Oregon Natural Gas Development Corporation 

CRF# CC & Lw

Sec. 3, T. 6 N., R. 5 W., M.B.M. Surveyed Coordinates: From the S.W. corner of Sec. 3; 1970' North and 1065' East

Well: Mist Underground Storage 

County: Columbia

Date: 10/3/88

Signature: 

Position: Supt. of Drilling & Production 

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 has 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:

Surface casing - 7" set @ 437'
Production casing - 1 1/2", 10.5", set @ 2000'
Production tubing - 2 3/4", 4.76, hanging @ 2634'
Perforated zone: 2655'-2678', 2682'-2689', 2689'-2700', 2703'-2710', 2719'-2724'
Bridge plugs set @ 2710', 2724'

DOGAMI Approved October 11, 1988

DOGAMI to witness BOP test.

By James L. Blaisdell, Petroleum Engineer

Form 2 (10/84)
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)

NW Natural
(Company or Operator)

Northwest Natural Gas Co.
(Lease)

Columbia County #10
(Well No.)

Sec. 10 T. 6N R. 5W
Surveyed Coordinates (if directional, BHL & SHL):

SHL: 1976' North & 1065' East of
the southwest corner of section 3; T6N. R5W.

Widcat: Mist
(or) Field Name: Mist

County: Columbia

Signature:

Date: 6/7/02

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:

2 7/8", Otis Gas Lift Mandrel, 2 3/8" pup in packer, Otis 4 1/2", MH packer, @ 2625', 2 3/8" pup, no-go nipple, and wireline guide hanging @ 2644'

Bridge Plug set at 2680'

Perforations: 2668'-2678', 2682'-2689', 2692'-2700', 2703'-2710'

Following is a detailed account of proposed work:

See attached.

Company/Operator: NW Natural
Signature:

Position: Construction Manager
Date: June 7, 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

miscap.doc 6/7/2002
STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
910 State Office Building  Portland, OR 97201

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

Oregon Natural Gas Development Corp.  

(Company or operator)  

Sec. 3  

(T)  

6N  

(R)  

5W  

M.B.M.  

Surveyed Coordinates:  

1976' N and 1065' E  

From the southwest corner sec 3; T6N; R5W; M.B.M.  

Wildcat:  

(or) Field name:  

Mist-Observation  

County:  

Columbia

Date:  6/11/86

Signature:  

Position:  

Consultant

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 has 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:

7", 20" casing set @ 437'
4 5/8" 10.5% casing set @ 2980'
2-3/8" 4.7% tubing hung @ 2634'

Following is a detailed account of proposed work:

See attached.

Dennis,  

I must withdraw request for name change and keep the name as Columbia County W.C.

Charles  

6/8/87

Company/Operator  

Oregon Natural Gas Dev. Corp.

Signature:  

Position:  

Consultant

Date:  6/11/86

SEND WELL COMMUNICATION TO:

Charles Stinson

Address  

220 N.W. Second Avenue

Portland, Oregon 97209

Phone  

220-2573

DOGAMI Approved  

August 20  

1986

Notify DOGAMI for BOP test. Submit records within 60 days after work is finished.

By  

Dennis L. Olmstead, Petroleum Engineer

Form 2  

(10/84)