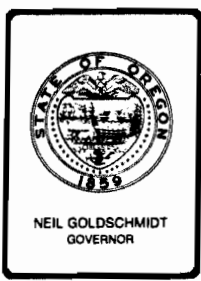


Pam



Water Resources Department

3850 PORTLAND ROAD NE, SALEM, OREGON 97310

PHONE 378-8455

April 25, 1989

Thomas Peck
Monders Drilling Inc.
PO Box 15087
Salem OR 97309

Dear Tom:

This letter is to approve your request to install 12" casing to a depth greater than 250 feet. In your request you propose to place 10" casing from the basalt up to 250 feet. The 10" casing will be inside the 12", the space between the 10" and 12" casings is to be filled with neat cement grout. The 10" casing is to be centered inside of the 12" to provide a uniform layer of grout between the two casings.

Grouting the 10" casing inside the 12" casing will provide strength to prevent the 12" casing from collapsing.

Please contact me if you have additional questions on this matter.

Sincerely,

Thomas J. Paul
Manager
NW Region

sc 7256
#758
W
CA

proposal:

To drive 12" casing ^{1/4 wall} beyond
250' to shut off squeezing clay
between 250'-325' so that 10"
casing can be cemented into basalt.

10" casing will be cemented
into basalt 5' up to the 250'
level.

grout will be placed by
dump bailer and 10" casing will be
capped on lower end and as 10"
casing is lowered it will force
cement grout around & up 10"

Monders Drilling Inc
Apr 21, 1989

Thomas R Pen
cont his #758

Cliff Herr
9551 Seloh Springs Rd
Saturn, Silverton, Or

