

Water Resources Department

MILL CREEK OFFICE PARK

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

1-800-452-7813
PHONE 378-8455

September 25, 1979

E. H. Wallace
Six Skyline Dr.
Pendleton, OR 97801

Re: Ivan and Vernon Cook
4N/28E-23ba

Dear Mr. Wallace:

This is to acknowledge receipt of your request for special standards to case the above referenced well with 0.25 wall, 14-inch diameter, well casing instead of 0.312 wall casing as required by OAR 690-61-006 of the Well Construction Standards. Your letter requests permission to case the well to a depth of 200-250 feet with the above thin walled casing. Your request also states that the entire length of the casing will be sealed with cement grout.

You are hereby authorized to case the well as described above provided that a cement grout envelope is provided to the outside of the casing as stated in your letter of request.

I must caution you that the compressive strength of the 0.25 wall casing is questionable at depths below 150 feet -- depending on the static water level and the pumping drawdown. An extensive pumping drawdown in the proposed well might present collapse problems with the casing. Should this problem become evident in the well, it will be necessary for you to recase the well in accordance with the well construction standards.

Sincerely,

WILLIAM B. MCCALL
Hydrogeologist

WBM:caw

cc: Steve Applegate, Watermaster, District #5

4MAT 2507

Wallace Well Drilling

RECEIVED

SEP 24 1979

WATER RESOURCES DEPT
SALEM, OREGON

September 20, 1979

Water Resources Dept.
State of Oregon
Salem, Oregon

Att: Bill McCall

Dear Sir,

In regards to our telephone conversation of Sept. 19, 1979, we wish to ask for special standards consideration on casing to be used in the Ivan and Vernon Cook well, Hermiston, Or., located NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 23, Twp 4N, R28 EWM, well dia. is to be 14", anticipated casing depth is 200-220 ft.

We have tried through our normal channels to obtain .312 wall casing, but are unable to obtain any at this time. As this casing hole will be in some soft rock and hard clay to cased depth, or hard basalt, and entire length of casing will be grouted into rock, we feel that .250 wall casing is ample for good construction of this well.


In view of the foregoing statements, we ask to construct the well under 60-040 Special Standards.

Very truly yours,



E.H. Wallace

Wallace Well Drlg. Co.



(503) 276-7706
SIX SKYLINE DRIVE
PENDLETON, OREGON
97801