

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

(WELL I.D.)# L 57935

(START CARD) # 143357

(1) OWNER: Well Number _____

Name City of Tualatin
Address 18880 SW Martinazzi
City Tualatin State OR Zip 97062

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other Reverse Circulation Rotary

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other ASR explor.

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 1005 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
12	0	34	cement	0	486	129 sks
10	34	489				
8	489	1070				

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	Steel	Plastic	Welded	Threaded
Casing: 8	+2	486	1/4	<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) 486-488

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Tele/pipe size	Casing	Liner
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
100	11		1 hr.
250	30		2nd hr
350	49		3rd hr

Temperature of water approx 55F 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 high TDS
Depth of strata: 1056 to bottom

(9) LOCATION OF WELL by legal description:
County Washington Latitude _____ Longitude _____
Township 2 S Range 1 W WM.
Section 34 SE 1/4 NE 1/4
Tax Lot 5500 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 22675 SW 108th Avenue
Tualatin, OR 97062

(10) STATIC WATER LEVEL:
258 ft. below land surface. Date 8/19/02
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 245

From	To	Estimated Flow Rate	SWL
245	258	20	NM
296	317	20	NM
331	356	150	NM
434	444	100	NM
also see (12)			

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
SEE ATTACHED FORMATION LOG			
additional water bearing zones (11):			
	490	505	see (10)
	540	562	see (10)
	626	641	see (10)
Estimated Flow Rate: see (8)	667	675	see (10)
	735	758	see (10)
	855	864	see (10)
	924	940	see (10)
NM	1056	1057+	NM
Bottom of well was abandoned by pumping			
32 sacks cement grout from bottom up to 1005'.			

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Date started 5/15/02 Completed 8/19/02
(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed _____ WWC Number 1367
Date 9/5/02

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed _____ WWC Number 649
Date 9/5/02

City of Tualatin - Well Log
by Schneider Drilling Co.

Start Card # 143357 Label #L57935

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	1	Topsoil
1	10	Clay, brown, medium-soft
10	20	Clay, brown, medium w/claystone, brown
20	33	Claystone, brown, medium-hard, fractured
33	38	Basalt, black, medium, fractured
38	49	Basalt, brown & grey, medium, fractured w/clay
49	59	Basalt, grey, medium w/claystone
59	71	Basalt, black, medium, fractured, w/vesicles
71	101	Basalt, grey, hard, w/fractures
101	144	Basalt, dark grey, hard, w/fractures & vesicles
144	149	Basalt, red, soft, broken
149	153	Basalt, black & red, medium-soft, fractured, vesicular
153	160	Basalt, black, medium-soft, fractured, vesicular
160	170	Basalt, black & brown, medium, fractured, w/vesicles
170	186	Basalt, dark grey, medium-hard, fractured, w/vesicles
186	190	Basalt, dark grey, medium, fractured, vesicular w/claystone
190	204	Basalt, dark grey, medium-hard, fractured
204	219	Basalt, black & red, medium-soft, fractured, vesicular
219	245	Basalt, grey, hard, w/fractures
245	258	Basalt, dark grey, brown, medium-soft, fractured w/claystone
258	263	Basalt, dark grey, hard, fractures
263	273	Basalt, black & red, medium, fractured, vesicular
273	296	Basalt, grey, hard, some fractures
296	317	Basalt, brown, soft, broken, vesicular
317	331	Basalt, grey, hard, some fractures
331	356	Basalt, brown, soft, broken, vesicular
356	369	Basalt, dark grey, medium-hard, fractured
369	434	Basalt, dark grey, hard, some fractures
434	444	Basalt, black, soft, broken, w/ some claystone
444	454	Basalt, black, medium, fractured
454	490	Basalt, grey, hard, some fractures
490	505	Basalt, black, soft, vesicular, broken
505	530	Basalt, dark grey, medium-hard, some fractures & claytone

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530	549	Basalt, grey, hard
549	562	Basalt, black & red, medium-soft, broken, vesicular
562	608	Basalt, grey, medium-hard, fractured
608	626	Basalt, dark grey, medium-hard, fractured
626	641	Basalt, dark grey, medium, fractured
641	662	Basalt, dark grey, medium- hard, fractured
662	667	Basalt, dark grey, medium, fractured
667	675	Basalt, dark grey & red, soft, fractured, vesicular
675	690	Basalt, dark grey, medium-hard, fractured
690	735	Basalt, grey, hard, some fractures
735	755	Basalt, black, soft, broken
755	758	Basalt, black & red, soft, broken
758	855	Basalt, grey, hard, occasional fractures
855	834	Basalt, grey, hard, fractured, black
834	838	Basalt, grey, hard
838	843	Basalt, dark grey, hard, green fractures, black, fractured
843	855	Basalt, grey, hard, fractured
855	856	Basalt, grey, hard, highly fractured
856	864	Basalt, grey, hard, some black fractures & vesicles
864	876	Basalt, grey, hard, some fractures
876	881	Basalt, grey, hard
881	889	Basalt, grey, hard, w/white crystal fractures
889	910	Basalt, grey, hard
910	924	Basalt, grey, hard, some fractures
924	935	Basalt, black, soft, broken, vesicular
935	940	Basalt, black, soft, fractured, vesicular
940	965	Basalt, grey, medium, fractured, some vesicles
965	980	Basalt, grey-black, medium, fractured (green), some vesicles & pyrite
980	1032	Basalt, grey, medium, fractured, some vesicles & pyrite
1032	1041	Basalt, grey, medium, fractured
1041	1051	Basalt, grey, medium-hard, fractured, some vesicles
1051	1056	Basalt, grey, hard, some fractures
1056	1057	Basalt, black & blue & grey, soft, vesicular
1057	1058	Clay, grey & light green, firm, soft
1058	1062	Claystone, green & grey, firm, fractured with some basalt
1062	1064	Claystone, green & grey, firm with wood & some basalt
1064	1070	Claystone, green & grey, firm with cemented gravel & basalt

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