

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

# WATER WELL REPORT

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

**MULT**

STATE OF OREGON

(Please type or print)

**001261**

(Do not write above this line)

*Driller's Well  
number  
SA  
- Per J.R. Baker*

State Well No. IN/3E - 19 BCE

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 33 ft. Gage 0.375  
16 " Diam. from 10 ft. to 230 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 Layne-

a pump test made?  Yes  No If yes, by whom? Western Co.  
Yield: 2430 gal./min. with 115 ft. drawdown after 4 hrs.  
" " " " " "  
" " " " " "  
Packer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 60° Depth artesian flow encountered \_\_\_\_\_ ft.

### (9) CONSTRUCTION:

Well seal—Material used High early strength cement  
Well sealed from land surface to 230 ft.  
Diameter of well bore to bottom of seal 28 x 22 in.  
Diameter of well bore below seal 12 1/4 in.  
Number of sacks of cement used in well seal 350 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 5B  
SW 1/4 NW 1/4 Section 19 T. IN R. 3E W.M.

Bearing and distance from section or subdivision corner  
200 feet east by 2500 feet south of NW corner  
Section 19

### (11) WATER LEVEL: Completed well.

Depth at which water was first found 30 ft.  
Static level 5 ft. below land surface. Date 9/24/80  
Artesian pressure lbs. per square inch. Date \_\_\_\_\_

### (12) WELL LOG:

Diameter of well below casing 0"

Depth drilled 340 ft. Depth of completed well 340 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	12	
Gravel cobbles boulders with brown sand. Basaltic	12	104	
Sandstone with gravels & blue clay	104	129	
Clay, grey	129	135	
Sand, brown	135	162	
Clay, grey	162	191	
Sand & silt with grey clay	191	234	
Sandstone, black with gravel	234	258	
Sandstone & sand, black	258	260	
Sand, black & gravel	260	328	
Clay, grey	328	340	

**RECEIVED**

OCT 1 1980

WATER RESOURCES DEPT  
SALEM, OREGON

Work started 9/10 19 80 Completed 9/19 1980  
Date well drilling machine moved off of well 9/20 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 belief.

[Signed] J.R. Baker Date 9/29, 19 80  
(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 Mgr.  
(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 9/29, 19 80

\*\* SEE ATTACHED

WATER WELL REPORT

State of Oregon

State Well No. IN/3E - 19 BCC  
State Permit No. G 8755

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" stainless	Blank	226 - 243
12" telescope	15	243 - 246
12" telescope	20	246 - 250
12" telescope	15	250 - 259
12" telescope	20	259 - 261
12" telescope	25	261 - 267
12" telescope	15	267 - 272
12" telescope	25	272 - 274
12" telescope	20	274 - 280
12" telescope	15	280 - 287
12" telescope	10	287 - 299
12" telescope	20	299 - 300
12" telescope	30	300 - 302
12" telescope	15	302 - 309
12" telescope	35	309 - 322
12" telescope	85	322 - 327
12" stainless	Blank	327 - 337
12" backoff & wash down nipple		337 - 340

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

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SALEM, OREGON