WELL PLUGGING RECORD

C-SE-SE Clark County, Sec. 21, Twp. 34, Rge. (E), 21 (W)
Location as "NE/4 NW/4" or footage from lines C-SE-SE
Lease Owner: Sunray 4d-Continental Oil Company
Lease Name: J. C. Harper
Office Address: Box # 1878, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole): Gas
Date well completed: May 23, 1952
Application for plugging filed: July 17, 1959
Application for plugging approved: July 21, 1959
Plugging commenced: August 3, 1959
Plugging completed: August 12, 1959
Reason for abandonment of well or production formed: Depleted
If a producing well is abandoned, date of last production: September 1957
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: J. Lewis Brock
Producing formation: Morrow
Depth to top: 5142  Bottom: 5160 Total Depth of Well: 7350 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>FORM FROM</th>
<th>TO</th>
<th>SIZE</th>
<th>PUT IN</th>
<th>PULLED OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lansing</td>
<td>Dry</td>
<td>1459</td>
<td>1806</td>
<td>16'</td>
<td>118'</td>
<td>0</td>
</tr>
<tr>
<td>Morrow</td>
<td>Gas</td>
<td>5805</td>
<td>5517</td>
<td>8-1/2&quot;</td>
<td>359'</td>
<td>0</td>
</tr>
<tr>
<td>Mississippi</td>
<td>Dry</td>
<td>5617</td>
<td>7350</td>
<td>5-1/2'</td>
<td>5615'</td>
<td>5021'</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.

Set cement plug @ 5216' w/ 10 sack. Piled hole w/ dril mud to 113'. Set plug w/10 sacks cement. Piled hole w/ dril mud and 7 sacks cement to top of surface sting. Weld plate on top of cag. Plugging completed.

Log attached

RECEIVED
STATE CORPORATION COMMISSION
AUG 31, 1959
CONSERVATION DIVISION
Wichita, Kansas

IF ADDITIONAL DESCRIPTION IS NEEDED, USE BACK OF THIS SHEET

Name of Plugging Contractor: Toland & Reeves - Box 1878 - Oklahoma City, Oklahoma
Address

STATE OF Kansas COUNTY OF Sedgwick
Not A. Gareth
(employee of owner or lessee 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)

Box 1878 - Wichita, Kansas

My commission expires: July 13, 1963

PLUGGING
FILE SEC. 21 T. 34 R. 24 W
BOOK PAGE 52 LINE 10

Notaey Public.
HARPER WELl NO. 1
15-025, 001-4-00-00
Clark County, Kansas

CONTRACTOR: THE R. W. RINE DRILLING COMPANY
Started: March 10, 1952
Finished: May 8, 1952

LOG

Surface Sand and Shale: 0 - 100 3 Jts. 16" @ 18" w/200 ft. w/200 c.f.
Sand & Red Bed: 100 - 120
Sand and Gravel: 120 - 265 13-3/8" @ 350 ft. w/200 ft. 34 ft. core 13 3/8" c.c.
Red Bed: 265 - 333
Ctng. Plug - Shale; Sand; Shells: 333 - 1760 3 5/8" @ 200 ft. + 10°

Shale and Lime: 1760 - 2400 3 5/8" @ 1000 ft. + 10°
Shale and Lime: 2400 - 3250 3 5/8" @ 1200 ft. & 1500 ft. + OK
Shale: 3250 - 4250 3 5/8" @ 2500 ft. + OK
Shale and Lime: 4250 - 4900 3 5/8" @ 2500 ft. + OK
Shale: 4900 - 5700 3 5/8" @ 2500 ft. + OK
Shale and Lime: 5700 - 5900 3 5/8" @ 2500 ft. + OK
Shale: 5900 - 6200 3 5/8" @ 2500 ft. + OK
Shale and Lime: 6200 - 6500 3 5/8" @ 2500 ft. + OK
Shale: 6500 - 6800 3 5/8" @ 2500 ft. + OK
Shale and Lime: 6800 - 7200 3 5/8" @ 2500 ft. + OK
Shale: 7200 - 7600 3 5/8" @ 2500 ft. + OK
Shale and Lime: 7600 - 7900 3 5/8" @ 2500 ft. + OK
Shale: 7900 - 8200 3 5/8" @ 2500 ft. + OK
Shale and Lime: 8200 - 8700 3 5/8" @ 2500 ft. + OK
Shale: 8700 - 9200 3 5/8" @ 2500 ft. + OK
Shale and Lime: 9200 - 9600 3 5/8" @ 2500 ft. + OK
Shale: 9600 - 10000 3 5/8" @ 2500 ft. + OK
Shale and Lime: 10000 - 10200 3 5/8" @ 2500 ft. + OK
Shale: 10200 - 10500 3 5/8" @ 2500 ft. + OK

Cement: 10500 - 11000 3 5/8" @ 2500 ft. + OK

Cement: 11000 - 11200 3 5/8" @ 2500 ft. + OK

State of Kansas
County of Sedgwick

I, R. H. Green, do hereby certify that the above is a true and accurate log of the Harper Well No. 1, located on the SE SE, Section 21-38-21SW, Clark County, Kansas.

PLUGGING FILE
BOOK PAGE

Subscribed to and sworn to before me this 15th day of May, 1952.
My commission expired April 30, 1955.

Assistant Secretary

[Signature]

Notary Public