

**GEO-THERMAL LEASE PERMIT**

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.

10. WELL TYPE: PRODUCTION ( ) INJECTION ( ) HEAT EXCHANGE ( ) OBSERVATION (X) OTHER ( )

11. WELL STATUS:  
Temporary abandonment

12. NAME OF LESSEE/OPERATOR  
GEO Newberry Crater, Inc.

13. ADDRESS OF LESSEE/OPERATOR  
61419 S. Highway 97, Suite A, Bend, OR 97702

14. LOCATION OF WELL OR FACILITY  
2750' S & 2188' W of NE corner Sec. 35, T12S, R13E

4. LEASE SERIAL NO.	OR-43004
5. SURFACE MANAGER: BLM ( ) FS ( ) Other ( )	X
6. UNIT AGREEMENT NAME	Newberry Flank Unit
7. WELL NO.	N-4
8. PERMIT NO.	OR 92087DNB006
9. FIELD OR AREA	Newberry Volcano
10. SEC. T., R., S. & N.	Sec. 35, T12S, R13E
11. COUNTY	Deschutes
12. STATE	Oregon

14. TYPE OF WORK

CHANGE PLANS ( )	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 (X)

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

Spud date: 7/24/87 Well Condition: See Attached  
Completion date: 10/24/87

This well is temporarily abandoned. GEO requests that this well be allowed to remain open. Because the lower portion of this well was left open, accurate ground water level can be measured in the well. This well will be used for monitoring fluctuations in ground water levels and evaluating the regional hydrology. The surface location is currently in a condition acceptable to the U.S. Forest Service.

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

SIGNED Ray C. [Signature] TITLE Environmental Coordinator DATE 8/9/88

APPROVED BY Dennis J. [Signature] TITLE Petroleum Engineer, DOGAMI DATE 9-27-88

CONDITIONS OF APPROVAL, IF ANY: Suspended status granted through 8-31-89.

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.