STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
245 North Water
WICHITA, KANSAS 67202

WELL PLUGGING APPLICATION FORM
File One Copy

API Number  15-039-20394-00-00-(of this well)

Lease Owner  Abercrombie Drilling, Inc.

Address  801 Union Center, Wichita, Kansas 67202

Lease (Farm Name)  Kathka

Well No.  1

Well Location  C NE/4 NE/4 Sec. 19 Twp. 2 S Rge. (8) 28 (W)

County  Decatur Total Depth 3825' Field Name

Oil Well  Gas Well  Input Well  SWD Well  Rotary D & A X

Well Log attached with this application as required  Yes

Date and hour plugging is desired to begin  July 2, 1977, 3:00 a.m.

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-128 OF THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

Name of company representative authorized to be in charge of plugging operations:

William Craig  Address  702 S. 2nd, Hill City, Kansas 67642

Plugging Contractor  Abercrombie Drilling, Inc. License No.

Address  801 Union Center, Wichita, Kansas 67202

Invoice covering assessment for plugging this well should be sent to:

Name  Abercrombie Drilling, Inc.

Address  801 Union Center, Wichita, Kansas 67202

and payment will be guaranteed by applicant or acting agent.

Signed:  Jack L. Partridge, Ass't. Sec-Treas.

Date:  August 9, 1977
KANSAS DRILLERS LOG

API No. 15 — 639 — 2039-00-00

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, Kansas 67202

Well No. Lease Name
1 Kathka

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor
Abercrombie Drilling, Inc.

Geologist
Greg Cheney

Spud Date Total Depth P.B.T.D.
June 25, 1977 3825'

Date Completed Oil Purchaser
July 2, 1977

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

<table>
<thead>
<tr>
<th>Purpose of string</th>
<th>Size hole drilled</th>
<th>Size casing set (in O.D.)</th>
<th>Weight lbs/ft.</th>
<th>Setting depth</th>
<th>Type cement</th>
<th>Sacks</th>
<th>Type and percent additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12½&quot;</td>
<td>8-5/8&quot;</td>
<td>23#</td>
<td>288.84'</td>
<td>60/40 Posmix</td>
<td>175</td>
<td>2% gel 3% CaCl</td>
</tr>
</tbody>
</table>

LINER RECORD

<table>
<thead>
<tr>
<th>Top, ft.</th>
<th>Bottom, ft.</th>
<th>Sacks cement</th>
</tr>
</thead>
</table>

PERFORATION RECORD

<table>
<thead>
<tr>
<th>Shots per ft.</th>
<th>Size &amp; type</th>
<th>Depth interval</th>
</tr>
</thead>
</table>

TUBING RECORD

Size Setting depth Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD
Amount and kind of material used

INITIAL PRODUCTION
Date of first production Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS Oil Gas Water Gas-oil ratio
bbls. MCF bbls. CFPB

Disposition 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.W. Meridian (P.O. Box 170271), Wichita, Kansas 66237. If confidential custody is desired, please note Rule 82-2-125. Driller's Logs will be an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.
## WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem 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>Clay, sand &amp; rock</td>
<td>0</td>
<td>150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>150</td>
<td>1015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; sand</td>
<td>1015</td>
<td>2294</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anhydrite</td>
<td>2294</td>
<td>2326</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>2326</td>
<td>2486</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; lime</td>
<td>2486</td>
<td>2860</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime &amp; shale</td>
<td>2860</td>
<td>3003</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; lime</td>
<td>3003</td>
<td>3295</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td>3295</td>
<td>3480</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; lime</td>
<td>3480</td>
<td>3595</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime &amp; shale</td>
<td>3595</td>
<td>3627</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td>3627</td>
<td>3801</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; lime</td>
<td>3801</td>
<td>3825</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotary Total Depth</td>
<td></td>
<td>3825</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DST #1 (3603-3627)</strong> 30&quot;, 30&quot;, 30&quot;, 30&quot;.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recovered 5' mud. IFP 20-20, IBHP 20,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FFP 20-20, FBHP 20.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DST #2 (3602-3635)</strong> 30&quot;, 30&quot;, 30&quot;, 30&quot;.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Recovered 5' mud. IFP 20-20, IBHP 30,</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FFP 20-20, FBHP 20.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SAMPLE TOPS**

- Anhydrite: 2294' (+313)
- B/Anhydrite: 2326' (+281)
- Topeka: 3429' (-822)
- Heebner: 3546' (-939)
- Toronto: 3581' (-974)
- Lansing: 3591' (-984)

**ELECTRIC LOG TOPS**

- Anhydrite: 2294' (+313)
- B/Anhydrite: 2325' (+282)
- Topeka: 3422' (-815)
- Heebner: 3546' (-939)
- Toronto: 3580' (-973)
- Lansing: 3591' (-984)
- B/KC: 3806' (-1199)
- ELTD: 3825' (-1218)
- RTD: 3825' (-1218)

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

**Date Received**

Jack L. Partridge  
Assistant Secretary-Treasurer

August 9, 1977
July 6, 1977

WELL PLUGGING AUTHORITY

Well No. 1
Lease Kathka
Description NE NE Sec. 19-2-28W
County Decatur
Total Depth 3825
Plugging Contractor Abercrombie Drilling, Inc.

Abercrombie Drilling, Inc. &
Chief Drilling
801 Union Center
Wichita, Kansas 67202

Gentlemen:

This is your authority to plug the above subject well in accordance with the Rules and Regulations of the State Corporation Commission.

This authority is void after 90 days from the above date.

Yours very truly,

J. Lewis Brock, Administrator

Mr. Gilbert Balthazor, P.O. Box 9, Route #1, Palco, Kansas 67657
is hereby assigned to supervise the plugging of the above named well.