APPLICATION FOR PERMIT TO DRILL AN OIL OR GAS WELL

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 Atlantic Richfield Company Columbia County #31-27-65 (Company or operator) (Well No.)


Survey Coordinates: 600' S & 1980' W of NE Corner

Wildcat: Yes (or) Field Name: Mist Gas Field County: Columbia

Elevation of ground above sea level is +900 feet. All depth measurements are taken from kelly bushing, which is +10' above ground.

Lessee (Mineral Owner): 2/4 Columbia County

Address: Columbia County Courthouse, St. Helens, OR 97051

Surface Owner: 281 Longview Fibre Company

Address: Main Office and Mills, Longview, WA 98632

Lessee: 2/4 Atlantic Richfield Company

Address: 4201 Stine Road, Bakersfield, CA 93313

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 sx</td>
</tr>
<tr>
<td>8-1/2&quot;</td>
<td>5-1/2&quot;</td>
<td>17#</td>
<td>K-55 LTC</td>
<td>2300'</td>
<td>560 sx</td>
</tr>
</tbody>
</table>

Geologic Objectives: Clark and Wilson Sand at 1600'

Proposed Depth: 2300'

The July 1986 stipulations approved by the State Geologist are conditions of the permit. Notify DOGAMI to witness BOP test.

Dennis L. Olmstead, Petroleum Engineer

NOTE: (1) Issuance of this permit is not a finding of compliance with the Statewide Planning Goals or the acknowledged comprehensive plan. (2) Permit expires one year from date of issue. (3) Land use approval must be obtained from the county or city in which the drilling takes place. (4) Unless specifically exempted, permittee is obligated to comply with all current applicable statutes and rules including those adopted after permit issuance.

Form 1

(Columns 6-8 to be completed by DOGAMI)