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 STATE ENGINEER  
 SALEM, OREGON

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WATER WELL REPORT

Well No. ....

STATE OF OREGON

State Permit No. ....

(1) OWNER:

Name **WALTER W. ASAKAWA**  
 Address **RT. 2 Box 975 (SWEETBRIER RD) Troutdale, OREGON 97133**

(2) LOCATION OF WELL:

County **MULTNOMAH** Owner's number, if any—  
 1/4 Section **1 RT. 3 E R. 1 S 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  Driven   
 Cable  Jetted   
 Dug  Bored

(6) CASING INSTALLED:

Threaded  Welded   
 10" Diam. from 0 ft. to 260 ft. Gage 5/16  
 8" Diam. from 250 ft. to 350 ft. Gage 5/16  
 " Diam. from ..... ft. to ..... ft. Gage .....

(7) PERFORATIONS:

Perforated?  Yes  No  
 Type of perforator used **(10" Mills Knives) 8" Torch**  
 SIZE of perforations **1 1/2 x 1/4 in. by 1/4 x 6"**  
 72 perforations from 170-176 ft. to (42 Per. ft.)  
 192 perforations from 190-206 ft. to (338-345) ft.  
 36 perforations from 249-252 ft. to (60perf. ft.)  
 perforations from ..... ft. to (290-300) ft.  
 perforations from ..... ft. to (120 perf. ft.)  
**(250-270)**

(8) SCREENS:

Well screen installed  Yes  No

Manufacturer's Name .....  
 Type ..... Model No. ....  
 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? **28 32'**  
 Material used in seal **Cement, Sand & Gravel**  
 Did any strata contain unusable water?  Yes  No  
 Type of water? ..... Depth of strata .....  
 Method of sealing strata off .....

(10) WATER LEVELS:

Static level **230** 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? **Bottner Dr.**  
 Yield: **180** gal./min. with **28** ft. drawdown after **6** hrs.  
 " **210** " " **37** " " **8** "  
 " " " " " " " "  
 Bailer test gal./min. with ft. drawdown after hrs.  
 Artesian flow g.p.m. Date

Temperature of water **52.0** Was a chemical analysis made?  Yes  No

(12) WELL LOG:

Diameter of well **10** inches

Depth drilled **440** ft. Depth of completed well **350** ft.  
**Back filled to 350**

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
Sandy Clay	0	27
Grey Sand	27	54
Blue Clay	54	63
Fine Grey Sand	63	68
Blue Clay	68	79
Cemented Gravel	79	121
Blue Clay	121	139
Yellow Clay	139	151
Yellow Sand Stone w/Emb.Grv.	151	174
Gravel & Coarse Sand (water B)	174	186
Gravel (Some water B) approx	186	207
Gravel & Brown Clay <b>100 gpm</b>	207	218
Fine & Coarse Sand	218	235
Cemented Gravel <b>249 to 252</b>	235	307
Grey Clay <b>(seams of wtr)</b>	307	339
Cemented Gravel <b>(seams w/ wtr)</b>	339	347
Red Clay	347	367
Rock (Bed) (No Water)	367	374
BLUE Clay	374	440

SAND FREE & CRYSTAL CLEAR

Work started **Sept. 11 1961** Completed **Dec. 18 1961**

(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 **11544 N. E. GLISAN ST. PORTLAND ORE.**

Driller's well number .....

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

License No. **109** Date ....., 19.....