

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

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

# RECEIVED WATER WELL REPORT

STATE OF OREGON  
(Please type or print)  
AUG 25 1977  
(Do not write above this line)

Wash  
1819

State Well No. 25/1W-32dc  
State Permit No. \_\_\_\_\_

## WATER RESOURCES DEPT.

### (1) OWNER: SALEM, OREGON

Name E.L. HOFFMAN  
Address RT 2, Sherwood, Ore.  
Box 12A

### (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 0 ft. to 70 ft. Gage 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

### 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.

### (7) 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.

### (8) WELL TESTS:

Drawdown is amount water level is  
lowered below static level

Was a pump test made?  Yes  No If yes, by whom? Operator  
Yield: 80 gal./min. with 210 ft. drawdown after 2 hrs.  
AIR "41 FT" " " "  
" " " " "  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.

Temperature of water 52° Depth artesian flow encountered \_\_\_\_\_ ft.

### (9) CONSTRUCTION:

Well seal—Material used Cement Grout  
Well sealed from land surface to 70 ft.  
Diameter of well bore to bottom of seal 9 in.  
Diameter of well bore below seal 6 in.  
Number of sacks of cement used in well seal 14 sacks  
How was cement grout placed? Poured

Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.

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.

### (10) LOCATION OF WELL:

County WASH Driller's well number 590  
SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  Section 32 T. 25 R. 1W W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

### (11) WATER LEVEL: Completed well.

Depth at which water was first found 410 ft.  
Static level 114 ft. below land surface. Date 8-1-77  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

### (12) WELL LOG: Diameter of well below casing 6"

Depth drilled 437 ft. Depth of completed well 437 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 and indicate principal water-bearing strata.

| MATERIAL                    | From | To  | SWL |
|-----------------------------|------|-----|-----|
| Brown Soil                  | 0    | 2   |     |
| Red Clay                    | 2    | 12  |     |
| Brown Clay                  | 12   | 38  |     |
| SOFT GRAY BASALT Clay seams | 38   | 62  |     |
| HARD GRAY BASALT            | 62   | 76  |     |
| SOFT GRAY BASALT            | 76   | 102 |     |
| HARD GRAY BASALT            | 102  | 170 |     |
| Brown + GRAY BASALT         | 170  | 253 |     |
| HARD GRAY BASALT            | 253  | 314 |     |
| Brown + GRAY BASALT         | 314  | 346 |     |
| EXTREMELY HARD GRAY BASALT  | 346  | 410 |     |
| GRAY POROUS BASALT (water)  | 410  | 428 | 114 |
| HARD GRAY BASALT            | 428  | 437 |     |

Work started 7-26 1977 Completed 8-1 1977  
Date well drilling machine moved off of well 8-1 1977

### 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] Raymond A. Borchers Date 8-1, 1977  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 305

### 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 Ray Borchers - Well Drilling  
(Person, firm or corporation) (Type or print)

Address RT 3, Box 271A, Sherwood, Ore.

[Signed] Raymond A. Borchers  
(Water Well Contractor)

Contractor's License No. 404 Date 8-1, 1977