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MAR 31 1994

WATER RESOURCES DEPT.
SALEM, OREGON

BECK WELL DRILLING
10300 SE Champagne
Portland, Oregon 97266

March 26, 1994

Rob Carter
Water Resources Department
3850 Portland Road NE
Salem, Oregon 97310

Dear Rob:

I talked with you on Wednesday about the cement seal in Ted Eurick's well not being completely to land surface.

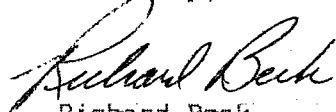
I went back that afternoon, and found that the cement had settled on the west side creating a tube about 4" in diameter to a depth of 7 ft. 4 in. There was very little soft material at the bottom. The remainder of the cement was within a few inches of the surface where I had left it when still fluid.

I flushed the space with water (25gpm pump in well) through a 3/4 in. pvc pipe placed to 7 ft. as you recommended. There was little discoloration of the water. One sack of cement mixed in less than 6 gal of water & tremied filled the void to within 4 in. of the surface, and a small amount from a second sack topped it off. I haven't been back yet to see if it settled.

This well was drilled using a surface casing and grouted to 60 feet, (though only required to twenty feet). I started in the morning and put in 33 sacks, plus bentonite. I test pumped the well for 5 hours before moving the rig. I wouldn't have moved the rig if the cement were still settling. I didn't rush back to check on it though I planned to.

I am sorry I didn't fill it the next morning so Edwards would not have found it as he did.

Sincerely,


Richard Beck