

April 21, 1997

WATER
RESOURCES
DEPARTMENT

Steve Schneider
Schneider Equipment, Inc.
21881 River Road NE
St. Paul, OR 97137

Dear Steve:

Please find enclosed a copy of the following approved special standard request:

1. City of Wilsonville - Elligson Well (start card number 95178)

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

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

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: April 9, 1997 *(confirming subsequent to telcon w/ Rob Carter on 3/12/97)*

Bonded Well Constructor (name, license and mailing address): Stephen J Schneider VP, Schneider Drilling Co., 21881 River Rd NE, St. Paul, OR 97137

(1) Location of Well: SE 1/4 SW 1/4 of Section 1, Township 35, Range 10N, Washington County.

Address at well site: 7600 SW Elligson
Wilsonville OR 97070

(2) Start Card Number(s): 95178

(3) Name and Address of Land Owner: City of Wilsonville, 30000 SW Town Center Loop East, Wilsonville, OR 97070

(4) The distance to the nearest well, septic tank or drainfield (if water supply well): No known well, septic tank or drainfield within 100'

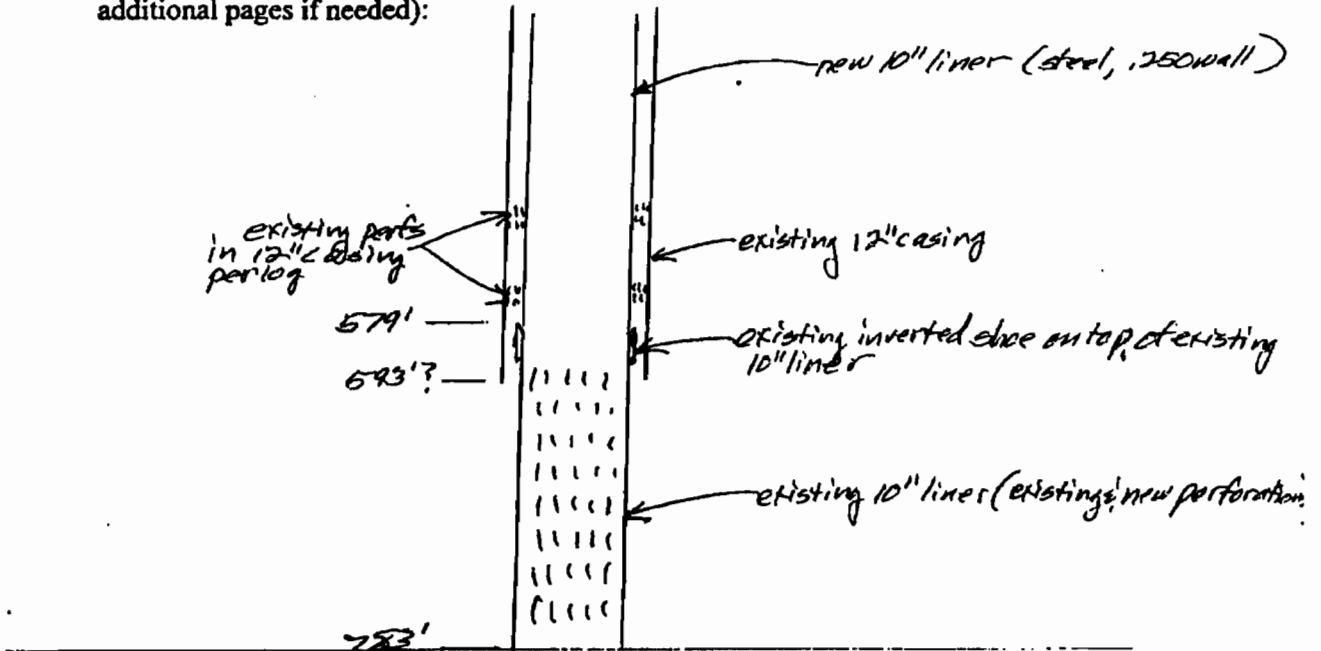
(5) The unusual conditions which necessitate this request: See attached log of existing well. During pumping, the pumping water level is below the upper sets of perforations. This causes water to cascade into the well and promotes plugging, etc. It is not believed that major water

(6) The proposed construction methods that the well constructor believes will be adequate for this well (attach additional pages if needed) product occurs above 500'.

We plan to re-perforate and add more perforations to the existing 10" liner to significantly increase the open area below 500'. We then want to line the hole from the top of the existing 10" liner to approximately ground surface. This new liner would not overlap the existing - that is the variance needed.

W-ca

- (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 undersigned 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: Stephen Schneider

For Water Resources Department Use Only

Date: 4-16-97

Approved by: [Signature] Denied by: _____

Remarks: _____

WED 15:17 FAX

The original and first copy of this report are to be filed with the

RECEIVED STATE ENGINEER SALEM OREGON OCT 1 1976

WATER WELL REPORT

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

STATE OF OREGON (Type or print) State Engineer (Type above this line)

State Well No. 3/1W-1cd

State Permit No. Elliasen Well

(1) OWNER:

Name City of Wilsonville Address P.O. Box 155 Wilsonville, ORE.

(2) TYPE OF WORK (check):

New Well [] Deepening [] Reconditioning [] Abandon []

If abandonment, describe material and procedure in item 12.

(3) TYPE OF WELL:

Rotary [] Cable [] Dug [] Driven [] Jetted [] Bored []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal [] Irrigation [] Test Well [] Other []

(5) CASING INSTALLED:

Threaded [] Welded []

Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? [] Yes [] No

Type of perforator used

Size of perforations in. by in. perforations from ft. to ft.

(7) SCREENS:

Well screen installed? [] Yes [] No

Manufacturer's Name

Type Model No. Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [] Yes [] No If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.

Ballot test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used

Well sealed from land surface to ft.

Diameter of well bore to bottom of seal in

Diameter of well bore below seal in.

Number of sacks of cement used in well seal sacks

Number of sacks of bentonite used in well seal sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons

ft. water lbs./100 gals.

Was a drive shoe used? [] Yes [] No Plug Size: location ft.

Did any strata contain unashable water? [] Yes [] No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? [] Yes [] No Size of gravel: ft.

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Driller's well number Section T. R. W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found ft.

Static level ft. below land surface. Date

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing ft.

Depth drilled ft. Depth of completed well ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated.

Table with columns: MATERIAL, From, To, SWL. Rows include Rock Black Med Hard, Rock Grey Hard, Rock Brown Soft, etc.

Work started 19 Completed 19

Date well drilling machine moved off of well 19

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

(Signed) [Signature] Date August 19 70 (Drilling Machine Operator)

Drilling Machine Operator's License No 246

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name HARRON BATTNER DRILLING CO. (Person, firm or corporation) (Type or print)

Address 3424 S.E. 174 AVE. PORTLAND, ORE.

(Signed) [Signature] (Water Well Contractor)

Contractor's License No. 109 Date , 19