### WELL PLUGGING RECORD

**Rooks**  
**County** Sec. 16 
**Town** Twp. 6  
**Range** Rge. 18 (E) 
**Section** (F) 
**W** (W)

**Location as "NE/CNWXSE" or footage from lines:** S/4 NW SE

**Lease Owner:** Shields Oil Producers, Inc.

**Lease Name:** Sande

**Well No.:** 1

**Office Address:** Shields Bldg., Russell, Kansas

**Character of Well** (completed as Oil, Gas or Dry Hole) **Dry hole**

**Date well completed:** 6-6 1974

**Application for plugging filed:** 6-6 1974

**Application for plugging approved:** 6-6 1974

**Plugging commenced:** 6-6 1974

**Plugging completed:** 6-6 1974

**Reason for abandonment of well or producing formation** **Dry hole**

**If a producing well is abandoned, date of last production:** 19

Was permission obtained from the Conservation Division or its agents before plugging was commenced? **Yes**

**Name of Conservation Agent who supervised plugging of this well:** Leo Massey

**Producing formation:** Depth to top **Bottom**

**Total Depth of Well:** 3,490 **Feet**

**Show depth and thickness of all water, oil and gas formations:**

### OIL, GAS OR WATER RECORDS

<table>
<thead>
<tr>
<th>FORMATION</th>
<th>CONTENT</th>
<th>FROM</th>
<th>TO</th>
<th>SIZE</th>
<th>PUT IN</th>
<th>PULLED OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cmtd. w/135 sax</td>
<td>8 5/8&quot;</td>
<td>200'</td>
<td></td>
<td></td>
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</tbody>
</table>

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from foot to foot for each plug set.

- Fill hole w/heavy mud
- Push bridge plug to 700'
- Spotted 80 sax cement on plug thru 4 1/2" drill pipe
- Fill hole w/heavy mud
- Push bridge plug to 215'
- Spotted 20 sax cement on plug thru 4 1/2" drill pipe
- Push bridge plug to 40' w/1/2 sax hulls on plug
- Dump 10 sax cement on plug to cellar

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**STATE OF KANSAS**  
**COUNTY OF RUSSELL**  
**R. L. Shields** (employee or owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature)

Shields Bldg., Russell, Kansas

My commission expires May 26, 1975

Notary Public.
Operator: Shields Oil Producers, Inc.
Well: Sander #1
Commenced: June 1, 1974
Completed: June 6, 1974
Contractor: Shields Drilling Co., Inc.

Casings Record

<table>
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<th>Run</th>
<th>Pulled</th>
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Well Description:

S/2 NW SE
Sec. 16-6S-18W
Rooks Co., Kansas

Elevation: 1,954' RB
Treatment: D & A
Tops:

Figures Indicate Bottom of Formations

- Top soil, clay & shale: 205'
- Shale: 688'
- Shale & sand: 1,429'
- Anhydrite: 1,459'
- Shale & shells: 2,070'
- Shale & lime: 3,082'
- Lime: 3,280' RTD

RECEIVED
STATE CORPORATION COMMISSION
JUN 25 1974
CONSERVATION DIVISION
Wichita, Kansas

Notes