                                  |  |   |  |

|  |   |   |   |  | of Kansas that<br>Fremont Explo  | am authorized to  | request  |
|--|---|---|---|--|--|---|----------|
| and that the<br>correct to the<br>of equipment<br>I hereby | e foregoing p<br>ne best of my<br>nt installation<br>request a or   | ressure inform<br>knowledge and<br>and/or upon typ    | ation and sta<br>I belief based<br>be of complet                      | itements conta<br>I upon availabl<br>ion or upon use | ined on this appearance of the control of the contr | olication form are<br>nmaries and lease<br>the gas well herei | erecords |
| l furthe   | is cyclis a solid is on volume. It is not agree to support to support is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree to support is not agree. It is not agree to support is not agree. It is not agree to support is not agree to support is not agree to support is not agree. It is not agree to support it is not agree to support is not agree to support it is not agree to support is not agree to support it is not agree | vacuum at the p<br>capable of pro<br>oply to the best | lift due to wa<br>I gas for inject<br>present time;<br>ducing at a co | ction into an oil KCC approval laily rate in exc     | ess of 250 mcf/l   |   |          |
| staff as nec   |   | roborate this c                                       | laim for exen   | nption from tes                                      | ting.  |   |          |
|  |   |   | -   | Jon. Petroleum E                                     | /  |   |          |

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.