

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

Permit No.: G-174

API #: 36-017-90035

**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 88-21 TCH  
(Company or Operator) (Lease) (Well No.)

in SE 1/4 of Sec. 21, T 21S, R R12E W.B.& M., \_\_\_\_\_ Field, Newberry KGRA  
County. Survey Coordinates: \_\_\_\_\_

Elevation of ground above sea level is 6260' 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 bbls.
6-1/4"	4-1/2"	9.5#	K-55	Secondhand Premium	1200'	40.32 bbls

Proposed Depth 4500' (8000') Objectives Define resource  
see attached

Approved Dec 23, 1994  
except as follows:  
  
DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES  
By [Signature]  
Petroleum Engineer

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

SEND WELL COMMUNICATION TO:  
Name Dave McClain  
Address 34 NW First St., Ste. 302,  
Portland OR 97209  
Phone (503) 226 3616 (Day) ( ) 591 1026 (Night)

NOTE: This permit expires 180 days from date of issue. Land use approval must be obtained from the county or