WELL PLUGGING RECORD

Rocks:         County, Sec. 20  Twp. 8  Rge.  (R) 18 (W)
Location as "NE/CNW4/SW¼" or footage from lines 330'N  330'E of W¼ Corner
Lease Owner:    Cities Service Oil Co.
Lease Name:     Self B
Office Address: Bartlesville, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole): Dry Hole
Date well completed: 5-22  1949
Application for drilling filed: 5-22  1949
Application for drilling approved: 5-22  1949
Plugging commenced: 5-22  1949
Plugging completed: 5-22  1949
Reason for abandonment of well or producing formation:
If a producing well is abandoned, date of last production:
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. Petty
Producing formation: Arbuckle Lime
Depth to top: 3500'  Bottom: Total Depth of Well: 3530'  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>Arbuckle Lime</td>
<td>Dry</td>
<td>8 5/8</td>
<td>245</td>
<td>None</td>
<td></td>
<td></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 ______ to ______ feet for each plug set.

Filled hole with heavy mud from total depth to 245 ft. Set Halliburton plug, 15 sacks cement on plug, mud to 85 ft. Set Halliburton plug, 10 sacks cement on plug, mud and dirt to surface.

Correspondence regarding this well should be addressed to: Mr. R. C. Cooper
Address: P. O. Box 751  Great Bend, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.
Mr. James Porter (employee of owner) or subscriber 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)  James Smith
Box 553, Russell, Kansas

My commission expires 3-17-1951  9:48-10M

Notary Public.
WELL RECORD

Company: Cities Service Oil Co.
Well No.: 1
Farm: Hoels "E"

Location: 2310' South and 330' East of NW Corner
Sec.: 20
T.: 8
R.: 18
W.

Elevation: 2020 (2023 gr.)
County: Books: State: Kansas

Drlg. Comm.: May 11, 1949
Contractor: Holm Drilling Company

Drlg. Comp.: May 22, 1949
Acid: None

T. D.: 3530'
Initial Prod.: Dry Hole (F. & A. 5-23-49)

Casing Record:
6-5/8" @ 246' cement, 175 ex cement

Formation Record:
shale & lime: 0-125
shale: 246
shale & shells: 280
sand & shale: 710
shale & shells: 925
sand: 1145
shale: 1420
anhydrite: 1635
shale & shells: 2100
lime & shale: 2255
shale & lime: 2510
lime & shale: 2620
shale & lime: 2725
shale & broken lime: 2770
lime & shale: 2980
lime: 3472
lime & chert: 3486
lime: 3491
lime & chert: 3504
lime: 3530 T. D.

Hebner: 3172'
Dodge: 3190'
Lansing: 3215'
Cherty Conglomerate: 3476'
Artuskie: 3500'
Penetration: 30'
Total Depth: 3530'

SYFO: 500' 1°
1000' 0°
1500' 0°
2000' 1°
2500' 1°
3000' 0°

7-7/8" rotary hole.

PLUGGING
FILE SEC. 20 T. 8 R. 18
BOOK PAGE 7 LINE 1

RECEIVED
Conservation Div.
June 1, 1949
STATE CORPORATION
KANSAS