

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland, Oregon 97201

APPLICATION FOR PERMIT TO DRILL A GEOTHERMAL WELL
(To be accompanied by a \$100.00 permit fee for new wells only and a surety bond conditioned as provided)

Eugene, Oregon June 6, 1979

In compliance with rules and regulations pursuant to ORS 522 (Chapter 552 OL 1975) application is hereby made for permit to drill a geothermal well: Eugene Water & Electric Board Marion Peak
(company or operator) (lease)

Well No. 1 in SE of sec. 9 T. 12S, R. 7E WM W. B. & M.,
Field, Linn County.

Survey Coordinates: This well is approximately 2,310 feet north of the south line and 990 feet west of the east line of section 9.

Elevation of ground above sea level is 5,000' feet. All depth measurements are taken from top of _____, which is _____ above ground.

Lessee: U. S. Forest Service Exploration Permit
Address: Willamette Forest - Detroit District
Lessor: _____
Address: _____

We propose to use the following strings of casing and to land or cement them as herein indicated:

Size of hole	Size of casing	Weight in pounds per foot	Grade and type	New or second hand	Depth	Landed or cemented No. sacks cement
13 ³ / ₄ "	10 ³ / ₄ "	32.75	F	N	200	80 sacks around shoe
8 ¹ / ₂ "	7"	17.00	F	N	1000	95 sacks around shoe

Proposed Depth: Drill 2,000' temp. gradient hole Objectives: 1. Drill 2,000' temp. gradient hole. 2. Run and cement steel tubing to bottom. 3. Monitor temp. for one year.

Approved July 9, 1979
except as follows
Stipulations approved by the Governing Board of the Department will be made a condition of this permit.
DEPT. OF GEOLOGY & MINERAL INDUSTRY
By _____ Director

Eugene Water and Electric Board
company or operator
By Keith Parks - General Manager
position
Send communications regarding well to:
Name Keith Parks
Address P. O. Box 10148
Eugene, Oregon 97440

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals.