STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

WELL PLUGGING RECORD

Name of Conservation Agent who supervised plugging of this well—Gilbert Balthazor

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>
</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 1st plug at 1900' with 70 sacks
2nd plug at 300' with 20 sacks
3rd plug at 40' with 10 sacks.
Cemented with 50/50 posmix, 6% gel.
Plug was down at 3:30 p.m., May 10, 1978.

(Case 100000)

Name of Plugging Contractor—Abercrombie Drilling, Inc.

STATE OF Kansas COUNTY OF Sedgwick ss.
Jack L. Partridge, Ass't Secretary-Treasurer (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)

SUBSCRIBED AND SWORN TO before me this 16th day of May, 1978

My commission expires July 21, 1979

Sandra Richman Notary Public.
KANSAS DRILLERS LOG

API No. 15 — 181 — 20,033-00-08 County Number

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, Kansas 67202

Well No.
#1

Footage Location
feet from (N) 15 line

Principal Contractor
Abercrombie Drilling, Inc.

Geologist
Jerry Green

Spud Date
April 28, 1978

Total Depth
5000' P.B.T.D.

Date Completed
May 10, 1978

Elev.: Gr. 3429'

Casing Record

Report of all strings set—surface, intermediate, production, etc.

Purpose of string
Size hole drilled
Size casing set (in O.D.)
Weight lbs/ft
Setting depth
Type cement
Sacks
Type and percent additives

Surface
12 3/4"
8-5/8"
28# 361.25
Common
275
2% gel
3% CaCl

Liner Record

Top, ft.
Bottom, ft.

Sacks cement

Shots per ft.
Size & type

Perforation Record

Depth interval

Tubing Record

Size
Setting depth

Packer set at

Acid, Fracture, Shot, Cement Squeeze Record

Amount and kind of material used

Depth interval treated

Initial Production

Date of first production

Rate of Production

Oil

Gas

Water

Gas-oil ratio

Disposal of gas (vented, used on lease or sold)

Producing interval(s)

Instructions: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Driller's Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 S. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 315-922-2206. If confidential custody is desired, please note Rule 82-2-125. Driller's Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66644.
## WELL LOG

Show all important zones of porosity and content thereof; scored intervals, and all drillstem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

<table>
<thead>
<tr>
<th>FORMATION DESCRIPTION, CONTENTS, ETC.</th>
<th>TOP</th>
<th>BOTTOM</th>
<th>NAME</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand &amp; shale</td>
<td>0</td>
<td>314</td>
<td>SAMPLE TOPS:</td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>314</td>
<td>600</td>
<td>Anhydrite</td>
<td>3107 (+ 327)</td>
</tr>
<tr>
<td>Sand &amp; shale</td>
<td>600</td>
<td>2615</td>
<td>B/Anhydrite</td>
<td>3147 (+ 287)</td>
</tr>
<tr>
<td>Shale &amp; sand</td>
<td>2615</td>
<td>3106</td>
<td>Heebner</td>
<td>4254 ( - 820)</td>
</tr>
<tr>
<td>Anhydrite</td>
<td>3106</td>
<td>3147</td>
<td>Toronto</td>
<td>4292 ( - .850)</td>
</tr>
<tr>
<td>Shale &amp; shells</td>
<td>3147</td>
<td>3400</td>
<td>Lansing</td>
<td>4308 ( - 874)</td>
</tr>
<tr>
<td>Shale &amp; lime</td>
<td>3400</td>
<td>3859</td>
<td>B/KC</td>
<td>4570 ( -1136)</td>
</tr>
<tr>
<td>Lime &amp; shale</td>
<td>3859</td>
<td>4068</td>
<td>Marmaton</td>
<td>4580 ( -1146)</td>
</tr>
<tr>
<td>Shale &amp; lime</td>
<td>4068</td>
<td>4510</td>
<td>Fort Scott</td>
<td>4714 ( -1280)</td>
</tr>
<tr>
<td>Lime</td>
<td>4510</td>
<td>4868</td>
<td>Cherokee Sh.</td>
<td>4741 ( -1307)</td>
</tr>
<tr>
<td>Lime &amp; shale</td>
<td>4868</td>
<td>5000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotary Total Depth</td>
<td></td>
<td>5000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ELECTRIC LOG TOPS:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>3111 (+ 323)</td>
</tr>
<tr>
<td>Heebner</td>
<td>4258 ( - 824)</td>
</tr>
<tr>
<td>Toronto</td>
<td>4296 ( - 862)</td>
</tr>
<tr>
<td>Lansing</td>
<td>4312 ( - 878)</td>
</tr>
<tr>
<td>B/KC</td>
<td>4571 ( -1137)</td>
</tr>
<tr>
<td>Marmaton</td>
<td>4582 ( -1148)</td>
</tr>
<tr>
<td>Fort Scott</td>
<td>4718 ( -1284)</td>
</tr>
<tr>
<td>Cher. Sh.</td>
<td>4745 ( -1311)</td>
</tr>
<tr>
<td>Morrow Sand</td>
<td>4918 ( -1484)</td>
</tr>
<tr>
<td>Miss.</td>
<td>4964 ( -1530)</td>
</tr>
<tr>
<td>RTD</td>
<td>5000 ( -1566)</td>
</tr>
<tr>
<td>ELTD</td>
<td>5003 ( -1569)</td>
</tr>
</tbody>
</table>

**USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.**

Date Received

Signature

Jack L. Partridge, Ass't. Secretary-Treasurer

Title

May 16, 1978

Date