

RECEIVED

OBSERVATION WELL

MULT 2743

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM 10, OREGON within 30 days from the date of well completion.

JUN 15 1962

WATER WELL REPORT

STATE ENGINEER OF OREGON (Please type or print) well # SALEM, OREGON

State Well No. 111-3 M(1)

State Permit No.

(1) OWNER: Name PACIFIC NORTHWEST BELL TELEPHONE CO. Address 529 S.W. OAK ST. PORTLAND ORE

(2) LOCATION OF WELL: See Appl # 2238 County Multnomah Driller's well number 1/4 1/4 Section T. R. W.M. Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check): New Well X Deepening Reconditioning Abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check): Domestic Industrial Municipal Irrigation Test Well Other X (5) TYPE OF WELL: Rotary Cable Dug Driven Jetted Bored

(6) CASING INSTALLED: 16" Diam. from 0 ft. to 224 ft. Gage 375

(7) PERFORATIONS: Perforated? Yes X No Type of perforator used STAR Size of perforations 3/8 in. by 1 1/4 in. 840 perforations from 206 ft. to 220 ft. 600 perforations from 185 ft. to 195 ft. 480 perforations from 175 ft. to 181 ft.

(8) SCREENS: Well screen installed Yes No X Manufacturer's Name Model No. Slot size Set from ft. to ft. Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION: Well seal—Material used in seal CEMENT GROUT Depth of seal 55 ft. Was a packer used? No Diameter of well bore to bottom of seal in. Were any loose strata cemented off? Yes No X Depth Was a drive shoe used? Yes X No Was well gravel packed? Yes X No Size of gravel: Gravel placed from ft. to ft. Did any strata contain unusable water? Yes No X Type of water? Depth of strata Method of sealing strata off

(10) WATER LEVELS: 11014 Static level 170 ft. below land surface Date 5/31/62 Artesian pressure lbs. per square inch Date

(11) WELL TESTS: Drawdown is amount water level is lowered below static level (Was a pump test made?) Yes X No If yes, by whom? Yield: 440 gal./min. with 90 ft. drawdown after 24 hrs. Baller test gal./min. with ft. drawdown after hrs. Artesian flow s.p.m. Date Temperature of water 55 Was a chemical analysis made? Yes X No

(12) WELL LOG: Diameter of well below casing 16 Depth drilled 240 ft. Depth of completed well 240 ft. Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with columns MATERIAL, FROM, TO. Rows include: FILL (0-7), FINE YELLOW SAND AND SILT (7-89), CEMENTED GRAVEL (89-103), SAND AND GRAVEL CLAY BINDER (103-119), GRAVEL AND SMALL Boulders (119-139), SAND AND GRAVEL SOME CLAY (139-168), WATER BEARING SAND AND GRAVEL (168-223), BLACK ROCK (223-234), BROWN MED. HARD ROCK (234-240)

RECEIVED

FEB 01 2010

WATER RESOURCES DEPT SALEM, OREGON

Work started APR. 23 1962 Completed JUNE 13 1962 Date well drilling machine moved off of well JUNE 13 1962

(13) PUMP: Manufacturer's Name Type: H.P.

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 RJ STRASSER DRILLING CO (Person, firm or corporation) Address 810 SE SUNSET LANE PORT. ORE

Drilling Machine Operator's License No. [Signed] Paul D. Refman (Water Well Contractor) Contractor's License No. 10 Date June 14 1962

NOTICE TO WATER WELL CONTRACTOR

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

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

RECEIVED MAY 7 1968 STATE ENGINEER SALEM, OREGON

WATER WELL REPORT MULT 2749

State Well No. 111-4 H State Permit No.

(1) OWNER:

Name PORTLAND STATE COLLEGE Address 1809 S.W. 6TH AVE. PORTLAND, ORE.

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

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

(4) PROPOSED USE (check):

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

CASING INSTALLED:

12" Diam. from 0 ft. to 140 ft. Gage 330 12" Diam. from 155 ft. to 170 ft. Gage 330

PERFORATIONS:

Perforated? [] Yes [X] No. Type of perforator used Size of perforations in. by in.

(7) SCREENS:

Well screen installed? [X] Yes [] No Manufacturer's Name EDWARD E JOHNSON Type STAINLESS STEEL Model No. Diam. 1 1/2 in. Slot size 100 Set from 140 ft. to 150 ft.

(8) WATER LEVEL: Completed well.

Static level 137 ft. below land surface Date 4/6/68 Pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [X] Yes [] No If yes, by whom? STRASSER Yield: 560 gal./min. with 9 ft. drawdown after 6 hrs. 400 " 6 " 1 " 300 " 4 " 1 "

(10) CONSTRUCTION:

Well seal—Material used CEMENT Depth of seal 32 FEET Diameter of well bore to bottom of seal 20 in. Were any loose strata cemented off? [] Yes [X] No Depth Was a drive shoe used? [X] Yes [] No Did any strata contain unusable water? [] Yes [X] No Type of water? depth of strata T 11014 Method of sealing strata off Was well gravel packed? [] Yes [X] No Size of gravel: Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County MULT Driller's well number 4272 SE 1/4 NE 1/4 Section 4 T. 15 R. 1E W.M. Bearing and distance from section or subdivision corner

(12) WELL LOG:

BACKFILLED UP TO 170 Diameter of well below casing Depth drilled 318 ft. Depth of completed well 170 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 as drilling proceeds. Note drilling rates.

Table with columns: MATERIAL, From, To, SWL. Rows include: HARD PACKED SAND (0-69), LIGHT BROWN SANDY SILT (69-97), CEMENTED GRAVEL (97-119), SAND GRAVEL AND CLAY (119-123), SOFT CEMENTED GRAVEL (123-135), LOOSE SAND AND GRAVEL (135-154), CEMENTED GRAVEL (154-159), SAND, GRAVEL AND SILT (159-217), CEMENTED GRAVEL (217-219), GREY AND GREEN CLAY (219-232), BROWN CLAY (232-240), SMALL GRAVEL SAND AND CLAY (240-262), GREY SANDSTONE (262-268), SOFT CEMENTED GRAVEL (268-275), SANDSTONE (275-286), CLAY AND GRAVEL (286-298)

RECEIVED

FEB 01 2010

WATER RESOURCES DEPT SALEM, OREGON

Work started JAN 15 1968 Completed APR 12 1968 Date well drilling machine moved off of well APR 11 1968

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] Robert L. Strasser Date 5/3 1968 (Drilling Machine Operator)

Drilling Machine Operator's License No. 54

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.

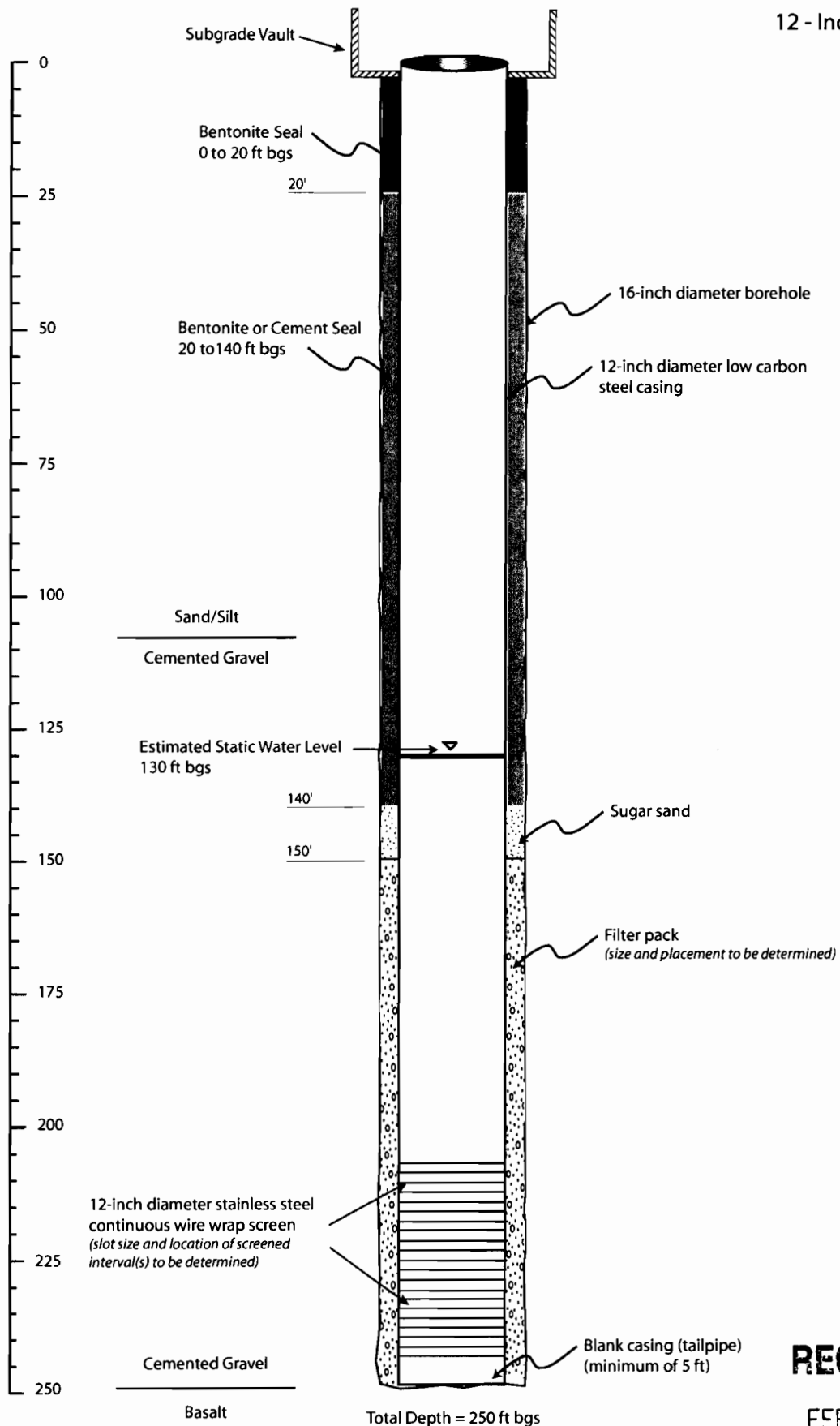
NAME R J STRASSER DRILLING CO (Person, firm or corporation) (Type or print)

Address 8110 SE SUNSET LANE PORTLAND ORE

[Signed] Robert L. Strasser (Water Well Contractor)

Contractor's License No. 10 Date APR 23 1968

12 - Inch Production Well



Note:
bgs = below ground surface
ft = feet

RECEIVED

FEB 01 2010

WATER RESOURCES DEPT
SALEM, OREGON

T 11014



DATE: October 2009
DESIGN: EC
PROJECT No. 292.002
SCALE: not to scale

Figure 2
Production Well Schematic (Schedule B)
Science Building 2