

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

**CLACKAMAS WATER WELL REPORT**

**RECEIVED**

5-1E-19

02574

STATE OF OREGON

JAN 29 1976

State Well No. \_\_\_\_\_

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

(Please type or print)

WATER RESOURCES DEPT.

Permit No. \_\_\_\_\_

6-1567

G-2277

(Do not write above this line)

SALEM, OREGON

6-10294

**(1) OWNER:**

Name Hessel Bierma  
Address Rt 2 Box 175 Woodburn, Oregon

**(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

**(5) CASING INSTALLED:**

Threaded  Welded   
" Diam. from \_\_\_\_\_ ft. to 220 ft. Gage 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No.  
Type of perforator used Factory preferred.  
Size of perforations 3/16 in. by 2 1/2 in.  
3925 perforations from 63 ft. to 220 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? 5  
Yield: 400 gal./min. with 170 ft. drawdown after \_\_\_\_\_ hrs.  
" " " " " " " "  
" " " " " " " "  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Cement  
Well sealed from land surface to 20 ft.  
Diameter of well bore to bottom of seal 24 ft.  
Diameter of well bore below seal 22 in.  
Number of sacks of cement used in well seal 3yds. sacks  
Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons \_\_\_\_\_ lbs./100 gals.  
of water \_\_\_\_\_  
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: 3/8 Pea  
Gravel placed from 20 ft. to 220 ft.

**(10) LOCATION OF WELL:**

County Clackamas Driller's well number \_\_\_\_\_  
N.E. 1/4 N.E. 1/4 Section 19 T.5 S. R.1 E. W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

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

Depth at which water was first found 30  
Static level 17 ft. below land surface. Date 1/16/76  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing None  
Depth drilled 324 ft. Depth of completed well 220 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
Top soil brn.	0	1	
Sandy subsoil	1	26	
Clay blue hard	26	30	
Sand fine brn.	30	36	
Silt clayey orange	36	39	
Sand fine brn.	39	44	
Gravel cemented med.	44	46	
Sand med brn.	46	67	
Claystone green	67	90	
Siltstone, med & scattered gravel	90	126	
Claystone grey hard	126	169	
Fine sand & streaks of silt W.B.	169	194	
Clay grey sandy	194	226	
Clay grey soft	226	230	
Clay grey sandy	230	234	

Work started 11/12 1975 Completed 1/16 1976  
Date well drilling machine moved off of well 1/16 1976

**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] Charles E. Stadel Date 1/21/76  
(Drilling Machine Operator) \_\_\_\_\_  
Drilling Machine Operator's License No. 84

**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 Stadeli Drilling Co.  
(Person, firm or corporation) \_\_\_\_\_ (Type or print)  
Address Silverton, Or.  
[Signed] Charles E. Stadel  
(Water Well Contractor) \_\_\_\_\_  
Contractor's License No. 519 Date 1/21/76, 19\_\_\_\_