

6/83

Permit No. 155  
API No. 36-025-9011

STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

1005 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 by law.)

DATE June 2, 1993

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: ANADARKO PETROLEUM CORPORATION OR-23843  
(company or operator) (lease)

Well No. 66-22A in NWSE of sec. 22, T. 37S, R. 33E W.B.M.,  
PUEBLO VALLEY Field, HARNEY County.

Survey Coordinates FROM SE CORNER, 1675'W, 1875'N

Elevation of ground above sea level is 4065 feet. All depth measurements are taken from top  
of GROUND LEVEL, which is XXXXXX above ground: XXXXXXXXXX

Lessee ANADARKO PETROLEUM CORPORATION

Address 835 PINER ROAD SUITE A SANTA ROSA, CA. 95403

Lessor USA, BLM

Address P. O. BOX 2965 PORTLAND, OR 97208

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
8-3/4"	7"	23#	N-80	NEW	300'	69 cubic feet
6-1/4"	4-1/2"	11.6#	N-80	NEW	1000'	120 cubic feet

Proposed Depth 2500' Objectives FRACTURED ZONES IN BASALT

Approved 8/13, 1993  
except as follows:  
  
See attached  
  
DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES  
By [Signature]  
Petroleum Engineer

ANADARKO PETROLEUM CORPORATION  
Company or operator  
By [Signature] ATTORNEY-IN-FACT  
R. C. EDMISTON position  
Send communications regarding well to:  
Name P. A. SMITH  
Address 835 PINER ROAD SUITE A  
SANTA ROSA, CA. 95403

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 finding of compliance with the Statewide Planning Goals or the acknowledged comprehensive plan.