



Water Resources Department

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8455

August 23, 1979

Ira Trussell
P.O. Box 30
Manning, OR 97125

Dear Mr. Trussell:

This is to acknowledge receipt of your request for special standards for the construction of four (4) wells for the Roff Construction Company. The reported location of the aforesaid wells are within the NE $\frac{1}{4}$, SE $\frac{1}{4}$, section 1, Township 4 North, Range 28 East, W.M. Your letter requests permission to use bentonite as a casing seal material instead of cement grout as required by the well construction standards.

You are hereby authorized to construct the aforesaid wells in conformance with OAR 690-61-126 or 690-61-131. Special permission is hereby authorized to use bentonite as casing seals in the above wells provided that an Aqua-gel grade, or equivalent, bentonite is used. The bentonite grout must be mixed in a proportion of 65-70 lbs of bentonite per 95 gallons of clean, potable water. The bentonite must be placed in a positive manner as required by the well construction standards for cement grout.

Sincerely,

WILLIAM B. MCCALL
Hydrogeologist

WBM:jtw

cc: Steve Applegate, Watermaster, District #5

UMAT 1623, 1624, 1625, 1626

RECEIVED

AUG 22 1979

WATER RESOURCES DEPT
SALEM, OREGON

Manning Ore
Aug 17, 1979

Water Resources Dept
Salem Ore

Dear Mr. McCall

I am requesting Permission
to Construct Four (4) Wells
using Bentonite for Grouting,
as per our Phone Conversation,
These Wells are all for
Reeff Construction at location
shown, NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec 1, T4N, R28E
This is ~~not~~ Pure Sand & small
Gravel to water, approx 50 ft Deep
I feel I can do a better sealing
job with Bentonite.

See you soon Bill

Sincerely
Dra Trussell
Cont # 472