WATER WELL REPORT
STATE OF OREGON

RECEIVED
FEB 5 1981
WATER RESOURCES DEPT
SALEM, OREGON

CLAC 014956

State Well No. 3S-4E-33

State Permit No. .....

(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 ☐
Cable ☒ Bored ☐

(4) PROPOSED USE (check):

Domestic NO ☒ Industrial ☐ Municipal ☒
Irrigation ☐ Test Well ☐ Other ☐
Thermal: Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒

6" Diam. from plus 1 ft. to 88 ft. Gauge .250
..." Diam. from ... ft. to ... ft. Gauge ...

LINER INSTALLED:

5" Diam. from 82 ft. to 122 ft. Gauge .188

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No
Type of perforator used Torch
Size of perforations 1/8 in. by 12 in.
30 perforations from 102 ft. to 121 ft.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.

(7) 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.

WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
Test gal./min. with drill stem at ft. hrs.
Bailer test 24 gal./min. with 93 ft. drawdown after 1 hrs.
Artesian flow g.p.m.
Temperature of water 53° Depth artesian flow encountered ... ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒
Well seal—Material used Cement Grout
Well sealed from land surface to 24 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 17 sacks
How was cement grout placed? Pumped through a one-inch plastic pipe between the ten-inch hole and the six-inch casing.
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 24 ft. to 87 ft.

(10) LOCATION OF WELL:

County Clackamas Driller's well number 3-81
¼ ¼ Section 33 T. 3-S R. 4-E W.M.
Tax Lot # Lot Blk Subdivision
Address at well location: Faraday Hydro Project Headquarters Area

(11) WATER LEVEL: Completed well.

Depth at which water was first found 87 ft.
Static level 18 ft. below land surface. Date 1-21-81
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing --
Depth drilled 122 ft. Depth of completed well 122 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	3	
Gravel and boulders	3	29	
Clay and gravel	29	74	
Clay, gravel and boulders	74	87	
Mudstone; medium-soft, grey	87	122	18

Work started January 12, 1981 Completed January 21, 1981
Date well drilling machine moved off of well January 21, 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] Ronald F. McConnell (Drilling Machine Operator) Date 2-2, 1981
Ronald F. McConnell
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. (Person, firm or corporation) (Type or print)
Address 3023 S. E. Holly Avenue, Milw., Oregon
[Signed] Ronald F. McConnell (Water Well Contractor)
Ronald F. McConnell
Contractor's License No. 1 Date February 2, 1981

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.

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