APPLICATION FOR PERMIT TO DRILL AN OIL OR GAS WELL

(To be accompanied by a $100 permit fee, a surety bond conditioned as provided by law, and evidence of mineral rights ownership or lease.) This application becomes a permit to drill when signed and dated by DOGAMI in box below.

In compliance with rules and regulations pursuant to ORS 520, application is hereby made for permit to drill

(a gas well) to be known as ARCO OIL & GAS COMPANY COLUMBIA COUNTY #34-8-75 (Company or operator) (Well No.)

in SE 1/4 of Sec. 8 , T. 7N , R. 5W W.B.M. Directional? No Yes X

Survey Coordinates: 1974'N & 1412'f SE Corner Section 8

Wildcat: Yes (or) Field Name: Mirt County: Columbia

Elevation of ground above sea level is 680 feet. All depth measurements are taken from KB which is +10' above ground.

Lessor (Mineral Owner): Columbia County Land Development Services

Address: Courthouse, St. Helens, Oregon 97051

Surface Owner: Claruth-Frankea-Killina, Inc.

Address: c/o Evenson Timberland Agency, P. O. Box 127, Clatskanie, OR 97016

Lessee: ARCO OIL and Gas Company

Address: P. O. Box 147, Bakersfield, CA 93302 (4550 California Ave., Bakersfield, CA 93309)

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/Type</th>
<th>Depth</th>
<th>Amount of cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1/4&quot;</td>
<td>9-5/8&quot;</td>
<td>36</td>
<td>K-55/STC</td>
<td>450'</td>
<td>250 4x</td>
</tr>
<tr>
<td>6-1/4&quot;</td>
<td>3-1/2&quot;</td>
<td>9.3</td>
<td>J-55/EUW</td>
<td>2760'</td>
<td>375 6x</td>
</tr>
</tbody>
</table>

Geologic Objectives Clark & Wilson # 2450' TVD

Proposed Depth 2760'

FORM 1

(5-85)