

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

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

Desc 51899

(START CARD) # 102029

(1) OWNER: Well Number: CH2
 Name Cascade Highlands Ltd. Partnership
 Address P.O. Box 80054
 City Portland State OR Zip 97208 97208

(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 507 ft.
 Explosives used Yes No Type Amount

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
17.5"	0	507	Cement	0	285	236 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:

Casing:	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
	12"	+1	378	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	12"	378	504	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liner:

Diameter	From	To	Gauge	Material

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

Perforations Method Factory
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
378	504	3/16"	3024	12"	Pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
1000	20'+/-		1hr.

Temperature of Water 54 Depth Artesian Flow found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? **RECEIVED**
 Salty Muddy Odor Colored Other
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Deschutes Latitude _____ Longitude _____
 Township 18S N or S. Range 11E E or W. of WM.
 Section 2 _____ % _____ %
 Tax Lot 100 R1 Lot _____ Block _____ Subdivision BroknTop
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
 301 ft. below land surface. Date 8/14/98
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 308

From	To	Estimated Flow Rate	SWL
308	497	3000+	

(12) WELL LOG:
 Ground elevation _____

Material	From	To	SWL
Brown Sandy Top Soil	0	3	
Boulders	3	18	
Brown & Pink Pumice	18	29	
Lt. Blue Gray Basalt	29	33	
Cement Grout 4 yds. from 6'-33'	33	33	
Lt. Blue Gray Basalt	33	54	
Brown Volcanics	54	64	
Gray Basalt	64	114	
Brown & Red Cinders	114	126	
Gray & Black Basalt & Cinders	126	140	
Lt. Gray Ash (Firm)	140	156	
Hard Gray Basalt	156	210	
Lt. Gray Ash	210	219	
Hard Gray Basalt	219	233	
Brown Ash & Basalt	233	246	
Gray Basalt with Ash	246	296	
Lt. Gray Volcanic Tuft	296	308	
Brown Conglomerate WB	308	420	301
Broken Basalt WB	420	433	301
Red Cinder Rock WB	433	450	301
Brown & Red Conglomerate WB	450	475	301
Brown & Gray Basalt WB	475	497	301
Hard Gray Basalt	497	507	301

Date started 7/20/98 Completed 8/14/98

(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 my best 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 Robert Buchner WWC Number 1385 Date 9/6/98
 Western Water Development Corporation

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER

WATER RESOURCES DEPT SALEM OREGON

NOV 18 2003