WELL PLUGGING RECORD

Osborne County, Sec. 24, Twp. 88, Rge. 15W (E)-(W)
Location as "NE-CNW/4SW" or footage from lines Ctr. 34/4
Lease Owner: Texaco, Inc.
Lease Name: Grace Thornburg
Office Address: 614 Sitting Eblg., Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole): Dry Hole
Date well completed: 10/22/19 59
Application for plugging filed: 10/22/19 59
Application for plugging approved: 10/23/19 59
Plugging commenced: Via Verbal Authority 10/22/19 59
Plugging completed: 10/22/19 59
Reason for abandonment of well or producing formation: Well drilled dry

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 - Verbaully

Name of Conservation Agent who supervised plugging of this well: Donald Trum
Producing formation: Dry Hole
Depth to top: __ Bottom: __
Total Depth of Well: 3660 Feet
Show depth and thickness of all water, oil and gas formations.

<table>
<thead>
<tr>
<th>OIL, GAS OR WATER RECORDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORMATION</td>
</tr>
<tr>
<td>Well Drilled Dry</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.

Plugged As Follows:

- Heavy Mud 3660 to 300
- Halliburton plug w/ ½ sx. hulls @300'
  25 Sz. Cement 300 to 225
- Heavy Mud 225 to 40
- Halliburton plug 4 ½ sx hulls @40'
  10 Sz. Cement to bottom of collar.
- Filled rat hole w/mud to 10 feet. 2 Sz. Cement to top.

RECEIVED

STATE CORPORATION COMMISSIONER

OCT. 3 1959

CONSERVATION DIVISION
Wichita, Kansas

Name of Plugging Contractor: Leben Drilling, Inc.
Address: 905 Central Building, Wichita, Kansas

(Signature)

(Additional description is necessary, use BACK of this sheet)

State of Kansas, County of Sedgwick, ss. (employee of owner) or (employee of lessee) 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)

614 Sitting Building, Wichita, Kansas

My commission expires September 20, 1960
STATE OF KANSAS
STATE CORPORATION COMMISSION
GIVE ALL INFORMATION COMPLETELY
MAIL OR DELIVER REPORT TO:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

NORTH

Locate well correctly on above
Section Plat

OSBORNE
County, Sec. 24
Twp. 8S
Rga. 15W

Location as "NE/CN/WsSWt" or footage from lines:

C SW1/2

Lease Owner: The Texas Company
Lease Name: Grace E. Thornburg
Office Address: 614 Bitting Bldg., Wichita, Kansas

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

Date well completed: 10-22-59

Application for plugging filed: 10-21-59

Application for plugging approved: 10-21-59

Plugging commenced: 10-21-59

Plugging completed: 10-22-59

Reason for abandonment of well or producing formation: Dry Hole

Yes

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?

Name of Conservation Agent who supervised plugging of this well:
Donald Truan

Producing formation:
Depth to top: 8 feet

Bottom: 305 feet

Total Depth of Well: 3660 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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8 5/8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>305</td>
</tr>
</tbody>
</table>

PULLED OUT

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.

1st plug set @ 300' w/ 25 ft. cement & 1 ft. hulls.

2nd plug set @ 400' w/ 10 ft. cement & 4 ft. hulls.

Rat hole plugged w/ 2 sacks cement.

Halliburton cement.

RECEIVED
STATE CORPORATION COMMISSION
OCT 19 1939
CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS
COUNTY OF SEDGWICK

Name of Plugging Contractor: Leben Drilling, Inc.
Address: 905 Central Bldg., Wichita, Kansas

My commission expires: April 23, 1963

Juanita M. Green
Notary Public.
THE TEXAS COMPANY—LOG OF WELL
Tulsa DIVISION

WELL: Grace Thornburg
L. D. FILE NO.: 190153
LOC.: Ctr. SW/4
SEC. 24
TWP. 88
RGE. 15W

Dist.: Wichita
Co.-Parish: Osborne
State: Kansas

COMM. DRLG.: 10/11/59
COMP. DRLG.: 10/22/59
DAYS DRLG.: 12

RST. FROM: 0
TO: 3660
CABLE FROM: TO:

CONTR. OR CO. RIG NO.: Leben Drilling Co., Inc.* T. D. DRILLED: 3660

COMP. T. D.: 3660
ZERO ELEV.: KB 1848
GRD. ELEV.: 1846
COG. FLG. ELEV.: 1846

DATE OF FIRST PROD.: Dry Hole
OFFICIAL COMP. DATE: 10/22/59

LOGS RUN: Schlumberger Induction, laterol & Sonic Log

CASING RECORD

<table>
<thead>
<tr>
<th>SIZE</th>
<th>DEPTH</th>
<th>WEIGHT</th>
<th>GRADE</th>
<th>RANGE</th>
<th>REMARKS—QUAN. CMT., TEMP., SURV., ETC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-5/8&quot;</td>
<td>300'</td>
<td>22#</td>
<td>SW</td>
<td>R-3</td>
<td>Set &amp; Cemented @307' w/210 sq. HA5 Cement. Cement Circulating.</td>
</tr>
</tbody>
</table>

COMPLETION DATA

<table>
<thead>
<tr>
<th>FORMATION</th>
<th>Dry Hole</th>
<th>P &amp; A</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATE OF TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEPTH OF PROD. INTERVAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INITIAL PRODUCTION: OIL - BPD</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GAS - MCF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WATER - BPD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GOR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BHP - PSI</td>
<td></td>
</tr>
<tr>
<td>CORRECTED API GRAVITY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRODUCING CONDITONS</td>
<td>P &amp; A</td>
<td></td>
</tr>
<tr>
<td>ARTIFICIAL STIMULATION</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

REMARKS

WELL: Grace Thornburg
FIELD: Wildcat
AREA: Hays

TOTAL NUMBER OF SHEETS: 2
DRILLER'S LOG

COMPANY: THE TEXAS COMPANY
CONTRACTOR: LEBEN DRILLING, INC.
FARM: GRACE THORNBURG #1
LOCATION: C SW¼ SEC. 24-55-15W
COMMENCED: OSBORNE COUNTY, KANSAS
10-10-59
COMPLETED: 10-22-59

0 35 35 Postrock and Shale
25 75 207 Shale and Shells
307 440 Blue Shale
440 1060 Shale and Shells
1060 1190 Shale and Redbed
1190 1180 Redbed
1180 1325 Anhydrite
1325 1350 Redbed, Shale and Shells
1350 1720 Shale and Shells
1720 1090 Lime and Shale
1090 1985 Lime and Shale
1985 2085 Lime and Shale
2085 2185 Lime
2185 2275 Lime
2275 2390 Lime and Shale
2390 2515 Lime and Shale
2515 2610 Lime and Shale
2610 2775 Shale and Lime
2775 2090 Lime and Shale
2090 2930 Lime and Shale
2930 2950 Lime
2950 3035 Lime and Shale
3035 3120 Lime
3120 3190 Lime
3190 3415 Lime and Shale
3415 3905 Lime and Shale
3905 3940 Lime
3940 3660 Lime and Chert
3660 3660 Rotary Total Depth - 8 6/5

RECEIVED
STATE CORPORATION COMMISSION
07/30/59
CONSERVATION DIVISION
Wichita, Kansas
10/30/59

Set 8 5/8" surface casing @ 3061 with 200° sacks Halliburton cement.

I, Frank Hamlin, do hereby certify that the above and foregoing is a true and correct copy of the log of the Grace Thornburg #1, located in the C SW¼ of Section 24, Township 8 South, Range 15 West, Osborne County, Kansas, as reflected by the files of Leben Drilling, Inc.

[Signature]
Frank Hamlin

STATE OF KANSAS
COUNTY OF SEDGWICK

Subscribed and sworn to before me, a Notary Public, in and for Sedgwick County, Kansas, this 26th day of October, 1959.

[Signature]
Juanita H. Green, Notary Public

My Commission Expires:
April 23, 1963
Set 8 5/8" surface casing @ 3061 with 200 sacks Halliburton cement.

I, Frank Hamlin, do hereby certify that the above and foregoing is a true and correct copy of the log of the Grace Thornburg #1, located in the C SW 1/4 of Section 24, Township 8 South, Range 15 West, Osborne County, Kansas, as reflected by the files of Leben Drilling, Inc.

Frank Hamlin

STATE OF KANSAS
COUNTY OFSEDGWICK

Subscribed and sworn to before me, a Notary Public, in and for Sedgwick County, Kansas, this 26th day of October, 1959.

Juanita M. Green, Notary Public

My Commission Expires: April 23, 1963