

NOV 12 1964

WATER WELL REPORT

STATE OF OREGON

MULT

001394

State Well No. IN/3-29

State Permit No.

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

(1) OWNER: Portland Division
Name Electronic Specialty Co.
Address 19000 N.E. SANDY BLVD. (P.O. BOX PORTLAND 20, Oregon 7696)

(2) LOCATION OF WELL:
County Multnomah Owner's number, if any--
1/4 Section Sec 29 T. 1N R. 3E. W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):
New Well [X] Deepening [] Reconditioning [] Abandon []
If abandonment, describe material and procedure in Item 11.

PROPOSED USE (check):
Domestic [] Industrial [X] Municipal []
Irrigation [] Test Well [] Other []
(5) TYPE OF WELL:
Rotary [] Driven []
Cable [X] Jetted []
Dug [] Bored []

(6) CASING INSTALLED:
12" Diam. from 0 ft. to 16 1/2 ft. Gage 0.275
10" Diam. from 160 ft. to 297 ft. Gage 0.250

(7) PERFORATIONS:
Type of perforator used 12" w/ 1/4 way drive down 3/8"
SIZE of perforations 10" w/ torch 1/2" x 6" in.
12" 120 perforations from 157 ft. to 162 ft.
30 30 perforations from 170 ft. to 176 ft.
30 30 perforations from 186 ft. to 192 ft.
30 30 perforations from 202 ft. to 208 ft.
30 30 perforations from 218 ft. to 224 ft.
30 30 perforations from 234 ft. to 240 ft.
30 30 perforations from 250 ft. to 256 ft.

(8) SCREENS:
Well screen installed [] Yes [X] No
Manufacturer's name 35 Perf. from 266' to 272'
Type 35 Model No. 282
Diam. Slot size Set from ft. to ft.
In. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Was well gravel packed? [] Yes [X] No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? [X] Yes [] No To what depth? 35 ft.
Material used in seal— Sand, cement & Bentonite
Did any strata contain unusable water? [] Yes [X] No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 71 ft. below land surface Date
Artesian pressure lbs. per square inch Date
Log Accepted by:
[Signed] Date 19__

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level Bottner
Was a pump test made? [X] Yes [] No If yes, by whom Drilling Co.
Yield: 250 gal./min. with 22 ft. drawdown after 2 hrs.
" 325 " " 30 " " 6 "

Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water 55° Was a chemical analysis made? [] Yes [X] No

(12) WELL LOG:
Diameter of well 12 inches.
Depth drilled 297 ft. Depth of completed well Back filled w/ crushed rock to 285 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with columns MATERIAL, FROM, TO. Rows include Boulders, real large (0-37), Gravel, cemented (37-90), Gravel, loose (water brg. approx., 30gpm, static dropped from 18' to 50') (90-98), Gravel, mdm. mixed w/ B. clay (98-101), Clay, blue (101-160), Rock, black, mdm. soft w/water seams (160-244), Gravel, coarse, mixed w/sand (244-270), Gravel, tight, water bearing (270-282), Clay, blue (282-297).

***** Note:
To dev. well by test pumping, encountered real real fine powdery sand pumped 2 30 to 400 gpm for 5 days, no improvement. Sand too fine to recommend for a screen. Inst. Ruled pump, run 2 1/2" pipe down to 290' and run, city water pressure to back wash the coarse sand to off set the fine. Installed test pump, pumped for 8 hrs. @ 325 GPM crystal clear w/very few grains of sand, approved and accepted by the engineers and the customer. *****

Work started June 23 1964. Completed 9/16/64 19
Date Drlg. Mach moved 9/21/64
(13) PUMP:

Manufacturer's Name
Type: H.P.

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME HAAKON BOTTNER DRILLING CO.
(Person, firm, or corporation) (Type or print)
Address 3424 S.E. 174th. Ave. Portland Ore

Driller's well number
[Signed] H. Bottner (Well Driller)
License No. 109 Date 19__