Physical Productivity Report to THE STATE CORPORATION COMMISSION, Conservation Division, 212 N. Market, Wichita, Kansas

Producer's Name: Ruppe Oil Co., City of Stockton, 2-13 Riffe
Lessee Name: Rooks Arkuckle

Well No.: 13
Pool: W
County: R
Producing Horizon: 7-5
Pipe Line (Purchaser): W 15-165 21972 00-00

Taken: June 14, 1983
Effective: Day 10

<table>
<thead>
<tr>
<th>Tank No.</th>
<th>Size</th>
<th>Oil Level</th>
<th>B. S. &amp; W.</th>
<th>Barrels</th>
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<th>B. S. &amp; W.</th>
<th>Barrels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gun Bbl.</td>
<td></td>
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<tr>
<td>Settling Tank</td>
<td>200</td>
<td>4 1/4</td>
<td>48.85</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Well Data

- Top Prod. Horizon: 33.15 Ft.
- Total Depth: 33.50 Ft.
- Perforations: 5 1/2 in. to 5 1/2 in.
- Size of Casing: 5 1/2 in. Set at: 334.9 Ft.
- Size of Tubing: 2 7/8 in. Set at: 33 0-5 Ft.
- Size of Pump: 1 1/2 in. Type: Inser t
- Gravity of Oil: 23° Temp. 60°
- Percentage of Water: 50 Acid gal. Date

Test Data

- Temporary
- Permanent Field
- Swabbing
- Pumping
- Length of Stroke: 54 In. S. P. M. 96

Pretest Information:

- Hours pumped: 24
- Bbls. Produced: NE-SW-SE
- Tank Tables Used: Est. 1.67 (Bbls. per In.)

Checked by: Dale J. Ballhaus

Send ORIGINAL WHITE COPIES to OFFICE. GIVE PINK to PRODUCER. BLUE to last OFFSET WITNESS. YELLOW retained by GAUGER—REPORT FULLY ANY INCOMPLETED POTENTIAL.