NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the
STATE ENGINEER, 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)

RECEIVED
MAR 30 1977
WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. 6S/1W-11
State Permit No.

(1) OWNER:
Name Mt. Angel Abbey
Address St. Benedict, Ore. 97373

(2) TYPE OF WORK (check):
New Well XX Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary XX Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation X Test Well ☐ Other ☐

(5) CASING INSTALLED:
Threaded ☐ Welded XX
See sheet attached" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:
Perforated? XX Yes ☐ No.
Type of perforator used Cutting torch
Size of perforations 3/8 in. by 6 in.
328 perforations from 63'1" ft. to 84'8" ft.
296 perforations from 104'8" ft. to 124'2" ft.
304 perforations from 144'2" ft. to 164'1" ft.

(7) SCREENS:
Well screen installed? ☐ Yes X 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? X Yes ☐ No If yes, by whom? air lift driller
Yield: 480 gal./min. with 340½ ft. drawdown after 24 hrs.
375 " 267½ " 25 "
" " " "
Bailer 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 Pressure grouted zonolite, cement & admix
Well sealed from land surface to 38 ft.
Diameter of well bore to bottom of seal 32 in
Diameter of well bore below seal see sheet attached in
Number of sacks of cement used in well seal 52 sacks
Number of sacks of aggregate used in well seal 26(104 cu ft) sacks
Brand name of bentonite aggregate zonolite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? ☐ Yes X No Plugs Size: location ft.
Did any strata contain unusable water? ☐ Yes X No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? X Yes ☐ No Size of gravel: 3/4 - 1
Gravel placed from 38 ft. to 163 ft.

(10) LOCATION OF WELL:
County Marion Driller's well number 7708
¼ ¼ Section 11 T. 6S R. 1W 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 19½ ft. below land surface. Date 3-18-77
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing See sheet Attached
Depth drilled 486 ft. Depth of completed well 486 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
*See sheet attached			

Work started 4-9 19 76 Completed 3-23 19 77
Date well drilling machine moved off of well 3-23 19 77

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] Mike Schneider Date 3-28, 19 77
(Drilling Machine Operator)
Drilling Machine Operator's License No. 212

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 Star Rt., Box 97, St. Paul, Ore. 97137
[Signed] Mike Schneider
(Water Well Contractor)
Contractor's License No. 387 Date 3-28, 19 77

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

#7707

Mt. Angel Abbey

EXPLANATION OF TYPE OF DRILLING & WELL DIAMETERS

0 - 163' drilled with reverse rotary 32" diameter

163 - 164' drilled with reverse rotary 18" diameter

164 - 223' drilled with air rotary reamed with cable tool 16" dia.

223 - 486' drilled with air rotary reamed with cable tool 12" dia.

(5) CASING INSTALLED

16" from + 18 in. to 63'1" Gage .250

16" from 63'1" to 84'8" Gage .375

16" from 84'8" to 104'8" Gage .250

16" from 104'8" to 124'2" Gage .375

16" from 124'2" to 144'2" Gage .250

16" from 144'2" to 164'1" Gage .375

6" from +6" to 39' Gage .250 (for gravel feed)

7707

Mt. Angel Abbey

Material	From	To
Clay - brown soft	0	15
Gravel - 5"	15	35
Clay - brown soft	35	63
Gravel - 1"	63	68
Clay - brown hard & sticky	68	117
Clay - pink or red with white soft	117	121
Clay - gray & green soft	121	138
Clay - gray & green & white soft	138	160
Rock - gray basalt	160	163
Rock - dark basalt hard	163	172
Basalt - grey & brown weathered porous w/ crevices streaks of harder rock	172	183
Basalt - black medium hard	193	194
Basalt - dark soft	194	195
Basalt - black medium hard (somewhat porous)	195	196
Baslat - black hard	196	199
Basalt - colored porous soft	199	204
Basalt - weathered medium hard (crevices)	204	205
Basalt - black hard	205	217
Basalt - dark grey soft	217	218
Basalt - grey hard	218	232
Basalt - grey medium hard (somewhat porous)	232	236
Sandstone - black	236	240
Shale - grey hard	240	240½
Basalt - black medium hard	240½	243
Basalt - soft porous w/ crevices	243	247
Claystone - grey soft	247	253
Stone - green & gray shale like	253	260
Stone - white grey shale like	260	264
Stone - mixed shale like	264	268
Rock - lava like porous hard	268	269
Basalt - dark hard	269	284
Basalt - dark grey w/ crevices soft	284	291
Basalt - grey periodic crevices soft - hard	291	309
Basalt - dark grey to black hard w/ occasional soft spot	309	321
Rock - green porous soft igneous	321	329
Rock - black w/ green streaks hard	329	337
Rock - dark grey w/ green streaks hard	337	340
Rock - grey porous weathered hard	340	349
Basalt - dark grey hard	349	369
Basalt - black w/ occasional crevices	369	386
Basalt - black	386	395
Basalt - scoriaceous, black	395	405
Basalt - black soft; streaks of green shale	405	409
Basalt - scoriaceous, black, soft; H_2O, approx 100 gpm more	409	446
Basalt - black, moderately hard	446	448
Basalt - black, moderately hard, broken; H_2O approx. 100 gpm more	448	456
Basalt, black	456	486