



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department

North Mall Office Building
725 Summer St. NE, Suite A
Salem, OR 97301
Phone: 503-986-0900
FAX: 503-986-0904
www.oregon.gov/owrd

October 22, 2012

Steve Schneider WWC #649
Schneider Well Drilling
21881 River Road NE
St. Paul, OR 97137

Dear Mr. Schneider:

The special standard request you submitted for leaving 30" diameter temporary casing in the ground at a depth of 35 feet below land surface is approved. You indicate the reason for the special standard request is because the temporary casing broke during extraction. Your special standard request is enclosed for your information.

The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard, the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor is responsible for ensuring that a well constructed in a manner that protects the ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.

If you have any questions concerning this letter, I may be contacted at (503) 986-0852, or by e-mail at Juno.G.Pandian@wrdd.state.or.us.

Sincerely,

Ms. JUNO PANDIAN, Manager
Well Construction & Compliance Section

cc: Mike Ladd, Manager, North Central Region

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review of the order must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 and OAR 690-01-0005 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.





Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Special Standards Request Form

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

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Specialist, Water Resources Department, 725 Summer Street NE, Suite A, Salem OR 97301-1266. Requests may also be considered by the appropriate Regional Manager.

Date of request: 10/17/12 Oral approval date (if applicable): 10/18/12

Bonded Well Constructor (name, license #, and mailing address): Steve Schneider, WWC #649

21881 River Road NE, St. Paul, OR 97137

(1) Location of Well: SE 1/4 SE 1/4 Tax lot 1509 Section 5,
Township 3 N, Range 29 E, Umatilla County
Address at well site: _____ nearest: 2115 S. Hwy 395, Stanfield, OR 97875

(2) Start Card Number(s)(for work to be done): 208746

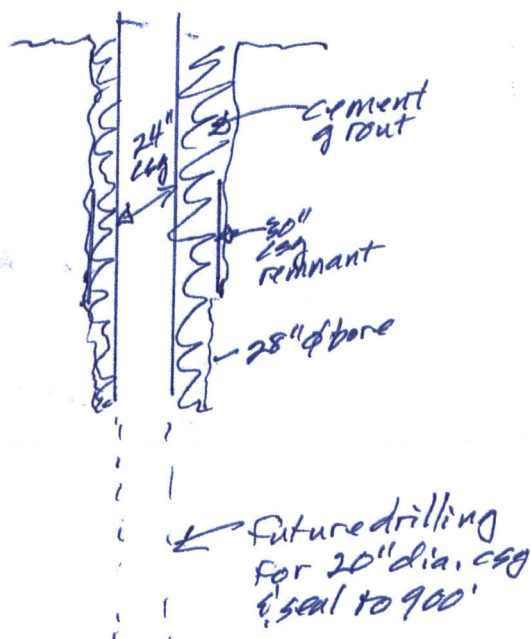
(3) Name and Address of Land Owner: City of Stanfield
160 South Main St, Stanfield, OR 97875

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)
closed sewage line: ~25' (Already addressed in previous Special Standard)

(5) The unusual site conditions which necessitate this request: Borehole was cased with 30" diameter
temp. casing to 64', 28" min. dia. hole was then drilled to 89'. 24" dia. casing was installed to 89'. During cement
grout placement (method C), 30" casing extraction was attempted; however, that casing broke at 35' bgs.

(6) The proposed construction methods that the bonded well constructor believes will be
adequate for this well: (attach additional pages if needed)
Finish the grout placement from 89' to surface around the 24" casing while removing the upper 35' of 30" casing.
Leave the 30" casing in place from 35' to 64'. Final design calls for a 20" casing to be installed from surface to 900'
with a seal around it from surface to 900'.

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



0'-10' Silt, oil, brown
10'-23' silt, packed, brown, a little sandy
23'-26' silt, cemented, pink-brown
26'-31' silt, packed, brown
31'-32' silt, brown & gravel, 3"-
32'-36' Gravel 3"- ϕ silt, brown
36'-45' silt, brown & gravel, 1 1/2"- ϕ , some sand
45'-48' Gravel, 2 1/2"-, cementation, sandy
48'-54' silt, brown & gravel, small (1"), sandy
54'-58' Gravel, 3"-, cementation, sandy
58'-60' Gravel, 3"- ϕ clay, brown, soft
60'-65' Gravel, 3"-, cementation, sandy, some clay
65'-75' Basalt, grey & brown, med, blk, some clay
75'-76' clay, yellow, sandy, soft
76'-79' Basalt, grey & brown, med, blk
79'-89' Basalt, grey & brown, med, blk, some frac.

PLEASE NOTE:

- (1) The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing ground water contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral 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 J. Schmidt