

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

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 18259

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65/1w/136a  
 pg1

WATER RESOURCES DEPT. SALEM, OREGON  
 WATER RESOURCES DEPT. (PART CARD) # 41610

(1) OWNER: Well Number \_\_\_\_\_  
 Name Richard Hammelman  
 Address 9495 Meridian Rd NE  
 City Mt. Angel State OR Zip 97362

(2) TYPE OF WORK:  
 New Well  Deepen  Recondition  Abandon

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
 Special Construction approval  Yes  No Depth of Completed Well 575 ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
17	0	145	Cement	0	20	28 sacks
17	0	145	Bentonite	20	120	27 sacks
17	0	145	Cement	20	120	32 sacks
17	0	145	Cement	120	145	25 sacks

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing:	12	+1	145	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) NONE

(7) PERFORATIONS/SCREENS:  
 Perforations Method NONE  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
		<u>NONE</u>				<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump  Bailer  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
600	—	<u>505-575</u>	1 hr.
600	—	400	5 min.
500	—	300	5 min.
400	—	200	5 min.

Temperature of Water 58 Depth Artesian Flow Found \_\_\_\_\_  
 Was a water analysis done?  Yes By whom \_\_\_\_\_  
 Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
 County Marion Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 6 S N or S. Range 1 W E or W. WM. \_\_\_\_\_  
 Section 13 NE 1/4 NW 1/4  
 Tax Lot 3844 Lot 00 Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) 14951 E. College Rd NE  
Mt. Angel, OR 97362

(10) STATIC WATER LEVEL:  
78 ft. below land surface. Date 12-22-92  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
 Depth at which water was first found 35

From	To	Estimated Flow Rate	SWL
157	161	75	
368	375	200	
422	435	300	
520	570	600	88

(12) WELL LOG:  
 Ground elevation \_\_\_\_\_

Material	From	To	SWL
Soil	0	2	
Clay brown	2	10	
Gravel and clay	10	40	
Clay gray	40	64	
Clay red	64	102	
Decomposed rock red	102	106	
Rock lavender	106	125	
Basalt gray medium coarse grain	125	157	
Basalt gray fractured	157	161	WB
Basalt gray medium hard coarse grain	161	203	
Basalt gray visicular	203	208	
Clay blue	208	217	
Claystone blue	217	226	
Basalt blue visicular	226	230	
Basalt gray green medium hard	230	245	
Basalt gray hard	245	298	
Rock decomposed and weathered soft	298	304	
Basalt gray visicular	304	315	
Basalt gray hard	315	368	
Basalt black visicular	368	372	

CONTINUED

Date started 12-10-92 Completed 12-22-92  
 (unbonded) Water Well Constructor Certification:  
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed Dylan B. Stated WWC Number 1358  
 Date 12-23-92

(bonded) Water Well Constructor Certification:  
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.  
 Signed [Signature] WWC Number 723  
 Date 12-23-92

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

WATER RESOURCES DEPT. SALEM, OREGON SALEM, OREGON 97310

(1) OWNER: Well Number Name Richard Hammelman Address 9495 Meridian Rd NE City Mt. Angel State OR Zip 97362

(2) TYPE OF WORK: [ ] New Well [ ] Deepen [ ] Recondition [ ] Abandon

(3) DRILL METHOD: [ ] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Other

(4) PROPOSED USE: [ ] Domestic [ ] Community [ ] Industrial [ ] Irrigation [ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [ ] Yes [ ] No Depth of Completed Well ft. Explosives used [ ] Yes [ ] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds. Includes data for diameters 12, 10 and seal materials.

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E [ ] Other

Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for Casing and Liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [ ] Perforations Method [ ] Screens Type Material

Table for perforations/screens with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour

Table for well tests with columns: Yield gal/min, Drawdown, Drill stem at, Time. Includes checkboxes for Pump, Bailer, Air, Flowing Artesian.

Temperature of Water Depth Artesian Flow Found Was a water analysis done? [ ] Yes [ ] No By whom Did any strata contain water not suitable for intended use? [ ] Too little [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Marion Latitude Longitude Township 6 S N or S. Range 1 W E or W. WM. Section 13 NE 1/4 NW 1/4 Tax Lot 3844 Lot 00 Block Subdivision Street Address of Well (or nearest address) 14951 E. College Rd NE Mt. Angel, OR 97362

(10) STATIC WATER LEVEL: ft. below land surface. Date Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found

Table for water bearing zones with columns: From, To, Estimated Flow Rate, SWL.

(12) WELL LOG: Ground elevation

Table for well log with columns: Material, From, To, SWL. Lists various geological layers like Basalt green brown visicular, Basalt dark gray hard, etc.

Date started Completed

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief. Signed [Signature] WWC Number 1358 Date 12-22-92

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief. Signed [Signature] WWC Number 723 Date 12-23-92