

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

RECEIVED

WATER WELL REPORT

MULT
1178

WATER RESOURCES DEPARTMENT, FEB 5 1981 STATE OF OREGON
SALEM, OREGON 97310
within 30 days from the date of well completion.

State Well No. 1N/2E 13CDC
State Permit No. G 8755

(1) OWNER:

Name CITY OF PORTLAND, Bureau of Water Works
Address 1800 S.W. 6th Ave., Portland, OR 97201

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Driven
 Jetted
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
24" Diam. from 0 ft. to 60 ft. Gage .375
18" Diam. from 10 ft. to 467 ft. Gage .375
OSS Diam. from 444 ft. to 484 ft. Gage .188

(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 Division
Type Stainless steel wirewrap Model No.
Diam. 12" ts. Slot size 25 Set from 484 ft. to 558 ft.
Diam. 10 Slot size 0 Set from 558 ft. to 568 ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
a pump test made? Yes No If yes, by whom? Layne-Wes.
Yield: 3000 gal./min. with 167 ft. drawdown after 2 hrs.
" " " " " "
" " " " " "
Artesian flow 300 g.p.m.
Temperature of water Depth artesian flow encountered 469 ft.

(9) CONSTRUCTION:

Well seal—Material used Neat cement
Well sealed from land surface to 465 ft.
Diameter of well bore to bottom of seal 28" & 23" in.
Diameter of well bore below seal 17 1/2 in.
Number of sacks of cement used in well seal 515 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? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel: 16-30
Gravel placed from 446 ft. to 568 ft.

(10) LOCATION OF WELL:

County Multnomah Driller's well number 5
SE 1/4 SW 1/4 Section 13 T. 1N R. 2E W.M.
Bearing and distance from section or subdivision corner 4000 feet west by 150 feet north of Se corner, Section 13

(11) WATER LEVEL: Completed well.

Depth at which water was first found 124 ft.
Static level ft. below land surface. Date
Artesian pressure 5 lbs. per square inch. Date 1/30/81

(12) WELL LOG:

Diameter of well below casing 0
Depth drilled 568 ft. Depth of completed well 568 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
Clay, silty, yellowish brown	0	20	
Silt & clays, dark grey	20	57	
Gravel, cobbles, boulders, brown sand-basalt & quartzite	57	149	
Gravel, cobbles and sand with olive grey clay & silt	149	174	
Clay, olive grey	174	184	
Sand, grey	184	223	
Sand, grey w/ lenses of clay and silt	223	279	
Sand, grey, with clay & silt	279	350	
Basalt & quartzite gravel & cobbles w/ small amount sand	350	369	
Clay, grayish green with sand	369	469	
Sand, fine w/grey silt & clay	469	480	
Sand, black w/gravel	480	561	
Clay & silt, green w/sand	561	568	

Work started 9/19 1980 Completed 1/27 1981
Date well drilling machine moved off of well 1/27 1981

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] Bob Johnson Date 1/30, 1981
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1315

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. J.R. Baker
Name LAYNE-WESTERN CO., INC. District Manager
(Person, firm or corporation) (Type or print)
Address P.O. Box 336, Moses Lake, WA 98837
[Signed] J.R. Baker (Water Well Contractor)
Contractor's License No. 735 Date 1/30, 1981

WATER WELL REPORT

State of Oregon

State Well No. 13CDC
State Permit No. G 8755

OWNER: CITY OF PORTLAND
Bureau of Water Works
1800 S.W. 6th Ave.
Portland, OR 97201

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DEC 18 1980

WATER RESOURCES DEPT
SALEM, OREGON

Continuation of Item No.7 - SCREENS:

<u>DIAMETER</u>	<u>SLOT SIZE</u>	<u>SET (from - to) FEET</u>
5"	Blank	470 - 484
6" Telescope	20	484 - 485
6" "	40	485 - 486
6" "	20	486 - 488
6" "	15	488 - 490
6" "	20	490 - 491
6" "	60	491 - 492
6" "	100	492 - 493
6" "	150	493 - 495
6" "	80	495 - 496
6" "	40	496 - 499
6" "	80	499 - 501
6" "	15	501 - 510
6" "	30	510 - 511
6" "	20	511 - 517
6" "	15	517 - 518
6" "	12	518 - 522
6" "	25	522 - 525
6" "	100	525 - 526
6" "	25	526 - 527
6" "	15	527 - 531
6" "	20	531 - 532
6" "	25	532 - 535
6" "	15	535 - 539
6" "	30	539 - 540
6" "	60	540 - 549
6" "	25	549 - 554
6" "	15	554 - 559
5"	Blank	559 - 568'10"

Layne-Western Company, Inc.
P.O. Box 336
Moses Lake, WA 98837