

RECEIVED MULT 1131

1W/2E-15ba

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

JUN 7 1985

WATER RESOURCES DEPT

PLEASE TYPE or PRINT IN INK

MULT 1131

(for official use only)

(1) OWNER:

SALEM, OREGON

Name CITY OF PORTLAND Address 1250 SW 5TH AVE City PORTLAND State OREGON

(2) TYPE OF WORK (check):

WELL No. 34

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

(3) TYPE OF WELL:

Rotary Air [] Driven [] Rotary Mud [] Bored [X]

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal [X] Thermal: [] Withdrawal [] Reinjection [] Other: [] Piezometric [] Grounding [] Test []

(10) LOCATION OF WELL by legal description:

County MULTNOMAH NE 1/4 NW 1/4 of Section 15 of Township IN Range 2E, WM. Tax Lot Lot Block Subdivision MAILING ADDRESS OF WELL

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 128 ft. Static level ft. below land surface. Date Artesian pressure 4.5 lbs. per square inch. Date 5/16/85

(12) WELL LOG:

Depth drilled 675 ft. Diameter of well below casing ft. Depth of completed well 667 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.

Table with columns: MATERIAL, From, To, SWL. Content: SEE ATTACHED SHEET

(5) CASING INSTALLED:

Steel Threaded [X] Plastic Welded [X] 24" Diam. from +1 ft. to 270 ft. Gauge .375 20" Diam. from -7 ft. to 460 ft. Gauge .375

LINER INSTALLED:

Steel Threaded [] Plastic Welded []

(6) PERFORATIONS:

Perforated? [] Yes [X] No in. by perforations from ft. to ft.

(7) SCREENS:

Well screen installed? [X] Yes [] No Manufacturer's Name UOP JOHNSON Type STAINLESS STEEL Model No. Diam. SEE ATTACHED SHEET 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? STRASSER Rate: 3200 gal./min. with 160 ft. drawdown after 24 hrs.

(9) CONSTRUCTION:

Special standards: Yes [] No [X] Well seal—Material used CEMENT GROUT Well sealed from land surface to 32 (SEE ATTACHED SHEET) Diameter of well bore to bottom of seal 28 in. Diameter of well bore below seal 24 in. Amount of sealing material 51 sacks [X] pounds [] How was cement grout placed? GROUT WAS PUMPED IN FROM THE BOTTOM UP AS THE TEMPORARY CASING WAS REMOVED Was pump installed? Type HP Depth ft. Was a drive shoe used? [X] Yes [] 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? [] Yes [X] No Size of gravel: Gravel placed from ft. to ft.

Date work started FEB 4, 1985/completed MAY 16, 1985 Date well drilling machine moved off of well JUNE 4, 1985

(unbonded) Water Well Constructor Certification (if applicable):

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

[Signed] Date, 19

(bonded) Water Well Constructor Certification:

Bond 6373796 Issued by FIREMAN'S FUND INS CO (number) (Surety Company Name) On behalf of ROBERT L. STRASSER (type or print name of Water Well Constructor)

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

(Signed) Robert L. Strasser (Water Well Constructor) (Dated) JUNE 6, 1985

NOTICE TO WATER WELL CONSTRUCTOR The original and first copy of this report are to be filed with the

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

SP*46866-690

*R. J. Strasser Drilling Co.*8110 S.E. Lindy Ave.
Portland, Oregon 97206

May 21, 1985

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Log of well #34

brown sand	0 - 4
grey sandy silt	4 - 16
grey silty clay	16 - 38
grey sandy clay	38 - 128
sand and some gravel	128 - 174
gravel and sand	174 - 194
packed sand and clay	194 - 212
medium soft sandstone	212 - 224
grey and green clay, some gravel	224 - 246
grey clay	246 - 262
green clay	262 - 266
grey siltstone and clay	266 - 281
grey and brown silty clay	281 - 290
brown siltstone	290 - 294
grey silt with sand seams	294 - 301
sticky green clay	301 - 313
grey sandy clay	313 - 318
grey sandy silt	318 - 324
dark grey siltstone	324 - 332
sticky green clay	332 - 334
green and grey clay	334 - 345
grey sandstone	345 - 399
green clay and gravel	399 - 401
sticky green clay	401 - 413
clay and gravel	413 - 427
grey and green clay	427 - 442
grey silty clay	442 - 454
green sandy clay	454 - 464
sand and silt	464 - 496
sand, gravel, and silt	496 - 544
sticky green clay	544 - 550
sandy green clay	550 - 553
silt and sand	553 - 556
green clay	556 - 560
grey silty clay	560 - 571
fine sand	571 - 581
silt, sand, and gravel	581 - 596
clay with gravel seams	596 - 602
clay and silt	602 - 613
grey mudstone	613 - 619
fine silty sand	619 - 638
silty sand, some gravel	638 - 643
sand, gravel, and silt	643 - 653
medium coarse sand	655 - 663
gravel and sand	663 - 675

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WELL NO. 34

(7) SCREENS:

DIAM. <u>12</u>	SLOT SIZE <u>0</u>	SET FROM <u>455</u>	TO <u>480</u>	FT
DIAM. <u>12</u>	SLOT SIZE <u>10</u>	SET FROM <u>480</u>	TO <u>504</u>	FT
DIAM. <u>12</u>	SLOT SIZE <u>20</u>	SET FROM <u>504</u>	TO <u>522</u>	FT.
DIAM. <u>12</u>	SLOT SIZE <u>30</u>	SET FROM <u>522</u>	TO <u>539</u>	FT.
DIAM. <u>12</u>	SLOT SIZE <u>0</u>	SET FROM <u>539</u>	TO <u>583</u>	FT.
DIAM. <u>12</u>	SLOT SIZE <u>12</u>	SET FROM <u>583</u>	TO <u>591</u>	FT.
DIAM. <u>12</u>	SLOT SIZE <u>0</u>	SET FROM <u>591</u>	TO <u>620</u>	FT.
DIAM. <u>12</u>	SLOT SIZE <u>10</u>	SET FROM <u>620</u>	TO <u>625</u>	FT.
DIAM. <u>12</u>	SLOT SIZE <u>12</u>	SET FROM <u>625</u>	TO <u>657</u>	FT.
DIAM. <u>12</u>	SLOT SIZE <u>0</u>	SET FROM <u>657</u>	TO <u>667</u>	FT.

(9) CONSTRUCTION:

SUBSURFACE SEAL	250-270	- CEMENT GROUT
SUBSURFACE SEAL	440-460	CEMENT GROUT