



STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

1089 STATE OFFICE BUILDING
PORTLAND 1, OREGON

April 19, 1960

Mr. Len Ramp
State Assay Laboratory
P.O. Box 417
Grants Pass, Oregon

Dear Len:

I really appreciate your help on the Kernin drilling near Roseburg. With conditions as you reported, it appears as though no plugs are needed if Mr. Coon applies for use of the water.

I am writing D. Coon today to instruct him on filing for use of the water. Hollis, Norm, and I had a real time in Lakeview last week. Giving public talks is not so bad in small doses but I sure would not want to tackle another week-long session for a while.

Thanks again for the help.

Sincerely,

Vern

VCN:lk

April 18, 1960

Mr. Vern Newton
1069 State Office Building
Portland 1, Oregon

Dear Vern:

I visited the D. Coon No. 1 well Friday. Mr. Kernin has a small well drilling rig there. We roughly measured the depth by dropping the bailer to about 140 feet. Kernin said it was supposed to be 150 feet.

Mr. Coon said that he kept close watch on the water and that no salt water was encountered. A small flow of fresh water was reported at about 40 feet. The hole is reported to be in a very hard sandstone. It is probably Dothan formation.

Kernin plans to put in a short length of 12" casing and to tear down the big churn drill rig. He mentioned a desire to drill to greater depth with a better rig. He gave me a set of 8 ditch samples which I will turn over to you.

Mr. Coon would like to file for use of the water, and would appreciate any help you can give him.

Sincerely yours,

LR:amj

Len



STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

1069 STATE OFFICE BUILDING
PORTLAND 1, OREGON

April 8, 1960

John Newton

Mr. Len Ramp
State Assay Laboratory
P.O. Box 417
Grants Pass, Oregon

Dear Len:

OR 21358

Mr. W. F. Kernin, Roseburg, notified us yesterday that he intends to plug his well next week - Permit No. 1. Since I have to be in Lakeview all next week, I thought you might be able to visit the well site and ascertain what plugging was necessary. If Kernin wants to go ahead with the work maybe you could check on the work to see if it was done right.

You will have to find out if the hole was drilled below fresh water zones and if it did, to require a cement plug about 30 feet below them. I calculated that eight sacks of cement would make an adequate plug. If the hole bottomed in fresh water sediments, then no plug is required.

We usually require the hole to be filled with mud between the bottom and cement plugs, but in this case dry filling with dirt is probably all right or forming a bridge plug. If there is salt water in the bottom of the hole, I would recommend doubling the quantity of cement used.

Cement can be placed in the hole by a bailer or pumped through a pipe hung at plugging depth.

A 10-foot cement plug is to be placed in the top of the casing after cutting the casing off so that it is about 3 feet below the ground surface. The hole between plugs should be filled with mud.

I think in this case that the land owner wants to use the hole as a water well. If so, no top plug is required. The land owner, D. Coon, who, incidentally, is my uncle, must make application through our Department for use of the well. I can make arrangements to help him file for use of the water, but in case the question arises here are the steps the land owner must take:

1. Make application by letter to our Governing Board to leave the well partially unplugged.

2. Application is to be accompanied by an affidavit stating intended use of water.
3. Obtain an order or permit from the State Engineer stating use of water is granted.

If convenient, would you pick up the following records from W. F. Kernin on this drilling:

1. Ditch samples.
2. Description of formations penetrated.
3. Well history.
4. Plugging affidavit (to be filled out after plugging, setting forth method of plugging).

Sincerely,



Vern

VCN:lk