

Form: USGS 9-1958

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, CONSERVATION DIVISION

Form Approved
Budget Bureau No.

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 (X)		4. LEASE SERIAL NO. OR 11985	
1b. WELL STATUS: Temporarily Abandon		5. SURFACE MANAGER: BLM () FS () Deschutes N.F. Other ()	
2. NAME OF LESSEE/OPERATOR California Energy Co., Inc.		6. UNIT AGREEMENT NAME	
3. ADDRESS OF LESSEE/OPERATOR 3333 Mendocino Ave., Ste. 100		7. WELL NO. CE-NB-4	
13. LOCATION OF WELL OR FACILITY 1100' N and 1500' W of the SE Corner, Sec. 4		8. PERMIT NO.	
		9. FIELD OR AREA North of Newberry KGRA	
		10. SEC. T., R., B. & M. Sec. 4, T21S, R12E	
		11. COUNTY Deschutes	
		12. STATE Oregon	
14. TYPE OF WORK			
CHANGE PLANS ()	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 Temporarily Abandon (X)	

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

We propose to temporarily abandon deep temperature gradient core hole CE-NB-4 by removing the existing BOE and bolting a blind flange onto the casing head flange. Access to the well bore can be achieved either by removing the blind flange or opening a wing valve.

The hole is currently completed with 450' of 4 1/2" casing cemented to surface. HQ (3.783") hole was drilled to 3718 ft. and NQ (2.980) drilled from 3718 ft. - 4020 ft. A total of 3718 ft. (0-3718 ft.) of HQ drill rods remain in the hole.

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

The site has been cleared of all drilling equipment and will be left in accordance with directions of the Surface Manager, Deschutes National Forest.

(Use reverse side if needed)

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

SIGNED James L. Moore TITLE Senior Vice President Exploration DATE 1/4/87
James L. Moore

(This space for Federal use)

DEPUTY STATE DIRECTOR FOR MINERAL RESOURCES

JAN 14 1987

APPROVED BY [Signature] TITLE _____ DATE _____
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.