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 Nov. 27, 1979

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296, L. 1977) application is hereby made for permit to drill a (new well (stratigraphic hole)) to be known as American Quasar Petroleum Co., Crown Zellerbach (company or operator) (lease)

Well No. 14/21 in NE^2 NW^4 of Sec. 14, T. 5N, R. 5W, W.B. & M.
Wildcat field, Columbia county.

Survey Coordinates: See attached plat.

Elevation of ground above sea level in 768' feet. All depth measurements are taken from top of Kelly Bushing, which is 11.40' above ground.

Lessee: American Quasar Petroleum Co.
Address: 707 United Bank Center, 1700 Broadway, Denver, CO 80290

Lessor: Crown Zellerbach
Address: 1 Bush St., San Francisco, California 94104

We propose to use the following string 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>9-7/8&quot;</td>
<td>7&quot;</td>
<td>23#</td>
<td>K-55</td>
<td>New</td>
<td>500'</td>
<td>Cmt. to surf.</td>
</tr>
<tr>
<td>6-5/8&quot;</td>
<td>4-5/8&quot;</td>
<td>9.5#</td>
<td>K-55</td>
<td>New</td>
<td>TD</td>
<td>Cover all pay zones</td>
</tr>
</tbody>
</table>

Proposed Depth: 5,000'
Objectives: Eocene

Approved January 7, 1980

Stipulations approved by the Governing Board of the Department will be made a condition of this permit.

DEPT. OF GEOLOGY & MINERAL INDUSTRIES
By: Petroleum Engineer

American Quasar Petroleum Co.
By: John F. Sindelar
Position: Division Drig. Supt.
Send communications regarding well to:
Name: American Quasar Petroleum Co.
Address: 204 Superior Bldg.
Casper, Wyoming 82601

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 statewide goals.