WELL PLUGGING RECORD

Rawlins County, Sec. 10, Twp. L-8, Range 31 W(E), (W)

Location as "NE/CNWKSW" or footage from lines Center NE/4 of SW/4

Lease Owner: Columbia Natural Fuel Corporation

Lease Name: Edmund Unger

Office Address: 1003 First Building, Amarillo, Texas

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

Date well completed: October 28, 1954

Application for plugging filed: October 28, 1954

Application for plugging approved: October 28, 1954 by phone - Eldon Petty

Plugging commenced: October 28, 1954

Plugging completed: October 28, 1954

Reason for abandonment or producing formation: Dry hole

If a producing well is abandoned, date of last production: None

Was permission obtained from the Conservation Division or its agents before plugging commenced? Yes

Name of Conservation Agent who supervised plugging of this well: Eldon Petty - Hays, Kansas

Producing formation: Depth to top: Bottom: Total Depth of Well: 2540 Feet

Show depth and thickness of all water, oil and gas formations:

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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></td>
<td></td>
<td>2540'</td>
<td>270'</td>
<td>9.5%</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>270'</td>
<td>225'</td>
<td>Common Cement = 15 sacks</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>225'</td>
<td>40'</td>
<td>9.5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>40'</td>
<td>0'</td>
<td>Common Cement = 10 sacks</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.

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Name of Plugging Contractor: Robert Grady

Company: 1003 First Building, Amarillo, Texas

State of Texas, County of Potter

Robert Grady (employee of owner) or (owner 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)

Robert Grady

Address: 1003 First Building, Amarillo, Texas

Subscribed and sworn to before me this 1st day of November, 1954.

Notary Public

My commission expires: June 4, 1955

cc: Eldon Petty
    Victor Colter
    Harvey Hagens
    File

PLUGGING

11-05-1954
Columbian Fuel Corporation

LOG OF WELL

Well Name: Edmund Unger
GW: 1151
Location: Center NE SW Section 10, Township 1, Range 31-W, Rawlins County, Kansas

Date Commenced: October 24, 1954
Date Completed: October 28, 1954
Contractor: Midwestern Drillers
Production: Dry hole

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-40</td>
<td>Sand and gyp</td>
</tr>
<tr>
<td>40-250</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>250-288</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>288-810</td>
<td>Clay and shale</td>
</tr>
<tr>
<td>810-1250</td>
<td>Shale and shells</td>
</tr>
<tr>
<td>1250-1617</td>
<td>Shale and lime</td>
</tr>
<tr>
<td>1617-1835</td>
<td>Shale</td>
</tr>
<tr>
<td>1835-2540</td>
<td>Shale and sand</td>
</tr>
</tbody>
</table>

Casing Record
8 5/8" 282' 200 sacks cement

Original: Corporation Commission
cc: R. G. Merrick
    Victor Cotner
    R. A. Cover
    Harvey Hagens
    File
**LOG OF WELL**

- **CODE:** 1151  
- **COMPANY:** Columbian Fuel Corporation

- **STATE:** Kansas  
- **DISTRICT:** 129  
- **WELL NO.:** 1  
- **TWP.:** 18  
- **R.:** 31  
- **S.:** 4

- **DATE OF LOG:** November 1, 1954
- **LOCATION IN SEC.:** Center NE SW

- **LOCATION MADE:** Sept. 29, 1954
- **COMM. RIGGING UP:** Oct. 23, 1954
- **COMM. DRILLING:** Oct. 24, 1954
- **COMP. DRILLING:** Oct. 28, 1954

- **TOTAL DEPTH:** 2910
- **ELEVATION:** 2910
- **STATE PERMIT NO.:**
- **CONTRACTOR:** Midwestern
- **DAY DRILLER:** P. Jones
- **NIGHT DRILLER:** Jr. Glover
- **CABLE TOOLS FROM:** Numb.
- **ROCK PRESSURE:**
- **GASOLINE CONTENT:**
- **PRODUCING SANDS AND THICKNESS OF EACH:** None
- **SETTLED PRODUCTION:**
- **STARTED PRODUCTION:**
- **DATE TUBED:**
- **SYNCHRON SET:**

**CASING RECORD**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>WEIGHT</th>
<th>PUT IN WELL</th>
<th>PULLED OUT</th>
<th>LEFT IN WELL</th>
<th>SPOOLS</th>
<th>PACKERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 5/8&quot;</td>
<td>21#</td>
<td>282</td>
<td></td>
<td></td>
<td>NOTE</td>
<td></td>
</tr>
</tbody>
</table>

**EQUIPMENT RECORD**

**TUBING**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>WEIGHT</th>
<th>FEET</th>
<th>IN.</th>
</tr>
</thead>
</table>

**SUCKER RODS**

<table>
<thead>
<tr>
<th>SIZE AND KIND</th>
<th>DESCRIPTION, KIND, SIZE, ETC.</th>
</tr>
</thead>
</table>

**PUMPING OUTFIT**

<table>
<thead>
<tr>
<th>KIND OF SHOT</th>
<th>SIZE OF SHOT QUARTS</th>
<th>NUMBER OF SHOTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME OF SHOOTER</td>
<td>SHOT INSPECTED</td>
<td>BY</td>
</tr>
<tr>
<td>COMMENCED DRILLING DEEPER</td>
<td>COMPLETED DRILLING DEEPER</td>
<td></td>
</tr>
<tr>
<td>TOTAL DEPTH</td>
<td>PRODUCTION FIRST 24 HOURS</td>
<td>SETTLED PRODUCTION</td>
</tr>
</tbody>
</table>

**REMARKS:** Completed as dry hole and plugged

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**NOTE:** IF WELL WAS DRY, STATE UNDER REMARKS. WHEN, HOW, AND BY WHOM PLUGGED. STATE UNDER REMARKS ANYTHING OF INTEREST NOT COVERED IN LOG. IF SPACE PROVIDED FOR REMARKS IS NOT SUFFICIENT WRITE ON BOTTOM OF LAST SHEET OF LOG.