TO: U.S. Air Force
15 ABW/DEEV
Hickam AFB, Hawaii 96853

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii", your application to drill two monitor wells at the Waikakalaua Fuel Storage Annex, Tax Map Key: 9-4-12:10, is approved subject to the following conditions:

1. The wells shall be used for monitoring and testing only.
2. Driller's Well Completion Reports (enclosed) and as-built sections of the wells shall be submitted to the Division of Water and Land Development, P.O. Box 373, Honolulu, Hawaii 96809, within 60 days after completion of the wells.
3. Periodic reports on the monitoring operations shall be submitted to the Division.
4. The applicant shall comply with all applicable laws, rules, and ordinances.
5. This permit may be revoked if work is not started within six months of date of issuance or if work is suspended or abandoned for six months.
6. Upon completion of monitoring operations, the applicant shall obtain a Well Modification Permit and seal the wells with cement grout in a manner approved by the Department.

Date of Issuance
MAR 22 1988

Enc. (Driller's Report form)
cc: USGS
Department of Health,
Drinking Water Program
Ground Water Protection Program
Honolulu BWS
RECEIVED

10 Aug 9 10:08

U.S. DEPT. OF WATER & LAND DEVELOPMENT
STATE OF HAWAII

DEPARTMENT OF LAND & NATURAL RESOURCES

DIVISION OF WATER AND LAND DEVELOPMENT

DRILLER'S REPORT

DESCRIPTION

Date of report: May 5, 1988  
Person filing report: Jeff Peterson

A. OWNER: U.S. Air Force  
NAME: POL MW-7  
ISLAND: Oahu

B. GENERAL LOCATION: Waikalalua Fuel Storage Annex

C. DRILLING COMPANY: Mobil B-80  
DRILLING COMPLETED: 2-88

D. TYPE OF RIG:  
DRILLER: Leo Brodrick

E. ELEVATION, msl: Top of drilling platform 688, 694 ft.  
Bench mark and method used to determine height: MW-6 = 686  
MW-7 = 692

F. HOLE SIZE:  
1 in. dia. to 155 ft. below drilling platform

G. CASING INSTALLED:  
4 in. I.D. x 0.024 in. wall solid section to 140 ft. below drilling platform

H. ANNULUS: Grouted 0.0 ft. to 137.0 ft. below drilling platform

I. PERMANENT PUMP INSTALLATION:  
- Pump type, make, serial no.: NONE
- Capacity g.p.m.
- Motor type, H.P., voltage, r.p.m.
- Depth of pump intake setting: ft. below which elevation is ft.
- Depth of bottom of airline: ft. below which elevation is ft.

HYDROLOGY - NONE

J. INITIAL WATER LEVEL: ft. below drilling platform  
Date of measurement:

K. INITIAL CHLORIDE: ppm, total depth of well: ft. below drilling platform  
Sampling Date:

L. PUMPING TESTS:

M. DRILLER'S LOG:

SUBSURFACE FORMATION

Depth, ft.  
Rock Description & Remarks ft.  
Water Level

0.0  
Pinkish Gray Gravely Sand

0.8  
Various color shades of

56.6  
Reddish brown silt

105.0  
Various color shades of

155.0  
Olive gray silt (saprolite)

Depth, ft.  
Rock Description & Remarks ft.  
Water Level

0.0  
Various shades of dark

20.0  
Reddish brown clayey

110.0  
Various shades of

155.0  
Dark-gray Basalt

N. REMARKS: No ground water encountered in either boring.

INSTRUCTIONS: Send three(3) copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 373, Honolulu, Hawaii 96809.


FOR OFFICIAL USE

Latitude: 21 27 26
Longitude: 158 02 11
Well No.: 2702-01

FOR DRILLER’S USE

Job Name:
Job No.