

STATE OF OREGON  
**WATER SUPPLY WELL REPORT**

**DESC 57644**

WELL ID # L **84233**

(as required by ORS 537.765)

(START CARD) # **187106**

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

**(1) OWNER:** Well Number: **#14**  
 Name **Sunriver Water, LLC.**  
 Address **P.O. Box 3699**  
 City **Sunriver** State **OR** Zip **97707**

**(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 **555** ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
26	0	34	Cement Slurry	0	34	132 sacks
21	34	177				
20	177	560				

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:	22in	+2	34	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	18in	0	495	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

**(7) PERFORATIONS/SCREENS:**

Perforations Method **Factory**  
 Screens Type **Slotted** Material **Stainless**

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
395	495	.093		18in	pipe	<input type="checkbox"/>	<input checked="" type="checkbox"/>
495	555	.125		18in	Pipe	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Pump  Bailor  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
2150	10.3	250	23 Hr.

Temperature of Water **48** Depth Artesian Flow found \_\_\_\_\_  
 Was a water analysis done?  Yes By whom \_\_\_\_\_  
 Did any strata contain water not suitable for intended use?  Yes  No  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: \_\_\_\_\_

**(9) LOCATION OF WELL by legal description:**  
 County **Deschutes** Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township **20S** N or S. Range **11E** E or W. of WM.  
 Section **5** NE 1/4 NE 1/4  
 Tax lot **101** Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) **17991 South Century Dr., Sunriver, OR 97707**

**(10) STATIC WATER LEVEL:**  
**122** ft. below land surface. Date **9/23/2006**  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

**(11) WATER BEARING ZONES:**  
 Depth at which water was first found **157'**

From	To	Estimated Flow Rate	SWL
157	560	3000+	122

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

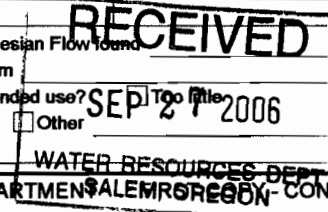
Material	From	To	SWL
Compacted Backfill Large Rock	0	3	
Loose Pumice	3	15	
Black Sand	15	17	
Broken Gray Basalt	17	20	
Gray Basalt	20	23	
Gray & Brown Basalt	23	28	
Very Hard Gray Basalt	28	40	
Broken Gray Basalt	40	60	
Blue Gray Basalt	60	75	
Red Cinder	75	83	
Brown Sandstone	83	96	
Gray Basalt	96	105	
Brown & Gray Basalt	105	157	
Vesicular Basalt & Red Cinder WB	157	183	129
Brown Sandstone	183	187	129
Broken Brown & Red Basalt WB	187	218	129
Brown Sandstone	218	242	129
Hard Gray Basalt	242	248	129
Broken Fractured Gray & Red Basalt WB	248	259	129
Soft Red Basalt with Sandstone	259		
Lenses WB		292	129

Continued on next page

Date started **4/28/2006** Completed **9/23/2006**

**(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 Buckner** WWC Number **1385**  
 Date **9/24/2006**



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 Thermal  Injection  Livestock  Other

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 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method  A  B  C  D  E  
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 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
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**(6) CASING/LINER:**

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

**(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"/>

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 Pump  Bailer  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time

Temperature of Water \_\_\_\_\_ Depth Artesian Flow found \_\_\_\_\_  
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 Tax lot 101 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
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 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

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

From	To	Estimated Flow Rate	SWL

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

Material	From	To	SWL
Blue Green Basalt with Tuff	292		
Lenses WB		347	129
Gray Vesicular Basalt WB	347	364	129
Hard Gray Broken Basalt with Cinder Lenses WB	364		398 129
Red Cinders WB	398	406	129
Soft Brown Sandstone with Pumice Lenses WB	406	502	129
Medium Hard Brown Basalt with Pumice & Tufted Ash Lenses WB	502	537	129
Multi Colored Basalt & Gravel	537		
Highly Porous WB		560	123

Bottom caved back to 540' prior to casing placement. Cleaned back to 555' & lowered casing and screen assembly accordingly.

WESTERN WATER DEVELOPMENT  
 P.O. Box 1670  
 Redmond, OR 97756

Date started 4/28/2006 Completed 9/23/2006

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 WWC Number 1385  
 Signed Robert Buckner Date 9/24/2006

