PRODUCTIVITY TEST
BARREL TEST 15-63-21702-00-00

RULE 81-2-106 of the General Rules and Regulations of the State of Kansas:

Productivities; when to be taken. (b) Pool tests. Pool tests shall be taken as
ordered by the Commission at twelve (12) month intervals thereafter.

COUNTY  Rooks
FIELD  Riffe
PRODUCING FORMATION  Arbuckle
OPERATOR  Tim oil co.
LEASE  Brown

15-163-21989-00-00

<table>
<thead>
<tr>
<th>WELL NO.</th>
<th>SEC.</th>
<th>TWP.</th>
<th>RGE.</th>
<th>BOPD</th>
<th>WATER %</th>
<th>DATE TAKEN</th>
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<td>18</td>
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<td>73</td>
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</table>

FIELDMAN'S REMARKS: 
___________________________________________________________________
___________________________________________________________________
___________________________________________________________________

WITNESSES:  

[Signatures]

FOR STATE  FOR OPERATOR  FOR OFFSET

* NOTE: IF THE WELL IS TEMPORARY ABANDONED AT TIME OF TEST, BUT AT A LATER DATE IS
PUT ON PUMP, PLEASE HAVE IT TESTED AT THAT TIME. CALL (913)-735-2786, OR WRITE:
GILBERT LEIKER, 805 MAIN, VICTORIA, KANSAS 67671 TO SCHEDULE A TEST. THIS
PREVENTS OVER PRODUCTION ON THE TABLE "B" REPORT.