

GEOHERMAL 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 Company

3. ADDRESS OF LESSEE/OPERATOR

601 California Street, San Francisco, CA 94108

13. LOCATION OF WELL OR FACILITY

2225' E and 725' N of SW Corner Sec. 10

4. LEASE SERIAL NO.

OR 34669

5. SURFACE MANAGER: BLM () FS () Other ()

Winema N. F.

6. UNIT AGREEMENT NAME

Mazana I

7. WELL NO.

MZI-IIA

8. PERMIT NO.

9. FIELD OR AREA

10. SEC. T., R., S. & M.

Sec. 10, T31S, R71/2 E

11. COUNTY

Klamath

12. STATE

Oregon

14. TYPE OF WORK

| | | | | | |
|--------------------------------------|-----|----------------------|-----|----------------------|-----|
| CHANGE PLANS | (X) | CONVERT TO INJECTION | () | PULL 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)

- (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.

See reverse side
copy

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

(Use reverse side if needed)

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

SIGNED David W. McClain

TITLE Manager Project Development

DATE 5/3/89

David W. McClain

Manager, Project Development

(This space for Federal use)

APPROVED BY Dennis L. Obusky

TITLE Petroleum Engineer, DOGAMI

DATE 5-4-89

CONDITIONS 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.