

Form USGS 9-1958

UNITED STATES DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY, CONSERVATION DIVISION

Form Approved
 Budget Bureau No. _____

GEOHERMAL SURVEY NOTICE

The U.S. Geological Survey requests that form or other Supervision approved form to be prepared and filed in duplicate with requisite attachments with the Supervisor. The Supervisor must approve this permit prior to any lease operations.

1. WELL TYPE: PRODUCTION () COLLECTION () HEAT EXCHANGE () OBSERVATION () OTHER ()

Temperature Gradient Core Hole

2. WELL STATUS:
 Temporarily Abandoned

3. NAME OF LESSEE/OPERATOR
 California Energy Company

4. ADDRESS OF LESSEE/OPERATOR
 601 California Street, San Francisco, CA 94108

5. LOCATION OF WELL OR FACILITY
 2225' E and 725' N of SW Corner Sec. 10

6. TYPE OF WORK

CHANGE PLANS	<input checked="" type="checkbox"/>	CONVERT TO COLLECTION	()	PULL OR ALTER CASING	()
SITE AND ROAD CONSTRUCTION	()	FRACTURE TEST	()	MULTIPLE COMPLETE	()
CONSTRUCT NEW PRODUCTION FACILITIES	()	SPUD OR ACCIDE	()	REABOON	()
ALTER EXISTING PRODUCTION FACILITIES	()	REPAIR WELL	()	OTHER	()

4. LEASE SERIAL NO.
 OR 24669

5. SURFACE MANAGER: SIA () FS ()
 Winema N. F. OMAE ()

6. UNIT AGREEMENT NAME
 Mazama I

7. WELL NO.
 MZI-YIA

8. PERMIT NO.

9. FIELD OR AREA

10. SEC. T., R., S. & N.
 Sec. 10, T31S, R71/2 E

11. COUNTY
 Klamath

12. STATE
 Oregon

3. DESCRIBE PROPOSED OPERATIONS (Use this space for well activities only. See instructions for current well conditions on reverse)

(1) Change permitted total depth from 4,000' to 5,500'

(2) Modify stipulations of Geothermal Drilling Permit to allow temperature gradient core hole drilling to proceed without fluid returns (circulation), as is standard safe and prudent procedure for coring operations.

18. DESCRIBE PROPOSED OPERATIONS (Use this space for all activities other than well work)

17. I hereby certify that the foregoing is true and correct. (See reverse side if needed)

SIGNED: David W. McClain TITLE: Manager, Project Development DATE: 5/3/89
 David W. McClain
 Manager, Project Development

APPROVED BY: Dennis Z. Chauslead TITLE: Petroleum Engineer, REGAM DATE: 5-4-89
 DIMITRIOS OF APPROVAL, IF ANY:

This permit is required by law (30 U.S.C. 1023); regulations: 30 CFR 270.34, 30 CFR 270.35, 30 CFR 270.45, 30 CFR 270.71-1, 30 CFR 270.72; Federal Geothermal Lease Terms and stipulations and other regulatory requirements. The United States Criminal Code (18 U.S.C. 1001) makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.