STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
800 NE Oregon Street #28, Portland OR 97232

MISCELLANEOUS APPLICATION
(In compliance with rules and regulations pursuant to ORS 520)

Northwest Natural Gas Company
(Company or Operator)
Sec. 22 T. 6N R. W
Surveyed Coordinates (if directional, BHL & SIHL):
Of the east quarter corner of section 22, T6N R6W: BHL: Same as SIHL

Wildcat: Mist
County: Columbia

Date: 9/1/97
Signature: Todd A. Thomas
Position: Storage Development Engineer

DOGAMI approved (date) 1/3/87
SUBMIT HISTORY WHEN WORK IS COMPLETED.

Company/Operator: Northwest Natural Gas Company
Signature:

Position: Storage Development Engineer
Date: September 1, 1997
SEND WELL COMMUNICATION TO:
Name: Todd Thomas
Address: 220 Northwest 2nd Ave.
Portland, OR 97209
Phone: (503)226-4211 x4686 night: (503)781-4880

Use this form for applications to deepen, rework, abandon, or any other proposed procedure on an existing well.

This form must be submitted unless verbal approval had been given. This application becomes a permit when signed and dated by DOGAMI in the box below.

The present condition of the well, including complete casing record, is as follows:
The well is presently used as a pressure observation well and is in the present condition:
8-5/8" casing set at 377'
5-1/2" casing set at 1995'
2-3/8" tubing hung at 1338'
Bridge plug set at 1515'

Following is a detailed account of proposed work:
Kill well with lease water. Remove production tree. Remove 2-3/8" tubing. Reinstall production tree. In conjunction with Calvin Creek Phase 1 development, a velocity check survey will be run in this well in September or October 1997. After that work is completed, the well will be left as a pressure observation well.