WELL PLUGGING RECORD

Date: 1-6-61

Books: County, Sec. Twp. Rep. 17 E, (W)
Location as "NE/NE\SW/" or footage from lines Corner SE SE NW
Lease Owner: Cities Service Petroleum Company
Lease Name: Oliva
Well No: 1
Office Address: Box 553, Russell, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed: 1-2-61
Application for plugging filed: 1-2-61
Application for plugging approved: 1-3-61
Plugging commenced: 1-3-61
Plugging completed: 1-6-61
Reason for abandonment of well or producing formation Non Commercial

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: Eldon Patty
Producing formation: Depth to top: Bottom: Total Depth of Well: 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>PULLED OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-5/8&quot;</td>
<td>3-31/2&quot;</td>
<td>0</td>
<td></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 feet to feet for each plug set.

Heavy Rotary Mud 3401" to 500'
Howco Plug and 20 sx. cement at 500'
Mud to 180'
Howco Plug and 20 sx. cement to 180'
Mud to 35'
Howco Plug - 1/2 sx. hulls and 10 sx. cement to base of cellar.
Job complete 7:00 A.M. 1-5-61

STATE CORPORATION COMMISSION

JAN 1961
01-18-61
CONSERVATION DIVISION

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor: Peel Brothers, Inc.
Address: Box 553 - Hoisington, Kansas

STATE OF KANSAS
COUNTY OF BARTON

W. H. Hardin (employee of owner) or (employee of owner) 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 553, Russell, Kansas

SUBSCRIBED AND SWORN TO BEFORE ME this 9th day of January, 1961

My commission expires March 17, 1963

Notary Public.
**WELL RECORD**

WILDCAT

**DISCOVERY**

POOL: Cities Service Oil

COMPANY: Bethlehem Company

WELL #: 1

FARM: Oliva

LOCATION: 2310° South and 2310° East of NW Corner

Section 9, Township 7, Range 17W

ELEV: 1912 (1909 Gr.)

CO: Rocks

STATE: Kansas

IP: Dry hole. P. & A. 1-3-61.

PERFS:

FRAC: ACID: None

T.D.: 3401′

PBTN: GRAV/GOR

DRLG. COMM.: COMP.

CONTRACTOR: Peet Bros., Inc.

**CASING RECORD:**

8-5/8” at 1301′ with 600 sacks cement.

**FORMATION RECORD:**

- **lime** 0-99
- **shale** 186
- **pyrite** 188
- **shale and shells** 340
- **sand** 252
- **lime and shale** 560
- **sand and streaks pyrite** 585
- **sand and shells** 740
- **sand** 980
- **shale and shells** 1240
- **red bed** 1292
- **Anhydrite** 1322
- **shale and lime shells** 1600
- **shale and shells** 1770
- **shale and lime** 1970
- **lime** 2350
- **lime, shale and shells** 2455
- **shale and lime** 2700
- **broken lime** 2765
- **shale** 2796
- **lime** 2960
- **lime and shale** 3015
- **shale and lime** 3059
- **lime** 3062
- **lime and shale streaks** 3092

**SLOPE TESTS (SYFO):**

- 500′ - 1′
- 1000′ - 1′
- 1500′ - 1′
- 2005′ - 1′
- 2585′ - 1′
- 3100′ - 1′

7-7/8″ Rotary Hole.

RECEIVED
STATE CORPORATION COMMISSION
JAN 18, 1961
CONSERVATION DIVISION
Wichita, Kansas