

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 ()		4. LEASE SERIAL NO. OR 34681	
Temperature Gradient Core Hole		5. SURFACE MANAGER: 3LM () PS () Winema N.F. Other ()	
1b. WELL STATUS: Temporarily Abandoned		6. UNIT AGREEMENT NAME Mazama II	
2. NAME OF LESSEE/OPERATOR California Energy Company		7. WELL NO. MZ II-I	8. PERMIT NO.
3. ADDRESS OF LESSEE/OPERATOR 601 California Street, San Francisco CA 94108		9. FIELD OR AREA	
13. LOCATION OF WELL OR FACILITY 2000' N and 2050' W of SW Corner, Section 13		10. SEC. T., R., S. & M. Se. 13, T32S, R6E, WM	
14. TYPE OF WORK		11. COUNTY Klamath	
CHANGE PLANS <input checked="" type="checkbox"/> CONVERT TO INJECTION () PULL OR ALTER CASING ()		12. STATE Oregon	
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.

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

(This space for Federal use)

APPROVED BY Samuel L. Muskead 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.