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STATE ENGINEER,
SALEM, OREGON

WATER WELL REPORT

State Well No. _____

STATE OF OREGON

State Permit No. G-11143

(1) OWNER:

Name WALTER MARK GARDENS
Address BORING, OREGON

(2) LOCATION OF WELL:

County Clackamas Owner's number, if any _____
1/4 1/4 Section T. R. W.M.
Bearing and distance from section or subdivision corner _____

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded
16 " Diam. from 0 ft. to 438 ft. Gage 3/8
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used Star 4 way drive down
SIZE of perforations 3/8 in. by 1 1/2 in.
240 perforations from 351 ft. to 361 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ 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) 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? 60 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 118 ft. below land surface Date 3/20/59
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 DRILLING CO.**

Was a pump test made? Yes No If yes, by whom? Company
Yield: 250 gal./min. with 3 ft. drawdown after 1 hrs.
" 300 " " 6 " " 2 "
" 400 " " 13 " " 3 "
" 500 " " 21 " " 5 "
Bailer test 300 gal./min. with 30 ft. drawdown after 5 hrs.
Artesian 700 g.p.s. (Date 3/20/59) 4 "
Temperature of water 46° Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 16 inches.

Depth drilled 452 ft. Depth of completed well 452 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	0	4
Red clay	4	21
Yellow clay & sand	21	47
Boulders	47	54
Yellow clay & gravel	54	67
Gravel	67	69
Yellow clay & gravel	69	75
Boulders & clay	75	86
Sand & gravel	86	95
Sand stone	95	100
Gravel	100	110
Cemented Gravel	110	120
Gravel (Approx 30 GPM Water)	120	125
Yellow sand & clay	125	127
Sandstone	127	130
Loose Gravel (approx 20GPM water)	130	140
Gravel boulders & Clay	140	167
Brown clay	167	170
Brown clay & gravel	170	187
Brown clay	187	190
Clay & gravel	190	200
Cemented gravel	200	208
Brown clay	208	224
Cemented gravel	224	234
Yellow clay	234	239 (Cont)

Work started December 19 58 Completed March 23 19 59 see _____

(13) PUMP:

attached sheets

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 I. BOTTNER DRILLING CO.
(Person, firm, or corporation) (Type or print)

Address 11504 N. E. GLISAN ST.
PORTLAND 20, OREGON
Driller's well number _____

[Signed] H. I. Bottner
(Well Driller)

License No. 109 Date May 1st, 1959

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 STATE ENGINEER

WATER WELL REPORT
STATE OF OREGON

1/3-36
 2/3-1
 State Well No. _____
 State Permit No. G-11143

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

(1) OWNER:
 Name WALTER MARX GARDENS
 Address _____

(2) LOCATION OF WELL:
 County _____ Owner's number, if any— _____
 1/4 Section T. R. W.M.
 Bearing and distance from section or subdivision corner _____

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

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

(6) CASING INSTALLED: Threaded Welded
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

(7) 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.
 _____ perforations from _____ ft. to _____ ft.

(8) SCREENS: Well screen installed Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 Di. m. 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? _____ ft.
 Material used in seal— _____
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(10) WATER LEVELS:
 Static level _____ ft. below land surface Date _____
 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
 Was a pump test made? Yes No If yes, by whom? _____
 Yield: gal./min. with ft. drawdown after hrs.
 " " " " "
 " " " " "
 Bailer test gal./min. with ft. drawdown after hrs.
 Artesian flow g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well _____ inches.
 Depth drilled _____ ft. Depth of completed well _____ 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	
Cemented gravel	239	243	
Yellow Clay	243	261	
Sand & Yellow Clay	261	285	
Yellow Clay	285	294	
Blue Clay	294	297	
Sand	297	308	
Gray Clay	308	340	
Sand	340	344	
Blue Clay	344	349	
Gravel (loose water bearing)	349	361	
Blue Clay	361	370	
Gray Clay	370	385	
Sandstone	385	388	
White Clay & Sand	388	400	
Sandstone	400	408	
Gray Clay	408	414	
Sandstone	414	423	
Green Clay	423	425	
Black Sand	425	431	
Green Shale	431	433	
Gravel	433	435	
Black sand	435	437	
Black soft rock (water bearing)	437	452	
Green Shale	452		
Work started	19	Completed	19

(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 I. BOTTNER DRILLING CO.
 (Person, firm, or corporation) (Type or print)
 Address 11544 N. E. GLISAN ST.
PORTLAND 20, OREGON
 Driller's well number _____
 [Signed] H. Bottner
 (Well Driller)
 License No. 109 Date May 1st., 1959