**Conservation Division**

**TYPE TEST:** Initial  
**Company:** Kitchie Exploration Inc.  
**Location:** ARTHA GRIFFEE  
**Section:** 33  
**Township:** 5  
**Range:** 22W  
**Field:** LKC  
**Reservoir:** Koch  
**Completion Date:** 11-10-91  
**Type Completion (Describe):**  
**Plug Back T.D.:** 70-3901-3866  
**Facker Set At:**  
**Production Method:** Pumping  
**Gas Lift:**  
**Type Fluid Production:**  
**API Gravity of Liquid/Oil:** 38  
**Flowing:**  
**Casing Size:** 4/2  
**Weight:**  
**I.D.:** 3848  
**Set At:** 3206-09  
**Perforations To:**  
**Tubing Size:** 2 3/8  
**Weight:**  
**I.D.:**  
**Set At:**  
**Perforations To:**  

**Pretest:**  
**Duration Hrs.:**  
**Starting Date:**  
**Time:**  
**Ending Date:**  
**Time:**  

**Producing Wellhead Pressure**  
**Separator Pressure**  
**Choke Size**  
<table>
<thead>
<tr>
<th>Bbls./In.</th>
<th>Tank</th>
<th>Casing:</th>
<th>Tubing:</th>
<th>Separator Pressure</th>
<th>Choke Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Number</td>
<td>Feet</td>
<td>Inches</td>
<td>Barrels</td>
<td>Feet</td>
</tr>
<tr>
<td>Pretest:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test:</td>
<td>250</td>
<td>196051</td>
<td>4</td>
<td>3 5/4</td>
<td>6</td>
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</tbody>
</table>

**GAS PRODUCTION OBSERVED DATA**  
**Orifice Meter Connections**  
**Orifice Meter Range**  
<table>
<thead>
<tr>
<th>Pipe Taps:</th>
<th>Flange Taps:</th>
<th>Differential:</th>
<th>Static Pressure:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring Device</td>
<td>Run-Prover Tester Size</td>
<td>Orifice Size</td>
<td>Meter-Prover-Tester Pressure In.Water In.Merc. Paig or (Pd)</td>
</tr>
<tr>
<td>Press. (Fea) (Pm)</td>
<td>Diff. Press. (hw) or (hd)</td>
<td>Gravity (Gg)</td>
<td>Flowing Temp. (t)</td>
</tr>
</tbody>
</table>

**GAS FLOW RATE CALCULATIONS (R)**  
<table>
<thead>
<tr>
<th>Coeff. MCFD (Fb)(Fp)(OWTC)</th>
<th>Meter-Prover Press. (Fea) (Pm)</th>
<th>Extension √hw x Fm</th>
<th>Gravity Factor (Fg)</th>
<th>Flowing Temp. Factor (Ft)</th>
<th>Deviation Factor (Pfe)</th>
<th>Chart Factor (Pfd)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas Prod. MCFD</td>
<td>Oil Prod.</td>
<td>Gas/Oil Ratio</td>
<td>Cubic Ft.</td>
<td>Flow Rate (R):</td>
<td>Bbls./Day:</td>
<td>(GOR)</td>
</tr>
</tbody>
</table>

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 2nd day of April, 1992.

For Offset Operator  

For State  

For Company