STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT
Form C-5 Revised

Conservation Division

TYPE TEST: Initial
Company: Red Oak Energy
Lease Location:
Section: 27
Township: 7
Range: 23
Acres: 127
Field: Graham
Reservoir: LWC
Pipeline Connection: Clear Creek

Completion Date: 7-90
Type Completion (Describe): Plug Back T.D., Packer Set At 3834

Production Method: 5PM: 7 LS 48 Type Fluid Production
API Gravity of Liquid/Oil: 35.60

Casing Size: 4 1/2
Weight: 2.78

Tubing Size: 2 7/8
Weight: 3804

Pretest:
Starting Date: 1-17-91
Time: 1:00 PM
Ending Date: 1-18-91
Time: 1:00 PM
Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure
Casing: 3850
Tubing: 3800
Separator Pressure: X
Choke Size: Trace

<table>
<thead>
<tr>
<th>Bbls./In. Tank</th>
<th>Starting Gauge</th>
<th>Ending Gauge</th>
<th>Net Prod. Bbls.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Number</td>
<td>Feet</td>
<td>Inches</td>
</tr>
<tr>
<td>4 1/2</td>
<td>200</td>
<td>8221</td>
<td>3</td>
</tr>
</tbody>
</table>

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections
Orifice Meter Range

Pipe Taps: 0
Plunge Taps: 0
Differential: JAN 24, 1991
Static Pressure: 124/81

GAS FLOW RATE CALCULATIONS (R)

<table>
<thead>
<tr>
<th>Cuff, MCPD (Fb)(Pp)(OWTC)</th>
<th>Meter-Prover Press. (Psia)/(Fm)</th>
<th>Extension Vwh x Fm</th>
<th>Gravity Factor (Fg)</th>
<th>Flowing Temp. Factor (Ft)</th>
<th>Deviation Factor (FpV)</th>
<th>Chart Factor (Fp)</th>
</tr>
</thead>
</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 18th day of January 1991.

For Offset Operator: Maurice Miller
For State: Ben Denny
For Company: