

**WATER WELL REPORT**  
STATE OF OREGON

011925

RECEIVED

MAR 26 1981

CLACK

State Well No. 4s/5e-18

WATER RESOURCES DEPT State Permit No. \_\_\_\_\_  
SALEM, OREGON

**(1) OWNER:**

Name Portland General Electric Co.  
Address 121 S. W. Salmon Street  
City Portland State Oregon

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven   
Rotary Mud  Dug   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal: Withdrawal  Reinjection

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded   
....." Diam. from PLUS 1 ft. to ..... ft. Gauge .....250  
....." Diam. from ..... ft. to ..... ft. Gauge .....

**(6) LINER INSTALLED:**

....." Diam. from ..... 88 ft. to ..... 98 ft. Gauge ..... 188

**(7) PERFORATIONS:**

Perforated?  Yes  No  
Type of perforator used Torch  
Size of perforations 1/8 in. by 12 in.  
..... 14 perforations from ..... 92 ft. to ..... 97 ft.  
..... perforations from ..... ft. to ..... ft.  
..... perforations from ..... ft. to ..... ft.

**(8) SCREENS:**

Well screen installed?  Yes  No

Manufacturer's Name .....  
Type ..... Model No. ....  
Diam. .... Slot Size ..... Set from ..... ft. to ..... ft.  
Diam. .... Slot Size ..... Set from ..... ft. to ..... ft.

**(9) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom?  
..... gal./min. with ..... ft. drawdown after ..... hrs.  
.....  
Air test ..... gal./min. with drill stem at ..... ft. .... hrs.  
Bailer test 35 gal./min. with 3 ft. drawdown after 1 hrs.  
Artesian flow ..... g.p.m.  
Temperature of water 53° Depth artesian flow encountered ..... ft.

**(10) CONSTRUCTION:**

Special standards: Yes  No

Well seal—Material used Cement grout  
Well sealed from land surface to ..... 21 ft.  
Diameter of well bore to bottom of seal ..... 10 in.  
Diameter of well bore below seal ..... 6 in.  
Number of sacks of cement used in well seal ..... 15 sacks  
How was cement grout placed? Pumped through a one-inch plastic pipe between the six-inch casing and the ten-inch hole.  
Was pump installed? No Type ..... HP ..... Depth ..... ft.  
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: 3/4 minus  
Gravel placed from ..... 21 ft. to ..... 73 ft.

**(11) LOCATION OF WELL:**

County Clackamas Driller's well number 7-81  
1/4 Section 18 T. 4-S R. 5-E W.M.  
Tax Lot # ..... Lot ..... Blk ..... Subdivision .....  
Address at well location: Promontory Park/along the Clackamas River

**(12) WATER LEVEL: Completed well.**

Depth at which water was first found ..... 72 ft.  
Static level 72 ft. below land surface. Date 3-5-81  
Artesian pressure ..... lbs. per square inch. Date .....

**(13) WELL LOG:**

Diameter of well below casing .....  
Depth drilled 98 ft. Depth of completed well 98 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; brown	0	23	
Clay; broken rock	23	54	
Rock; soft	54	72	
Loose rock and clay	72	98	72

Work started 2-13- 19 81 Completed 3-5- 19 81  
Date well drilling machine moved off of well March 6, 19 81

**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] Ronald F. McConnell Date 3-23, 19 81  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 398

**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 Steinman Bros. Drilling Co. (Type or print)  
(Person, firm or corporation)  
Address 3023 S. E. Holly Ave., Milw., Ore. 97222  
[Signed] Ronald F. McConnell  
(Water Well Contractor)  
Contractor's License No. .... Date March 23, 19 81

NOTICE TO WATER WELL CONTRACTOR  
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\*12658-690