

STATE OF OREGON  
**WATER WELL REPORT**  
 (as required by ORS 537.765)

*7/17 Wash*

**RECEIVED**

NOV 19 1984

*29/1W-32cb*

PLEASE TYPE or PRINT IN WATER RESOURCES DEPT. (for official use only)

**(1) OWNER:**

Name City of Sherwood Well # 5  
 Address 90 NW Park  
 City Sherwood Or. 97140 State \_\_\_\_\_

**(2) TYPE OF WORK (check):**

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

**(3) TYPE OF WELL:**

Rotary Air  Driven   
 Rotary Mud  Dug   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
 Thermal   
 Irrigation  Withdrawal  Reinjection   
 Other: Piezometric  Grounding  Test

**(5) CASING INSTALLED:**

Steel  Plastic   
 Threaded  Welded   
16 " Diam. from +1.5 ft. to 200 ft. Gauge .375  
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**LINER INSTALLED:**

NONE  
 Steel  Plastic   
 Threaded  Welded   
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No  
 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? A&H Pump  
 Rate: 700 gal./min. with 309 ft. drawdown after 24 hrs.  
 Air test \_\_\_\_\_ gal./min. with drill stem at \_\_\_\_\_ ft. 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:**

Special standards: Yes  No   
 Well seal—Material used Cement Grout  
 Well sealed from land surface to 200 ft.  
 Diameter of well bore to bottom of seal 20 in.  
 Diameter of well bore below seal 15-460 in. 8"-800  
 Amount of sealing material 140 sacks  pounds   
 How was cement grout placed? With 2 inch pipes from bottom  
 Was pump installed? no Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
 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 by legal description:**

County Washington NW 1/4 SW 1/4 of Section 32 of  
 Township 2S Range 1W WM.  
 (Township is North or South) (Range is East or West)  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 MAILING ADDRESS OF WELL (or nearest address) \_\_\_\_\_  
Same as owner

**(11) WATER LEVEL OF COMPLETED WELL:**

Depth at which water was first found 252 ft.  
 Static level 48 ft. below land surface. Date 10-25-84  
 Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 15"-460 8"  
 Depth drilled 800 ft. Depth of completed well 800 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	3	
Clay hard	3	15	
Clay grey sandy w/rock	15	47	
Clay grey sticky w/green claystone streaks	47	83	
Basalt green grey brown porous-broken	83	189	
Basalt grey hard	189	252	
Basalt brn. withrd.	252	266	W.B.
Basalt grey hrd	266	283	
Basalt grey brn. porous	283	288	W.B.
Basalt grey hrd.	288	317	
Basalt brn. porous-frctrd	317	324	
Basalt grey w/brn frctrd	324	331	
Basalt grey hrd.	331	355	
Basalt withrd. brn. grey yellow red	355	378	
Basalt grey brn. med. hrd	378	405	
Basalt grey brn. broken	405	407	
Basalt grey hrd.	407	424	

Date work started 9-14-84 /completed 10-26-84  
 Date well drilling machine moved off of well 10-18-84 19

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
 [Signed] Steven N. Stadel Date 11-5, 19 84

**(bonded) Water Well Constructor Certification:**

Bond \_\_\_\_\_ Issued by: Union Indemnity  
 (number) (Surety Company Name)  
 On behalf of STACO WELL SERVICES INC.  
 (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
 (Signed) Clay Stadel  
 (Water Well Constructor)  
 (Dated) 11-5-84

NOTICE TO WATER WELL CONSTRUCTOR  
 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.

SP\*46866-690

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25/100 - 3206

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

WELL LOG CONTINUED #5 PLEASE TYPE or PRINT IN INK WATER RESOURCES DEPT. SALEM, OREGON (for official use only)

(1) OWNER:

Name City of Sherwood #5 Address City State

(2) TYPE OF WORK (check):

New Well [ ] Deepening [ ] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air [ ] Driven [ ] Rotary Mud [ ] Dug [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ] Thermal [ ] Irrigation [ ] Withdrawal [ ] ReInjection [ ] Other: Piezometric [ ] Grounding [ ] Test [ ]

(5) CASING INSTALLED:

Steel Threaded [ ] Plastic Welded [ ]

Diam. from ft. to ft. Gauge

LINER INSTALLED:

Steel Threaded [ ] Plastic Welded [ ]

Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? [ ] Yes [ ] No

Size of perforations in. by in. 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.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [ ] Yes [ ] No If yes, by whom? Air test gal./min. with drill stem at ft. 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:

Special standards: Yes [ ] No [ ]

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. Amount of sealing material sacks [ ] pounds [ ] How was cement grout placed?

Was pump installed? Type HP Depth ft. 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 by legal description:

County 1/4 1/4 of Section Township (Township is North or South) Range (Range is East or West) WM. Tax Lot Lot Block Subdivision

MAILING ADDRESS OF WELL (or nearest address)

(11) WATER LEVEL of 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.

Table with columns: MATERIAL, From, To, SWL. Rows include Basalt grey brn broken, Basalt grey hrd., Basalt grey w/red broken, Basalt grey some red hrd., Basalt grey hrd., Basalt black brn. red prs., Basalt grey red some porous, Basalt grey hard, Basalt black red porous semi broken, Basalt grey hrd, Basalt grey hrd fractured, Basalt grey hard, Basalt grey hard w/frctrd, Basalt grey hard.

Date work started /completed Date well drilling machine moved off of well 19

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Date, 19

(bonded) Water Well Constructor Certification:

Bond Issued by: (number) (Surety Company Name) On behalf of STACO WELL SERVICES INC. (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

(Signed) (Water Well Constructor)

(Dated)