

WATER WELL CONTRACTOR
 Original and first copy of this report
 to be filed with the
 RESOURCES DEPARTMENT
 SALEM, OREGON 97310
 30 days from the date
 well completion.

RECEIVED
WATER WELL REPORT
MULT
1190
AUG 7 1980
STATE OF OREGON
 (Please type or print)
 (Do not write above this line)

State Well No. IN/2E-24AA#
 State Permit No. G 8755

OWNER:
 Name CITY OF PORTLAND, Bureau of Water Works
 Address 1800 S.W. 6th Ave., Portland, OR

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

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

(5) CASING INSTALLED: Threaded Welded
 20" Diam. from 0 ft. to 73 ft. Gage 0.375"
 16" Diam. from 10 ft. to 400 ft. Gage 0.375"
 " Diam. from " ft. to " ft. Gage "

(6) PERFORATIONS: Perforated? Yes No.
 Type of perforator used _____
 Size of perforations in. by in.
 perforations from ft. to ft.
 perforations from ft. to ft.
 perforations from ft. to ft.

(7) SCREENS: Well screen installed? Yes No
 Manufacturer's Name U.O.P. Johnson
 Type Wire Wrap-Stainless Steel 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? Layne-Western
 Rate: 2400 gal./min. with 80 ft. drawdown after 3 hrs.
 " " " " "
 " " " " "
 Bailor test gal./min. with ft. drawdown after hrs.
 Minimum flow 300 g.p.m.
 Temperature of water 55° Depth artesian flow encountered 224 ft.

(9) CONSTRUCTION:
 Well seal—Material used High early strength cement
 Well sealed from land surface to 400 ft.
 Diameter of well bore to bottom of seal 24" X 19 in.
 Diameter of well bore below seal 13 in.
 Number of sacks of cement used in well seal 600 sacks
 How was cement grout placed? Pumped

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
 Did any strata contain unusable water? Yes No
 Type of water? Potable depth of strata _____
 Method of sealing strata off _____
 Was well gravel packed? Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:
 County Multnomah Driller's well number 1B
NE ¼ NE¼ Section 24 T. 1N R. 2E W.M.
 Bearing and distance from section or subdivision corner
1230 feet west X 520 feet south of NE corner of Section 24

(11) WATER LEVEL: Completed well.
 Depth at which water was first found 224 ft.
 Static level _____ ft. below land surface. Date _____
 Artesian pressure 5 lbs. per square inch. Date 7/11/80

(12) WELL LOG: Diameter of well below casing 0
 Depth drilled 531 ft. Depth of completed well 531 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
Silty clay	0		20
Silty sand	20		54
Gravel, cobbles & boulders, some sand	54		114
Clay	114		128
Clay	128		131
Sand	131		138
Sand with clay interbeds	138		197
Clay	197		224
Sandstone (water bearing)	224		242
Clay	242		254
Sandstone (water bearing)	254		287
Gravel & sand (water bearing)	287		326
Sandstone (water bearing)	326		329
Sand & silt, grey	329		332
Gravel & sand, grey	332		335
Silty sand, grey	335		345
Silt & clay, grey	345		412
Sand & Gravel, grey	412		531

Work started 5-26 1980 Completed 7-11 1980
 Date well drilling machine moved off of well 7-11 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 beliefs.
 [Signed] Charles Bott Date 7/30, 1980
 (Drilling Machine Operator)
 Drilling Machine Operator's License No. 1313

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 J.R. Baker - Layne Western Company, Inc.
 (Person, firm or corporation) (Type or print)
 Address P.O. Box 336, Moses Lake, WA 98837
 [Signed] _____ (Water Well Contractor)
 Contractor's License No. 735 Date 7/30, 1980

*SEE ATTACHED

WATER WELL REPORT

State of Oregon

State Well No. IN/2E 24AAW
 State Permit No. G8755

Owner: City of Portland
 Bureau of Water Works
 1800 S.W. 6th Ave.
 Portland, OR 97201

Continuation of Item No.7 - SCREENS:

<u>DIAMETER</u>	<u>SLOT SIZE</u>	<u>SET (from - to) FEET</u>
12"	Blank	397'4" - 407'8"
12" Telescope	10	407'8" - 413
12" Telescope	20	413 - 414
12" Telescope	40	414 - 415
12" Telescope	15	415 - 419
12" Telescope	12	419 - 423
12" Telescope	25	423 - 424
12" Telescope	50	424 - 425
12" Telescope	20	425 - 426
12" Telescope	12	426 - 431
12" Telescope	20	431 - 432
12" Telescope	10	432 - 436
12" Telescope	20	436 - 440
12" Telescope	80	440 - 446
12" Telescope	20	446 - 450
12" Telescope	40	450 - 451
12" Telescope	12	451 - 457
12" Telescope	25	457 - 458
12" Telescope	50	458 - 460
12" Telescope	10	460 - 479
12" Telescope	15	479 - 483
12" Telescope	30	483 - 490
12" Telescope	60	490 - 491
12" Telescope	80	491 - 493
12" Telescope	160	493 - 495
12" Telescope	80	495 - 496
12" Telescope	30	496 - 500
12" Telescope	60	500 - 501
12" Telescope	80	501 - 503
12" Telescope	30	503 - 507
12" Telescope	25	507 - 510
12" Telescope	30	510 - 511
12" Telescope	60	511 - 512
12" Telescope	120	512 - 513
12" Telescope	210	513 - 515
12" Telescope	15	515 - 517
12" Telescope	12	517 - 518'8"
12"	Blank	518'8" - 529

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 AUGO 7 1980
 WATER RESOURCES DEPT
 SALEM, OREGON

1n/2E-24aab

Layne-Western Company, Inc.

P.O. Box 336/Dover Street at 24th Street/Moses Lake, Washington 98837/Phone: 509/762-5308

July 30, 1980

RECEIVED

AUG 7 1980

**WATER RESOURCES DEPT.
SALEM, OREGON**

State of Oregon
Water Resources Department
Salem, OR 97310

RE: City of Portland; State Permit No. G8755

Gentlemen:

Enclosed you will find the original and first copies for water well reports for wells 1B and 3B, for the above referenced owner.

I am also enclosing a copy of a previous water well report that we submitted to you. The State Well No. 19BCC on this report should be changed to read State Well No. 19BBC.

Thank you for making this correction on your records.

Yours very truly,

J. R. Baker
J. R. Baker
District Manager

JRB:jf
Encls.

** Copy not included*



A Marley Company

WATER SUPPLY SERVICES