

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

GEOHERMAL SUNDRY NOTICE

FORM APPROVED
OMB NO. 1004-0132
Expires: September 30, 1990

The Bureau of Land Management (BLM) requests this form or other BLM-approved forms to be prepared and filed in **triplicate** with requisite attachments with the authorized officer. The authorized officer must approve this permit prior to any lease operations.

1a. Well Type: Production Injection Heat Exchange Observation Other

1b. Well Status:
Completed

2. Name of Lessee/Operator
C.E. Exploration

3. Address of Lessee/Operator
34 NW First St., Ste. 302, Portland Oregon 97209

4. Location of Well or Facility
400' East & 1500' South of northwest corner Sec. 22, T21S, R12E

5. 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

6. Lease Serial No.
OR 45505

7. Surface Manager: BLM FS
 Other

8. Unit Agreement Name
Deschutes

9. Well No. 23-22 10. Permit No. 050-95-04

11. Field or Area
Newberry KGRA

12. Sec., T., R., B. & M.
Sec 22, T21S, R12E

13. County
Deschutes

14. State
Oregon

15. Describe Proposed Operations (Use this space for well activities only. See instructions for current well conditions on reverse).

C.E. Exploration proposes to acidize Well 23-22 to enhance production of the well, in accordance with the attached procedure. A 15% solution of hydrochloric acid will be used (approximately 4000 gallons) to acidize the well, with water being pumped downhole prior to, during, and after the acid flush. A copy of the Material Safety Data Sheet for hydrochloric acid is attached for your review, along with standard industry safety procedures. The acid will be stored for a minimum amount of time on the wellpad in frac tanks. An earthen berm will be constructed around the tanks to contain any releases. All personnel will be briefed on hazard communication, emergency response and hazardous material handling instructions prior to the start of the job.

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 Dave McClain

Title Project Manager

Date 12/26/95

(This space for Federal use)

Approved by Dennis J. Olmstead
Conditions of Approval, if any:

Title Petroleum Engineering Specialist

Date 1/4/96

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)