APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a $100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Portland, Oregon September 13, 1979

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 OR 1977) application is hereby made for permit to drill a new well to be known as Oregon Natural Gas Development Corp - Crow (company or operator) Zellerbach (lease) W.E. & M.


Survey Coordinates: 1900 ft. south of the north line, and 2450 ft. east of the west line of Sec. 13.

Elevation of ground above sea level is 240 feet. All depth measurements are taken from top of KB, which is 12 ft. above ground.

Lessor: Reichhold Energy Corporation
Address: P. O. Box 810, St. Helens, Oregon 97501

Lessee: Crown Zellerbach Corporation
Address: 7340 Bewley Ck. Rd., Tillamook, Oregon

We propose to use the following strings of casing and to land or cement them as herein indicated:

<table>
<thead>
<tr>
<th>Size of hole</th>
<th>Size of casing</th>
<th>Weight in pounds per foot</th>
<th>Grade and type</th>
<th>New or second hand</th>
<th>Depth</th>
<th>Landed or cemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 3/4&quot;</td>
<td>9 5/8&quot;</td>
<td>36</td>
<td>K-Smls</td>
<td>New</td>
<td>700 ft.</td>
<td>350 sacks</td>
</tr>
<tr>
<td>8 3/4&quot;</td>
<td>5 1/2&quot;</td>
<td>14</td>
<td>K-Smls</td>
<td>New</td>
<td>7000 ft.</td>
<td>400 sacks</td>
</tr>
</tbody>
</table>

Proposed Depth: 7000'

Objectives: Natural gas exploration

Approved October 23, 1979
except as follows: The February 27, 1979 stipulations approved by the Governing Board of the Department will be made a condition of this permit.

DEPT. OF GEOLOGY & MINERAL INDUSTRY

By C. Stinson

Position Staff Engineer

Send communications regarding well to:

Name John Van Bladeren

Address 123 N. W. Flanders

Portland, OR 97209

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with state-wide goals.