

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

WATER WELL REPORT

RECEIVED
JAN 9 1968

2/16-10

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

Well #4
WASH

STATE OF OREGON
(Please type or print)
STATE ENGINEER
SALEM, OREGON

011591

Deepening

(1) OWNER:

Name **TIGARD WATER DISTRICT**
Address **8841 S.W. COMMERCIAL ST**
TIGARD, OREGON 97223

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? Yes No
Type of perforator used

Size of perforations	in.	by	in.
..... perforations from	ft. to
..... perforations from	ft. to
..... perforations from	ft. to
..... perforations from	ft. to
..... perforations from	ft. to

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name

(8) WATER LEVEL: Completed well.

Static level **268** ft. below land surface. Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? **Bottner Drilling**

Yield:	gal./min. with	ft. drawdown after	hrs.
230	142	4	4
265	209	8	"
305	259	7	"

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

(10) CONSTRUCTION:

Well seal—Material used

Depth of seal ft.

Diameter of well bore to bottom of seal in.

Were any loose strata cemented off? Yes No Depth

Was a drive shoe used? Yes No

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:

Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County **Washington** Driller's well number

$\frac{1}{4}$ N., $\frac{1}{4}$ Section **10** T. **2S** R. **1W** W.M.

Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing to bottom **12" to 765' --- 10" from 765'**

Depth drilled **197** ft. Depth of completed well **925** 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Basalt, black hard	725	746	
" gray, softer	746	761	
" black, hard	761	798	
" brown, soft	798	802	
" black, hard	802	837	
Clay, white	837	839	
Rock, gray Mdm. hard	839	846	
Basalt, black, hard	846	895	
" black, softer	895	906	
Rock, black w/ clay seams	906	914	
Rock, black broken			
caving	914	925	

Work started **May 8** 19**67** Completed **Sept. 26** 19**67**
Date well drilling machine moved off of well **Sept. 29** 19**67**

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] **H. Bottner** Date, 19.....
(Drilling Machine Operator)

Drilling Machine Operator's License No. **246, 463, 431**

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 **HAAKON BOTTNER DRILLING COMPANY**
(Person, firm or corporation) (Type or print)

Address **3424 S.E. 174 th. AVENUE**
PORTLAND, ORE.

[Signed] **Haakon Bottner**
(Water Well Contractor)

Contractor's License No. **109** Date **Oct. 31**, 19**67**