

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

WELL I.D. # L 48876
 START CARD # 135439

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

(1) LAND OWNER Well Number _____
 Name Haagen Family Trust
 Address 8326 Middle Way
 City Vancouver State WA Zip 98664

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

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

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 500 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
16"	0	121	Bentonite	0	20	18 sacks
15"	121	140				
12"	140	396				
10 1/2"	396	500				

How was seal placed: Method A B C D E
 Other Poured 3/8" bentonite
 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: 16"	+1	121	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12"	+1	140	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 12"				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 Drive Shoe used Inside Outside None
 Final location of shoe(s) 140

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

From	To	Slot size	Number	Diameter	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
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
<u>1100+</u>		<u>500</u>	1 hr.

Temperature of water 38° 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 Umatilla Latitude _____ Longitude _____
 Township 5N N or S Range 28E E or W. WM.
 Section 33 SE 1/4 NE 1/4
 Tax Lot 102 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) N. side of Alpine Dr., Hermiston, OR 97838

(10) STATIC WATER LEVEL:
106 ft. below land surface. Date 7-16-01
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 254

From	To	Estimated Flow Rate	SWL
<u>254</u>	<u>261</u>	<u>500</u>	<u>106</u>
<u>261</u>	<u>297</u>	<u>300</u>	<u>106</u>
<u>396</u>	<u>472</u>	<u>300</u>	<u>106</u>

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
<u>Sandy soil</u>	<u>0</u>	<u>7</u>	
<u>Cemented gravel with clay</u>	<u>7</u>	<u>121</u>	
<u>Black basalt</u>	<u>121</u>	<u>254</u>	
<u>Red basalt</u>	<u>254</u>	<u>261</u>	<u>WB</u>
<u>Black basalt with green soapstone</u>	<u>261</u>	<u>297</u>	<u>WB</u>
<u>Gray basalt</u>	<u>297</u>	<u>396</u>	
<u>Black basalt</u>	<u>396</u>	<u>472</u>	<u>WB</u>
<u>Gray basalt</u>	<u>472</u>	<u>500</u>	

RECEIVED

AUG 06 2001

WATER RESOURCES DEPT
SALEM, OREGON

Date started 5-7-01 Completed 7-16-01

(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 _____ Date _____

(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 Patricia Wallace WWC Number 1218 Date 7-28-01