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

Angle Oil Co.  Zwink  Rooks  Arbuckle  Koch
Producer's Name  Lease Name  Well No.  Tool  Count  Producing Horizon  Pipe Line (Purchaser)

Taken: November 3, 1982  Effective: Month  Day  Sec.  Tpy.  Lease Description

<table>
<thead>
<tr>
<th>Tank No.</th>
<th>Oil Level B.S. &amp; W. Barrels</th>
<th>Time on:</th>
<th>Oil Level B.S. &amp; W. Barrels</th>
<th>Opening Gauge</th>
<th>Closing Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gun Bbl.</td>
<td>20/48</td>
<td>3</td>
<td>50</td>
<td>6.68</td>
<td></td>
</tr>
<tr>
<td>Settling Tank</td>
<td>200</td>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Well Data
- Top Prod. Horizon: 3312 Ft.
- Total Depth: 3321 Ft.
- Perforations: to 4 1/2 Ft.
- Size of Casing: 4 1/2 Set at 3312 Ft.
- Size of Tubing: 2 Set at 3315 Ft.
- Size of Pump: 1/2 Type, Insert
- Gravity of Oil: 19° Temp. 60°
- Percentage of Water: 96 Acid, gal.

Test Data
- Temporary: Field
- Permanent: Special
- Flowing: Swabbing
- Pumping: Special

Length of Stroke: 64 In.  S. P. M. 10/12

Pretest Information:
- Received: 11-16-82
- Test Data: 11-16-82
- Est. (Bbls. per In.)
- Checked by:

Total Bbls. Produced: 7

Productivity:

Remarks:

SEALS and USES:

WITNESSING: We, the undersigned, personally witnessed the gauging periods as indicated by our signatures, and certify that they were taken according to the Commission's Rules.

Gauge Witnesses
- For Producer
- Offsets Owner
- For State

[Signatures]

Send ORIGINAL WHITE COPY to OFFICE. Give PINK to PRODUCER. BLUE to last OFFSET WITNESS. YELLOW retained by GAUGER.—REPORT FULLY ANY INCOMPLETE POTENTIAL.