

ENVIRONMENTAL SURETY NOTICE

15 U 15 U 15  
JUL 15 1987  
Budget Calendar No.

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.

OREGON STATE OFFICE  
BUREAU OF LAND MANAGEMENT  
OR 11907

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

5. SURFACE NUMBER: SLM ( ) FS (X)  
Other ( )

1b. WELL STATUS:  
Permanent Abandonment

6. UNIT AGREEMENT NAME  
Newberry Volcano Flan

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

7. WELL NO.  
N-2

8. PERMIT NO.  
OR92086DNB

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

9. FIELD OR AREA  
Newberry Volcano

13. LOCATION OF WELL OR FACILITY  
2175' S and 1130' W of NE corner of S29, T21S, R12E

10. SEC. T., R., S. & N.  
S29, T21S, R12E

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 COMPLETS ( )
	CONSTRUCT NEW PRODUCTION FACILITIES ( )	SHOOT OR ACIDIZE ( )	ABANDON (X)
	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)

Proposed operations for permanently abandoning GEO N-2 include the following:

1. Separate 1.9" O.D. tubing (J-55) from 4" LP Flange by cutting with torch.
2. Remove 7-1/6 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)

17. I hereby certify that the foregoing is true and correct (Use reverse side if needed)

SIGNED Jerry S. [Signature] TITLE ENVIRONMENTAL COORDINATOR DATE July 7, 1987

(This space for Federal use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

This permit is issued under the authority of 30 CFR 270.1001 (C.F.R. 1023); regulations issued under 30 CFR 270.1001 (C.F.R. 1001) makes it unlawful for any person to make a willfully false statement or representation to any Department or Agency of the United States or to any officer within its jurisdiction.