

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 Co.  
(Lease)

OM 43a-22-65  
(Well No.)

T. 6N R. 5W

Surveyed Coordinates (if directional, BHL & SHL):

BHL; 504' south & 219' west of

241.8' north and 122.2' west from SE corner of section 22; T6N; R5W.

Well:

(or) Field Name: Mist

County: Columbia

Signature:

Date: 7/15/02

Position: Construction Manager

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:

Pressure observation well. 5 1/2", 15.5 #/ft., J-55, production casing set at 2317'. Float @ 2278'.

Wellhead assembly. No Tubing.

Perforations: 1578' - 1615', 1625' - 1706', 1718' - 1760', 1768' - 1816', 1822' - 1832', 1838' - 1875'.

Following is a detailed account of proposed work:

See attached.

Conditions for Approval  
See Attached

DOGAMI approved (date) 8/16/02

by: Robert A. Houston

Company/Operator: NW Natural

Signature: Todd Thomas

Position: Construction Manager

Date: July 15, 2002

SEND WELL COMMUNICATION TO: NW Natural

Name: Todd Thomas

Address: 220 NW Second Ave.

Portland, OR 97209

Phone: day: (503)226-4211 night: (503)848-2947