

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
910 State Office Building Portland, OR 97201

MISCELLANEOUS APPLICATION

(In compliance with rules and regulations pursuant to ORS 520)

ARCO (Company or operator) HANNA #1 (Lease) (Well No.)
Sec. 23, T. 2S, R. 27E M.B.&M. Surveyed Coordinates: 1900'S + 1400' W
of NE corner
Wildcat: _____ (or) Field Name: MIST County: COLUMBIA
Date: 8/2/88 Person: KWANG PARK Position: SUPERVISOR, DRILLING

This application becomes a permit when signed and dated by DOGAMI in the box below.

The present condition of the well, including complete casing record, is as follows:

16" csq. @ 1598'

Following is a detailed account of proposed work:

Drill to 7400' Run logs.
Run 13 3/8" csq. to 7400 ±. Bring cement up to
±3000 into the basalt. Nipple up BOP and
test.

7331'

2640'

DOGAMI Approved _____

By _____