

COLUMBIA COUNTY LAND DEVELOPMENT SERVICES
Planning Division
Courthouse, St. Helens, Oregon 97051

397-1501

- Zone Change
- Conditional Use Permit
- Planned Development
- Willamette River Greenway Permit
- Exception
- Special Review Permit

- Non-Conforming Use
- Variance
- Temporary Use Permit
- _____

Name of applicant or agent: OREGON NATURAL GAS DEVELOPMENT CORP.

Mailing Address: 220 N. W. SECOND AVENUE Phone: Office 220-2573
PORTLAND, OREGON 97209 Home 359-4956

Location or County Road _____ Total Acreage _____

Tax Account Number _____ Township 6N Range 5W Section 3 SE 1/4

List other contiguous property under your ownership: _____

1. Proposed use(s), sequence of construction, anticipated timetable for project, and specific reason for the request:

DRILLING OF GAS WELL FOR INJECTION AND WITHDRAWAL OF
NATURAL GAS FOR UNDERGROUND STORAGE

SEE ATTACHED EXHIBIT 'A'

WELL SITE IW 33D-3 CAVENHAM FOREST INDUSTRIES SURFACE
OWNERSHIP

2. Present use of the property: FOREST LAND

3. Method of sewage disposal: NONE

4. Water Supply: Well _____ Community _____ Other _____

5. Has Subsurface Sewage Department approved this request? Yes _____ No X
Not Consulted X

6. Total employees and/or occupants: Present _____ Proposed _____

7. Present Zoning PRIMARY FOREST LAND

I hereby certify the statements contained herein, along with the evidence submitted, are in all respects true and correct to the best of my knowledge and belief.

2/29/88
Date

R. Hordichok
Applicant or Agent

For Office Use Only

Receipt No. 9308 Fee 125.00
Hearing Date Apr. 4, 1988
Present Zoning PF-76

Date Received 3/3/88
Staff Member B.C.

NOTE: Attach accurate and detailed plot plan indicating such items as property lines, dimensions, and all existing and proposed facilities, etc.

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Phone: 397-1501

CONDITIONAL USE PERMIT FACT SHEET

Please complete the following:

1. What type of use will occur on the property if the conditional use is allowed?

DRILLING WELL TO INJECT AND WITHDRAW NATURAL GAS FOR UNDERGROUND STORAGE.

2. Why is the property in question suitable for this use? LOCATED IN PARTIALLY

DEVELOPED GAS STORAGE FIELD AND IS COMPATIBLE WITH SURROUNDING AREA.

3. Is the use compatible with surrounding uses? Yes x No

In what way? THE WELL INSTALLATION FOR INJECTION AND WITHDRAWAL IS VERY

LOCALIZED WITH MINIMAL IMPACT ON PRESENT USE OF PROPERTY.

4. Will the use affect the existing public facilities or surrounding property or neighbors? NO

5. Will a public need or convenience be met by this use that is not already being met in the general area? YES

In what way? THIS WELL WILL ASSIST IN THE OPERATION OF THE MIST UNDERGROUND

STORAGE FIELD WHICH WILL CONTRIBUTE TO PROVIDING AN ENERGY SOURCE FOR THE AREA'S

FUTURE DEMANDS.

The applicant must submit the following 35 DAY PRIOR to the Planning Commission hearing regularly scheduled for the 1st Monday of each month.

1. Answers to the above questions.
2. The application form attached.
3. Vicinity map.
4. One hundred and twenty-five dollar (\$125.00) fee

EXHIBIT A

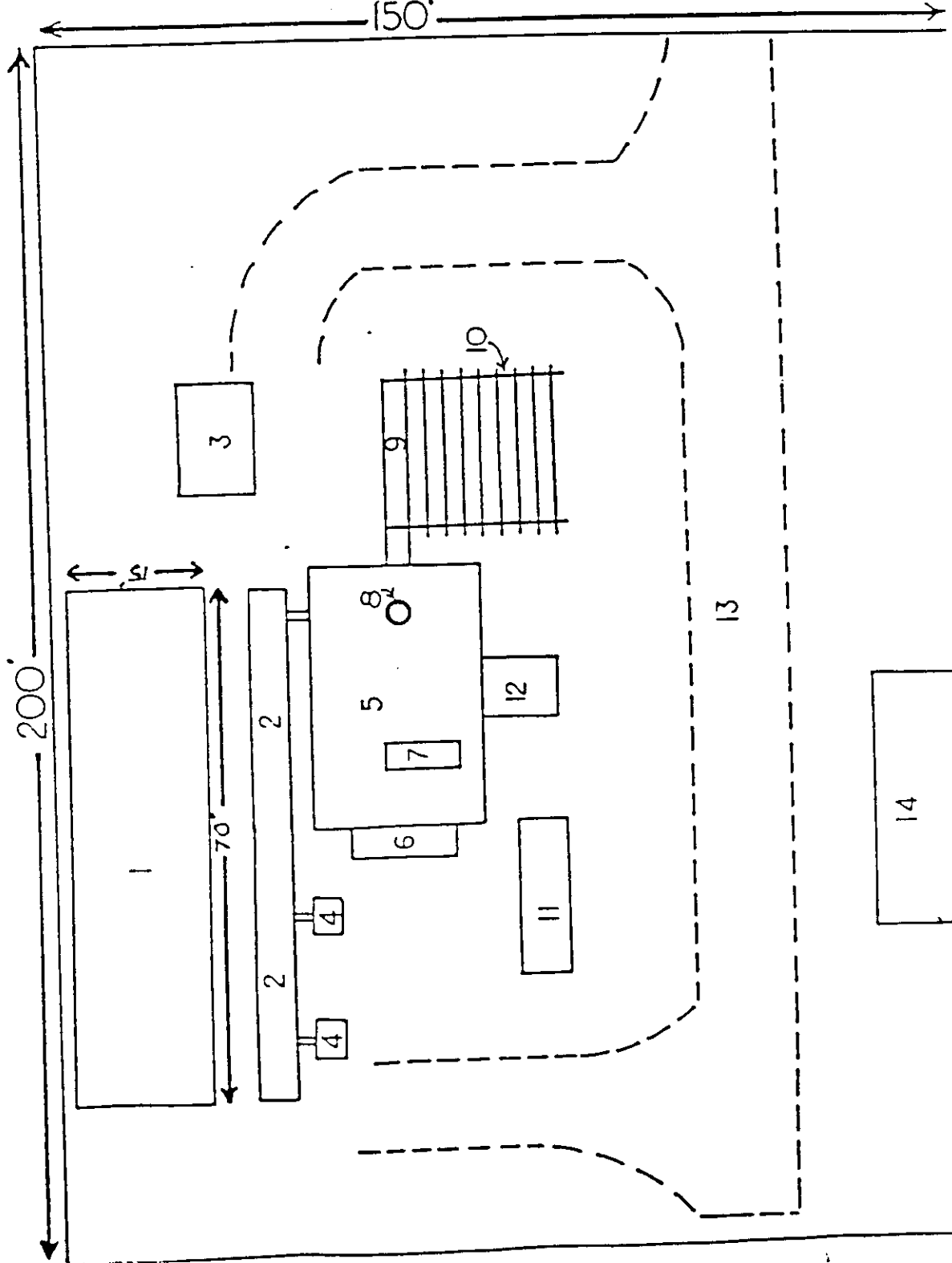
OREGON NATURAL GAS DEVELOPMENT CORPORATION
COLUMBIA COUNTY CONDITIONAL USE PERMIT APPLICATION
SEQUENCE OF CONSTRUCTION

- 1) Drill pad is constructed and gravelled per site plan. Reserve pit is dug according to DOGAMI requirements. Conductor casing is set and rat hole and mouse hole are drilled.
- 2) Drilling rig is moved in and rigged up.
- 3) Drilling operations commence. Surface casing is set at approximately 400' and cemented to surface. Drilling continues to top of zone of interest. The well is then evaluated with wireline tools.
- 4) Casing is run to the top of the zone and cemented to surface.
- 5) Drilling continues to objective depth. The open hole below casing is evaluated with wireline tools.
- 6) A slotted liner is then run and set below the casing. Gravel is pumped behind the liner and production tubing is then run and the production tree installed.
- 7) Any portion of the drill site location no longer needed is restored to original condition.

COLUMBIA COUNTY

Site Plan

Drill Site for Observation and Monitoring
Underground Gas Storage Field
OREGON NATURAL GAS DEVELOPMENT CORPORATION
Taylor Drilling Company, Rig #5



1. Drill Cuttings Sump
2. Drilling Muds Tanks
3. Mud Loggers Trail
4. Mud Pumps
5. Drill Rig Floor
6. Diesel Tank
7. Draw Works
8. Drill Hole
9. Cat Walk
10. Pipe Racks
11. Water Tank
12. Dog House
13. Location Roads
14. Tool House and Generator Building

WATER SOURCE: TRUCKED IN