

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

(Do not write above this line)

State Well No. 3s/2w-28bc
State Permit No. _____

Yamh
39

(1) OWNER:

Name Donald Guard
Address Rt. 2, Box 142
Newberg, Or 97132

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rev Rotary Driven
Cable Jetted
D Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

6" Diam. from +1'3" ft. to 272'10" ft. Threaded Welded Gage 250
4" Diam. from +1'2" ft. to 19'9" ft. Gage 237
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used mill cut
Size of perforations 3/8 in. by 2 1/2 in.
468 perforations from 99'3" ft. to 140'7" ft.
228 perforations from 180'9" ft. to 200'9" ft.
480 perforations from 220'10" ft. to 262'10" ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
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? SEI
id: 20 gal./min. with 235 ft. drawdown after 10 hrs.
" " " " " "
" " " " " "
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow g.p.m. _____
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION: * 4 1/2 yd of 5 sk

readimix

Well seal—Material used _____
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 18 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal 22 1/2 sacks
How was cement grout placed? * see attached
Dept. of Water Resources letter
regarding special standard

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.

Did any strata contain unusable water? Yes No

Type of water? _____ depth of strata _____

Method of sealing strata off _____

Was well gravel packed? Yes No Size of gravel: 3/4 minus

Gravel placed from 18 ft. to bottom ft.

(10) LOCATION OF WELL:

County Yamhill Driller's well number 8003
SW 1/4 NW 1/4 Section 28 T. 35 R. 2W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 107 ft.
Static level 15 ft. below land surface. Date 4-25-80
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing _____

Depth drilled 285 ft. Depth of completed well 263 ft.

Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change in
position of Static Water Level and indicate principal water-bearing strata.

| MATERIAL | From | To | SWL |
|---------------------------|------|----|-----|
| <u>See sheet attached</u> | | | |
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MAY 21 1980

WATER RESOURCES DEPT
SALEM, OREGON

Work started 2-13 1980 Completed 5-2 1980
Date well drilling machine moved off of well 5-2 1980

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] Stephen Schneider Date 5-20, 1980
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1090

Water Well Contractor's Certification:

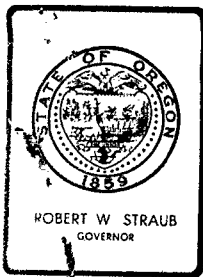
This well was drilled under my jurisdiction and this report is
true to the best of my knowledge and belief.

Name Schneider Equipment, Inc.
(Person, firm or corporation) (Type or print)

Address 21881 River Rd. NE, St. Paul, Or
97137

[Signed] Stephen Schneider (Water Well Contractor)

Contractor's License No. 649 Date 5-20, 1980



Water Resources Department

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8455

May 24, 1978

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WATER RESOURCES DEPT
SALEM, OREGON

Milo Schneider
Schneider Equipment, Inc.
21881 River Road N.E.
St. Paul, Oregon 97137


Dear Mr. Schneider:

Please accept my apologies for the delay in responding to your recent letter requesting special standards for the use of concrete instead of cement grout as a sealing material in large diameter wells that provide excessive space between the drill hole wall and the outside casing of the well. You are hereby granted special permission to use concrete instead of neat cement with the following provisions and conditions:

- 1) Concrete shall consist of clean, hard, endurable aggregate, and not less than five sacks of Portland cement per cubic yard of concrete. Maximum diameter of the aggregate shall not exceed 3/4 of an inch in diameter.
- 2) If the well bore hole to be sealed is not dry, concrete shall be pumped from the bottom of the seal zone upward in one continuous operation to land surface.
- 3) In the event that the well bore annular space to be sealed is dry, concrete shall be placed through a tremie pipe to prevent segregation of the aggregate and cement mixture and to prevent bridging.
- 4) The space between the sealing surfaces of all casings and between all casings and the bore hole shall exceed 3-inches or more.

Special standards to construct a well as described above shall be considered to apply to all wells constructed in such a manner. Please refer to these special standards on the well reports of all well constructed in this manner.

Sincerely,


WILLIAM B. MCCALL
Hydrogeologist

WBM:clh

cc: Clifton R. King, Watermaster, District #16

Donald L. Guard

| Material | From | To |
|---|------|-----|
| Top soil | 0 | 2 |
| Clay, brown, soft | 2 | 6 |
| Clay, brown silty, soft | 6 | 15 |
| Clay, brown, soft | 15 | 32 |
| Clay, gray, silty, soft | 32 | 45 |
| Clay, gray, sticky, soft | 45 | 57 |
| Clay, gray, silty, med soft | 57 | 59 |
| Clay, green, silty, med soft | 59 | 69 |
| Clay, brown, rusty, med soft | 69 | 74 |
| Clay, light gray, soft | 74 | 79 |
| Clay, rusty color, silty, med soft | 79 | 81 |
| Clay, light gray to rusty, med hard | 81 | 85 |
| Clay, light gray w/ rusty streaks, med hard | 85 | 88 |
| Clay, rusty, silty, med soft | 88 | 95 |
| Clay, rusty, soft w/ silty sand | 95 | 101 |
| Clay, gray, med soft | 101 | 107 |
| Sand, fine with clay | 107 | 110 |
| Clay, green, med soft | 110 | 120 |
| Clay, brown, silty | 120 | 125 |
| Clay, brown, soft little silty | 125 | 135 |
| Clay, gray, med hard | 135 | 142 |
| Clay, green, silty, soft | 142 | 145 |
| Clay, brown rusty, soft | 145 | 160 |
| Clay, gray, soft | 160 | 165 |
| Clay, brown, med soft | 165 | 172 |
| Clay, gray, med hard | 172 | 173 |
| Clay, brown gray, silty, med hard | 173 | 175 |
| Clay, brown gray, silty, medium | 175 | 178 |
| Clay, gray, med soft | 178 | 185 |
| Clay, brown gray, med soft | 185 | 195 |
| Clay, green brown, med soft | 195 | 198 |
| Clay, green, gritty soft some sand | 198 | 203 |
| Clay, gray, med hard | 203 | 205 |
| Clay, gray, med hard w/ some wood | 205 | 215 |
| Clay, dark gray, med hard | 215 | 224 |
| Clay, gray, silty, soft | 224 | 235 |
| Clay, gray soft | 235 | 243 |
| Clay, gray, silty, hard | 243 | 255 |
| Clay, gray, flakey soft, silty | 255 | 257 |
| Clay, gray, flakey w/ some gravel | 257 | 262 |
| Clay, gray, med hard | 262 | 275 |
| Clay, gray, med soft | 275 | 285 |

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