

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)  
 Columbia County

Oregon Natural Gas Development Corp. (see attached 632-10-196 (K)) CC 23-22-65  
 (Company or Operator) (Lease) (Well No.)  
 Sec. 22 T: 6N R: 5W Surveyed Coordinate (if directional, BHL & SHL):  
 304' South & 1769' East from the west quarter corner of Sec. 22, T6N, R5W  
 Wildcat: \_\_\_\_\_ (Field Name): Al's Pool County: Columbia  
 Signature: Todd A. Thomas  
 Date: 3/26/96 Position: Senior Operations Superintendent

Use this form for applications to redrill, 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:**

8 5/8" casing to 335'; 5 1/2" casing to 1577'; 2 3/8" tubing hanging at 1233.76'  
 5 1/2" casing cemented with 102 sx of class "G" cement.

Perforations at 1329'-1348', 1354'-1368', 1374'-1388', 1394'-1408'  
 Perforations at 1328'-1388'

**Following is a detailed account of proposed work:**

Perforate well with 1 11/16" through tubing guns, 4 shots/foot, from 1328'-1388'

DOGAMI Approved: <u>Mar 28, 1996</u>	Company/Operator: <u>Oregon Natural Gas Development Corp.</u>
	Signature: <u>Todd A. Thomas</u>
	Position: <u>Senior Operations Superintendent</u>
	Date: <u>26-Mar-96</u>
BY: <u>Dennis J. Olmstead</u>	SEND WELL COMMUNICATIONS TO:
	Name: <u>Todd A. Thomas</u>
	Address: <u>221 N.W. Second Ave. Ste. 200</u>
	<u>Portland, OR 97209</u>
	Phone: <u>(503)226-4211 ext. 4686</u>

VERBAL APPROVAL FORM

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

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

OREGON NATURAL GAS DEV'T CC-23-22-65  
 (Company or Operator) (Lease) (Well No.)  
 Sec. 22 T 6N R 5W Surveyed Coordinates (if directional, BHL & SHL): FROM W. 1/4 CORNER,  
304' S, 1769' E  
 Wildcat: \_\_\_\_\_ (or) Field Name: MIST County: COLUMBIA  
 Date: MARCH 26, 1996 Signature: \_\_\_\_\_

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

This form becomes a permit when signed and dated by DOGAMI in the box below.

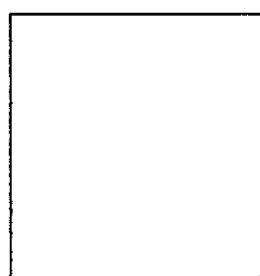
The present condition of the well, including complete casing record, is as follows:

8 5/8" CEM 335'; 5 1/2" CEM 1577'; PERF. 1328-1348, 1348-1368, 1368-  
1388', 1394-1408'. TD. 2028'

Following is a detailed account of proposed work:

TEST INJECT GAS DURING 1996 TO MAX OF 900 psi, REDUCE INJECTION  
PRESSURE IF POSSIBLE AFTER 6,000,000 CF/day RATE IS REACHED.

DOGAMI approved MARCH 26, 1996  
 NOTIFY DOGAMI FOR START OF INJECTION.  
 by Dennis J. Olmstead



Spacing Unit