

GEOHERMAL ENERGY 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.

15 1987
Form Approved
Budget Bureau No.
OREGON STATE OFFICE
BUREAU OF LAND MANAGEMENT
OR 12004

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

1b. WELL STATUS:
Permanent Abandonment

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

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

13. LOCATION OF WELL OR FACILITY
4100' N and 500' E of SW corner of S24, T20S, R12E

14. TYPE OF WORK	CHANGE PLANS ()	CONVERT TO INJECTION ()	FULL OR ALTERN CASING ()
	SITE AND ROAD CONSTRUCTION ()	FRACURE TEST ()	MULTIPLE COMPLETE (X)
	CONSTRUCT NEW PRODUCTION FACILITIES ()	SHOOT OR ACIDIZE ()	ABANDON ()
	ALTER EXISTING PRODUCTION FACILITIES ()	REPAIR WELL ()	OTHER ()

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

9. UNIT AGREEMENT NAME
Newberry Volcano Fl.

7. WELL NO. N-3 PERMIT NO. OR 2086DNEB

10. FIELD OR AREA
Newberry Volcano

10. SEC. T., R., S. & N.
S24, T20S, R12E

11. COUNTY
Deschutes

12. STATE
Oregon

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

Proposed operations for permanently abandoning GEO N-3 include the following:

1. Separate 1.9" O.D. tubing (J-55) from 4" LP Flange by cutting with torch.
2. Remove 7-1/16 x 4-1/2" HW well head, 2" Ball valves, and 4" LP Flange from 4-1/2" HW regular casing.
3. Cement from surface 4-1/2" HW casing to a minimum depth of 15 meters (50 feet) measured from 2 meters (6 feet) below ground level with ASTM Type 1 and 11 Portland Cement.
4. Cap casing by welding steel plate on stub.
5. Remove cellar cribbing.
6. Backfill cellar and restore surface area as specified by USFS.

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

(See reverse side if needed)

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

SIGNED

Teddy Spurr

TITLE

Environmental Coordinator

DATE

7/7/87

(This space for Federal use)

APPROVED BY

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.