

STATE OF OREGON
 DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
 910 State Office Building Portland, OR 97201

Permit No.: 175

API #: 36-017-90036

APPLICATION FOR PERMIT TO DRILL A GEOTHERMAL WELL

(To be accompanied by a \$250 permit fee for new wells and a surety bond conditioned as provided by law.)

DATE _____

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: CE Exploration 76-15 TCH
 (Company or Operator) (Lease) (Well No.)

in SE $\frac{1}{4}$ of Sec. 15, T 21S, R 12E W.B.&M., _____ Field, Newberry KGRA
 County. Survey Coordinates: _____

Elevation of ground above sea level is 6780' feet. All depth measurements are taken from top of KB (Kelly Bearing), which is 10' above ground.

Lessee: CE Exploration
 Address: 34 NW First St., Ste 302, Portland OR 97209
 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/Type	New or Secondhand	Depth	Landed or cemented No. sacks cement
8-3/4"	7"	26#	K-55	New	500'	26.8 bbis.
6-1/4"	4-1/2"	9.5#	K-55	Secondhand Premium	1200'	40.32 bbis

Proposed Depth 8000' Objectives Define resource

Approved Dec 23, 1994
 except as follows:
 DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
 By William J. O'Leary, P.E.
 Petroleum Engineer

Company/Operator CE Exploration
 Signature [Signature]
 Position Project Manager
 Date 10/14/94

SEND WELL COMMUNICATION TO:
 Name Dave McClain
 Address 34 NW First St., Ste. 302,
Portland OR 97209
 Phone (____) _____(Day) (____) _____(Night)

NOTE: This permit expires 180 days from date of issue. Land use approval must be obtained from the county or city in which the drilling takes place. Issuance of this permit is not a guarantee of geothermal resources.