

pg. 1  
State Well No. 3/1W-1ed  
State Permit No.

WASH  
3561

**(1) OWNER:**

Name City of Wilsonville  
Address P.O. Box 155 Wilsonville ORE.

**(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   
12" Diam. from 0 ft. to 593 ft. Gage 0.330  
10" Diam. from 585 ft. to 783 ft. Gage 0.330  
" Diam. from " ft. to " ft. Gage "

**PERFORATIONS:**

Perforated?  Yes  No.

Type of perforator used Torch  
Size of perforations 3/16 in. by 6 in.  
1.60 perforations from 535 ft. to 585 ft.  
6.0 perforations from 600 ft. to 620 ft.  
1.60 perforations from 720 ft. to 780 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? Bottner Drilling  
Yield: 250 gal./min. with 64 ft. drawdown after \_\_\_\_\_ hrs.  
390 " 132 " " " "  
510 " 210 " " 24 "  
Ballor test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.

**(9) CONSTRUCTION:**

Well seal—Material used BENTONITE, CEMENT SAND & GRAVEL  
Well sealed from land surface to 78 ft.  
Diameter of well bore to bottom of seal 18 in.  
Diameter of well bore below seal 16 in.  
Number of sacks of cement used in well seal 20 sacks  
Number of sacks of bentonite used in well seal 2 sacks  
Brand name of bentonite YELLOWSTONE  
Number of pounds of bentonite per 100 gallons of water 30 lbs./100 gals.  
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 \_\_\_\_\_  
S.E. 1/4 S.W. 1/4 Section 1, T. 35., R. 1W, W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

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

Depth at which water was first found 149 ft.  
Static level 112 ft. below land surface. Date 7/25/70  
Artesian pressure lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 0  
Depth drilled 783 ft. Depth of completed well 783 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	0	2	0
Clay Red	2	5	0
Boulders	5	10	0
Rocks Broken & Clay	10	38	0
Rock solid	38	40	0
Clay Red	40	41	0
Rock solid soft	41	65	0
Rock solid med. HARD Grey	65	78	0
Rock solid HARD	78	104	0
Rock Red soft	104	116	0
Rock BLACK med. HARD	116	214	110
Rock Broken & Clay Grey	214	218	110
Rock BLACK med. HARD	218	239	110
Rock Grey	239	288	110
Rock Brown med. HARD	288	291	110
Lava Red soft	291	332	110
Rock Red med. HARD	332	338	110
Rock Brown med. HARD	338	352	110
Rock Grey HARD	352	368	110

Work started 12/3 1969 Completed 7/25 1970  
Date well drilling machine moved off of well 7/27 1970

**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] Thomas W. Brant Date aug 28, 1970  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 246

**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 Co.  
(Person, firm or corporation) (Type or print)  
Address 3424 S.E. 174 AVE. PORTLAND, ORE  
[Signed] Haakon Bottner  
(Water Well Contractor)  
Contractor's License No. 109 Date 9/4 1970

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

WATER WELL REPORT

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

**RECEIVED**  
OCT 1 1976  
STATE ENGINEER  
SALEM, OREGON

STATE OF OREGON  
(Type or print)  
Write above this line)

State Well No. 3/1W-1cd  
State Permit No. \_\_\_\_\_

pg. 2  
3/1W-1cd

(1) OWNER:

Name City of Wilsonville  
Address P.O. Box 155 Wilsonville, ORE.

(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 \_\_\_\_\_  
" 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 \_\_\_\_\_ Model No. \_\_\_\_\_  
Type \_\_\_\_\_  
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?  
Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ 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 \_\_\_\_\_  
Well sealed from land surface to \_\_\_\_\_ ft.  
Diameter of well bore to bottom of seal \_\_\_\_\_ in.  
Diameter of well bore below seal \_\_\_\_\_ in.  
Number of sacks of cement used in well seal \_\_\_\_\_ sacks  
Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons  
of water \_\_\_\_\_ lbs./100 gals.  
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 \_\_\_\_\_ Driller's well number \_\_\_\_\_  
\_\_\_\_\_ ¼ \_\_\_\_\_ ¼ Section T. R. W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found \_\_\_\_\_ ft.  
Static level \_\_\_\_\_ ft. below land surface. Date \_\_\_\_\_  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing \_\_\_\_\_

Depth drilled \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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
Rock Black Med. HARD	368	373	110
Rock Grey HARD	373	405	110
Rock Brown Soft	405	418	110
Rock Brown Med. HARD	418	442	110
Rock Black Med. HARD	442	453	110
Rock Black Soft	453	535	110
Rock Black Med. HARD	535	545	110
Rocks Grey	545	593	110
Clay Grey, Broken Rocks	593	602	110
Rock Reddish Grey Solid	602	611	110
Rock Grey Med. HARD	611	621	110
Rock Red Soft	621	655	110
Rock Grey Med. Soft	655	679	110
Rock Grey VERY HARD	679	709	110
Rock Grey Med. HARD	709	713	110
Rock Red	713	731	110
Rock Grey	731	770	110
Rock Grey VERY HARD	770	778	110
Rock Grey Med. HARD	778	783	110

Work started \_\_\_\_\_ 19 Completed \_\_\_\_\_ 19  
Date well drilling machine moved off of well \_\_\_\_\_ 19

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] Louis W. Brant Date Aug 28, 70  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 246

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 HAARON BATTNER DRILLING CO.  
(Type or print)  
Address 3424 S.E. 174 AVE. PORTLAND, ORE.

[Signed] Haaron Battner  
(Water Well Contractor)

Contractor's License No. 109 Date \_\_\_\_\_, 19\_\_\_\_