STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
500 INSURANCE BUILDING
212 NORTH MARKET
WICHITA 2, KANSAS

WELL PLUGGING APPLICATION FORM
File One Copy

Lease Owner: Mack Oil Co.
(Applicant)
Address: Box 1110, Duncan, Oklahoma

Lease (Farm Name): Vavroch
Well No.: 1

Well Location: C. SW 1/4 NW 1/4, Sec. 3, Twp. 4 S, Rge. 28 (E) (W)

County: Decatur
Field Name (If any): Vavroch Pool

Total Depth: 3975'
Oil Well: Y
Gas Well: N
Input Well: N
SWD Well: N
D & A: Y

Was well log filed with application?: Yes
If not, explain:

Date and hour plugging is desired to begin: 4:00 A.M., 10-23-60

Plugging of the well will be done in accordance with the Rules and Regulations of the State Corporation Commission.

Name of the person on the lease in charge of well owner: Webb Hill
Address: Box 254, Pratt, Kansas

Plugging Contractor: Mack Oil Co.
License No.
Address: Box 1110, Duncan, Oklahoma

Invoice covering assessment for plugging this well should be sent to: Mack Oil Co.
Address: Box 1110, Duncan, Oklahoma

and payment will be guaranteed by applicant.

Signed: Karl A. Peterson
Applicant or Acting Agent
Date: November 21, 1960


**Drilling Well Log**

- **Location**: 15-039-00489-00-00
- **Operator**: Marv Oil Company
- **Address**: Box 1110, Duncan, Oklahoma

**Well Information**

- **Stratum**: Vacroch-81
- **Commenced R.D.**: 10-16-60
- **Completed R.D.**: 10-22-60
- **Total Depth**: 3975'

**Casing Records**: 231' 3-5/8' O.D. Surface Casing

<table>
<thead>
<tr>
<th>STRATA</th>
<th>DEPTH</th>
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</thead>
<tbody>
<tr>
<td>Shale</td>
<td>0 - 110</td>
</tr>
<tr>
<td>Shale</td>
<td>110 - 125</td>
</tr>
<tr>
<td>Granite &amp; Granite Bank</td>
<td>125 - 130</td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>130 - 245</td>
</tr>
<tr>
<td>Shale</td>
<td>245 - 1676</td>
</tr>
<tr>
<td>Shale &amp; Bentonite</td>
<td>1676 - 1689</td>
</tr>
<tr>
<td>Dakota Sand</td>
<td>1689 - 1899</td>
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<tr>
<td>Shale</td>
<td>1899 - 2392</td>
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<tr>
<td>Anhydrite</td>
<td>2392 - 2380</td>
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<tr>
<td>Shale &amp; Shells</td>
<td>2380 - 2390</td>
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<tr>
<td>Lime</td>
<td>2390 - 2425</td>
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<tr>
<td>Li-Io &amp; Shale Streaks</td>
<td>2425 - 2946</td>
</tr>
<tr>
<td>Shale &amp; Shells</td>
<td>2946 - 3515</td>
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<tr>
<td>Shale &amp; Li-Io</td>
<td>3515 - 3640</td>
</tr>
<tr>
<td>Li-Io</td>
<td>3640 - 3975</td>
</tr>
</tbody>
</table>

I hereby certify that the above is a true and correct log of said well as reflected by the daily drilling reports.

Marv Oil Company

By: [Signature]

Signed and sworn to in my presence this 3rd day of November, 1960, by Dallas A. Kirchen, representative of Marv Oil Company.

My commission expires September 8, 1963.
WELL PLUGGING AUTHORITY

November 14, 1960

Well No. 1
Lease Vatbroch
Description C SW NW 3-4-28W
County Decatur

Mack Oil Co.
Box 1110
Duncan, Oklahoma

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.

Very truly yours,

JEWEL M. OGDEN
Petroleum Conservation Director

Mr.
is hereby assigned to supervise the plugging of the above named well.

In the event you need any further information regarding this well feel free to write or call me at any time.

J. Lewis Brock
Western Kansas Field Supervisor
P. O. Box 569
Great Bend, Kansas
Phone: GL-33022