WELL PLUGGING RECORD

OR

FORMATION PLUGGING RECORD

Phelps County.  Sec. 39.  Twp. 5.  Rgs. (E) 20. (W)
Location as "NE 1/4 NW 1/4 SW 1/4" or footage from line 9905 9900 of NE Corner
Lease Owner: Cities Service Oil Company
Lease Name: Reese "D"
Office Address: Bartlesville, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole): Dry Hole
Date well completed: 1-2- ...
Application for plugging filed: 4-30- ...
Application for plugging approved: 5-1- ...
Plugging commenced: 5-2- ...
Plugging completed: 5-6- ...
Reason for abandonment of well or producing formation:

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: Mr. W. A. Rives
Producing formation: Reagan Sand
Depth to top: 3649
Bottom: Total Depth of Well: 3670 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>Pilled Out</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reagan Sand</td>
<td>Trace Oil &amp;</td>
<td>8 5/8</td>
<td>8.5/8</td>
<td>200</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td></td>
<td>8 1/2</td>
<td>3500</td>
<td></td>
<td>2900</td>
</tr>
</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 feet to feet for each plug set.

Filled with sand to 3410', dumped 5 sacks cement.
mud to 200', set plug @ 200', dumped 15 sacks, mud to 20'
sat plug and dumped 10 sacks cement.

Correspondence regarding this well should be addressed to: Mr. E. S. Cooper
Cities Service Oil Company
Great Bend, Kansas

STATE OF KANSAS
COUNTY OF BARTON

Mr. James Porter
(employees of owner) or (employees of 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)

P.O. Box 573, Russell, Kansas

My commission expires: 3-12-1951

Notary Public.
**WELL RECORD**

**Company:** Cities Service Oil Co.  
**Well No.:** A  
**Farm:**  
**Reese or SE**

**Location:** 990° South and 990° West of NE Corner  
**Sec.:** 29  
**T.:** 5  
**R.:** 20

**Elevation:** 2226 (2226 C.E.)  
**County:** Phillips  
**State:** Kansas

**Drilling Comm.:** November 21, 1947  
**Contractor:** E. W. Rice Drilling Company

**Drilling Comp.:** December 22, 1947  
**Acid:** 1000 gals. 3432-55 (1-6-48)

**T.D.:** 3670'  
**Initial Prod:**  
**Dry Hole:**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>0-5/8'</td>
<td>0-202 cement</td>
<td>200' C.C.</td>
</tr>
<tr>
<td>5-1/2'</td>
<td>2650' cement</td>
<td>150' cement</td>
</tr>
</tbody>
</table>

**Formation Record:**

- Clay, sand & shells: 0-202  
- Sand: 360  
- Shale & sand: 1735  
- Shale & shells: 1990  
- Lime & shale: 2240  
- Shale & shells: 2815  
- Shale & lime: 3145  
- Lime & shale: 3375  
- Lime: 3620  
- Lime & shale: 3640  
- Cored sandy shale (sec. 1') 3647  
- Sand: 3652  

**R.D. 3652 T.D. = 3654 D.H:**

- Lime: 3657  
- Sand: 3670 T.D.

**Total Depth:** 3670'  

**Penetration:** 3'

**Top Lancing:** 3400'  
**Carb. Top Arpneckle:** 3461'  
**Top Anagan:** 3667'  

**Set Halliburton plug at 3635.** Plugged with cement and oil seal 3635-3618 D.H.

**Perf.: 30 shots 3448-55.**  
12 gals. muddy water with small show oil in 15 mins.

**Perf.: 24 shots 3432-40.**  
= 27 shots 3473-78.  
= 9 shots 3412-20.  

**625' water with small show oil in 7 hrs.**

1-1-48 Acidized 3473-78 with 500 gals.  
Pumped 60 water, no oil, 24 hrs.

**Acidized 1000 gals. 3432-55.**  
Pumped 2½ oil, 96 water, 22 hrs.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Amount</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>500'</td>
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<td></td>
</tr>
<tr>
<td>1000'</td>
<td>OK</td>
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</tr>
<tr>
<td>1500'</td>
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</tr>
<tr>
<td>2000'</td>
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<td></td>
</tr>
<tr>
<td>2500'</td>
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<td></td>
</tr>
<tr>
<td>3125'</td>
<td>OK</td>
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</tbody>
</table>

3-30-48

7-7/8' rotary hole.