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STATE ENGINEER

OBSERVATION WELL **MULT**

WATER WELL REPORT

STATE OF OREGON

002164

1/3-10 N

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

State Permit No. G-1223

(1) OWNER:
Name Forest Lawn Memorial Park
Address P.O. Box 166 Gresham Oregon

(2) LOCATION OF WELL:
County Mult Owner's number, if any—
SW 1/4 SW 1/4 Section 10 T. 15 R. 3E W.M.
Bearing and distance from section or subdivision corner
1200 feet North E 750 feet east from SW corner of Section 10

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):
Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:
Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:
16" Diam. from 0 ft. to 480 ft. Gage 3/8 wall
12" Diam. from 476 ft. to 715 ft. Gage 5/16"

(7) PERFORATIONS:
Type of perforator used Star 4 way drive down
SIZE of perforations 3/8 in. by 1 1/4 in.
168 perforations from 235 ft. to 242 ft.
120 perforations from 360 ft. to 365 ft.
120 perforations from 415 ft. to 420 ft.
12" Liner perforations from 628 ft. to 697 ft.

(8) SCREENS:
Well screen installed Yes No
Note: 12" liner welded solid plate & to keep clay from falling down
welded a flared out to 1 1/4 inches skirt like
Slot size Set from ft. to ft.
Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? 70 ft.
Material used in seal— sand, gravel & cement
Did any strata contain unusable water? Yes No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 98 ft. below land surface Date 3/1/59
Artesian pressure lbs. per square inch Date

Log Accepted by:
[Signed] _____ Date _____, 19____
(Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level Bottner
Was a pump test made? Yes No If yes, by whom? Drilling Co
Yield: 303 gal./min. with 40 ft. drawdown after 1 hrs.
" 355 " 78 " 4 "
" 480 " 81 " 1 "
Packer test 630 gal./min. with 114 ft. drawdown after 4 hrs.
Artesian 700 (Clear) 118 (sand free) 4 "
Temperature of water 45. Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well 16 inches.
Depth drilled 715 ft. Depth of completed well 715 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.

MATERIAL	FROM	TO
Top soil & yellow clay	0	5
Yellow clay & dirty gravel	5	17
Small boulders	17	27
Yellow Clay	27	30
Cemented Gravel	30	57
Yellow clay	57	61
Cemented gravel	61	179
Gravel & sand	179	185
Cemented gravel	185	201
Very hard gravel	201	203
Cemented Gravel (approx 60gpm)	203	245
Yellow Clay	245	249
Cmtd. Grv. (cavey spots)	249	367
Yellow clay	367	398
Blue clay	398	565
Blk. soft lava rock	565	628
" " " " (water bearing)	628	642
Cmtd. Gr. w/cavities	642	697
Blue clay	697	712
Sand stone (real hard)	712	714
Blue clay	714	715

Work started Nov. 10 19 58 Completed March 1 19 59

(13) PUMP: SOLD & INSTALLED 8 stage 10" 1BH
Manufacturer's Name BYRON JACKSON
Type: SUBMERSIBLE H.P. 40

Well Driller's Statement: Installed June 23 59
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME HAakon I. BOTTNER DRILLING CO.
(Person, firm, or corporation) (Type or print)
Address 11544 N. E. GLISAN ST.
PORTLAND 20, Oregon (Alpine
Driller's well number 3-3606
[Signed] H. Bottner
(Well Driller)
License No. 109 Date July 10, 19 59