

Form: USGS 9-1958

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, CONSERVATION DIVISION

GEOTHERMAL SUNDRY NOTICE

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

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

Temperature Gradient Core Hole

1b. WELL STATUS:

Temporarily Abandoned

2. NAME OF LESSEE/OPERATOR

California Energy Co., Inc.

3. ADDRESS OF LESSEE/OPERATOR

3333 Mendocino Ave., Ste. 100, Santa Rosa, CA 95401

13. LOCATION OF WELL OR FACILITY

2000' N and 2050' W of SW Corner, Section 13

14. TYPE OF WORK

- | | | | | | |
|--|-------------------------------------|--------------------------|-----|--------------------------|-----|
| CHANGE PLANS () | <input checked="" type="checkbox"/> | CONVERT TO INJECTION () | () | FULL OR ALTER CASING () | () |
| SITE AND ROAD CONSTRUCTION () | () | FRACTURE TEST () | () | MULTIPLE COMPLETE () | () |
| CONSTRUCT NEW PRODUCTION FACILITIES () | () | SHOOT OR ACIDIZE () | () | ABANDON () | () |
| ALTER EXISTING PRODUCTION FACILITIES () | () | REPAIR WELL () | () | OTHER () | () |

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

- a) Change permitted total depth from 4000' to 5500'+. *
- b) 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.

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

17. I hereby certify that the foregoing is true and correct

(Use reverse side if needed)

SIGNED James L. Moore TITLE Senior Vice President Exploration DATE 5-08-87
James L. Moore

(This space for Federal use)

APPROVED BY Judy Ellen Nelson TITLE District Manager DATE April 27, 1989

CONDITIONS OF APPROVAL, IF ANY: * Attached Special Condition-MazamaII-1, Conditions of Approval, Special Design Features, Monitoring Plan

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.