

August 29, 1997

WATER
RESOURCES
DEPARTMENT

Robert Stadel
STACO Well Services
220 Academy Street
Mt. Angel, OR 97362

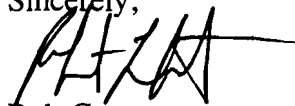
Dear Robert:

Please find enclosed copies of the following approved special standards:

1. City of Fairview (start card number 89247)
2. Joe Foti (start card number 104086)

If you have any questions concerning this letter, please contact me at the address or phone number listed below.

Sincerely,



Rob Carter
Well Construction Specialist

cc: Richard Edwards, Well Inspector

m:\wp\ss97\stadelir.1



Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

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WATER RESOURCES DEPT
SALEM, OREGON

Oregon Water Resources Department

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT
INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

Before request can be considered, the following must be answered. Requests shall be submitted to the Well Construction Specialist, Water Resources Department. Requests may also be considered by the appropriate Regional Manager.

Date of Request: August 25, 1997

Bonded Well Constructor (name, license and mailing address): Robert Stadel, 220 Academy Street, Mt. Angel, OR 97362 WWC#1523

1. Location of Well: SE 1/4 SW 1/4 of Section 28
Township 1N Range 3E Multnomah County
Address at well site: Site is next to 21523 NE Halsey

2. Start Card Number(s): 89247

3. Name and Address of Land Owner: City of Fairview, 300 Harrison Fairview, OR 97214

4. The distance to the nearest well, septic tank or drainfield (if water supply well):

4. The unusual conditions which necessitate this request Grout loss

5. The proposed construction methods that the well constructor believes will be adequate for this well (attach additional pages if needed). Install bentonite chips for
17^{feet} ~~inch~~ to seal up zone that was taking grout.

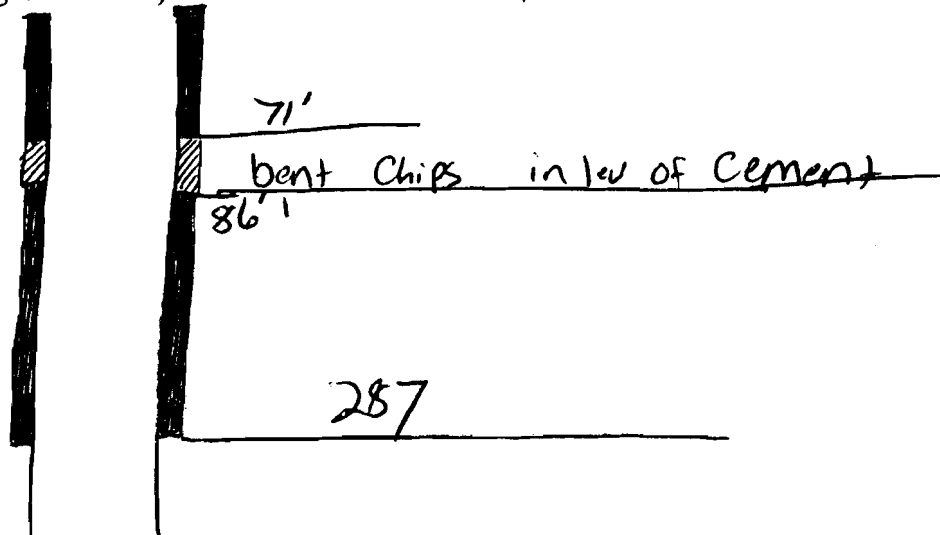
W-SM

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WATER RESOURCES DEPT
SALEM, OREGON

7. Diagram showing the pertinent features of the proposed well design and construction (attach additional pages if needed):



PLEASE NOTE:

1. If approved, all other phases of well construction must comply with the appropriate standards described in OAR 690-200 through 690-240.
2. If it should be determined at some future date that the well, due to its construction, is allowing groundwater contamination, waste or loss of artesian pressure, the above signed shall return to the site and rectify the problem.
3. If verbal approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of verbal approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

Bonded Constructor Signature:

For Water Resources Department Use Only

Date:

8-29-97

Approved by:

Denied by:

Remarks:

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SALEM, OREGON

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1. Location of Well: SE 1/4 SW 1/4 of Section ~~28~~ 7
Township ~~4N~~ 7S Range ~~3E~~ 1E Multnomah Marion County
Address at well site: Site is next to 21523 NE Halsey

2. Start Card Number(s): ~~89247~~ 104086

3. Name and Address of Land Owner: Joe Foli
City of Fairview, 300 Harrison
Fairview, OR 97214

4. The distance to the nearest well, septic tank or drainfield (if water supply well):

4. The unusual conditions which necessitate this request Two aquifers were
encountered with different states

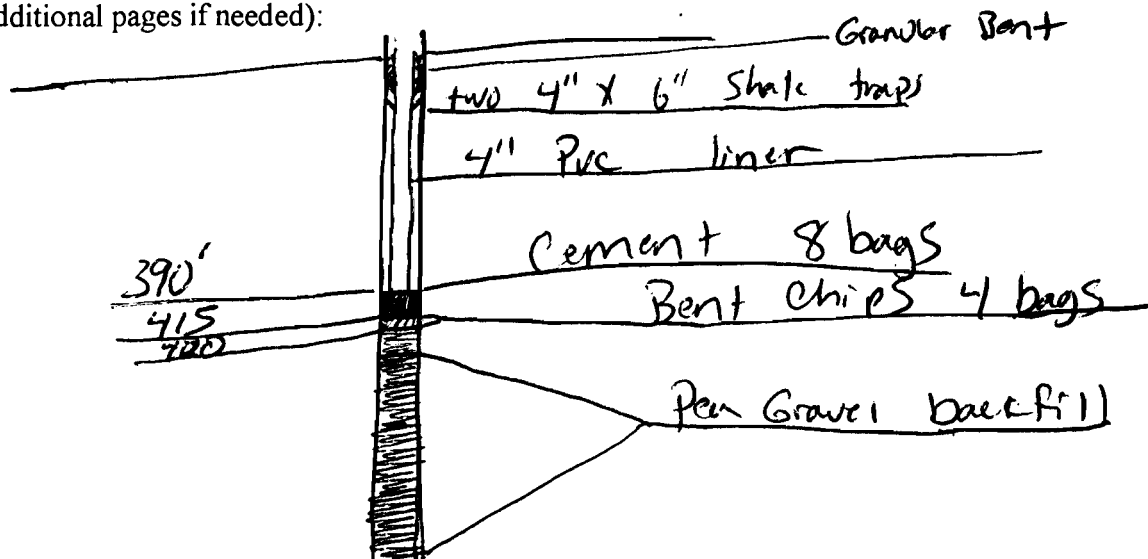
5. The proposed construction methods that the well constructor believes will be adequate for this well (attach additional pages if needed). Plug the well with cement at
approximately 400' to separate the two aquifers and utilize upper one use shale traps
and granular bentonite to seal off cascading water at approximately 30 feet.

W
OT
Remarks: PVC inner casing with shale traps

AUG 27 1997

WATER RESOURCES DEP
SALEM, OREGON

7. Diagram showing the pertinent features of the proposed well design and construction (attach additional pages if needed):



PLEASE NOTE:

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For Water Resources Department Use Only

Date: _____

8-29-97

Approved by: _____

Denied by: _____

Remarks: _____