

STATE OF OREGON  
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

(WELL I.D.)# L 72463

(START CARD) # 147290

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

(1) OWNER: Well Number **Outback #5**  
Name **City of Bend**  
Address **PO Box 431**  
City **Bend** State **OR** Zip **97709**

(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

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well **861** ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
26	0	8	Cement & Bent	0	160	334 sks
20	8	635	Intermediate	Sealing		Material:
15	635	861	Bentonite	160	615	40,200 pounds
			Cement	615	625	175 sks

How was seal placed: Method  A  B  C  D  E  
 Other **Bentonite was poured & probed**  
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	+3	625	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 12	615	861	.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 mill cut**  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
619	861	3/16x3	11520			<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian	Time
1500	0.3 feet		<input type="checkbox"/>	1 hr.
1500	0.75 feet		<input type="checkbox"/>	24 hours

Temperature of water **~52F** 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 **Deschutes** Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township **17** S Range **11** E WM.  
Section **34** SW 1/4 SE 1/4  
Tax Lot **6202** Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) **18900 Skyliners Rd**  
**Bend, OR 97701**

(10) STATIC WATER LEVEL:  
**486** ft. below land surface. Date **10/7/04**  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found **624**


From	To	Estimated Flow Rate	SWL
<b>624</b>	<b>861</b>	<b>see #8</b>	<b>see #10</b>

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


Material	From	To	SWL
<b>see attached formation log</b>			
<b>RECEIVED</b>			
<b>NOV 10 2004</b>			
<b>WATER RESOURCES DEPT</b>			
<b>SALEM, OREGON</b>			

Date started **3/19/04** Completed **10/12/04**

(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 **1695**  
Date **11/9/04**

(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 **11/9/04**

**City of Bend Outback Well #5****by Schneider Drilling Co.****Start Card #W147290 Label #L72463**

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	2	Top soil & cobbles
2	8.5	Basalt, soil, boulders, cobbles
8.5	21	Conglomerate, red, cindery
21	27	Basalt, grey, hard
27	68	Basalt, grey & some red, vesicular
68	70	Pumice, tan & basalt, grey
70	210	Pumice, tan, cinders, vesicular, grey
210	230	Pumice, white & cinders, red & grey
230	255	Pumice, tan & cinders, brown & red & basalt, grey
255	342	Basalt, grey & red & pumice, tan
342	355	Basalt, vesicular, grey & red, pumice, tan
355	365	Basalt, grey & red & pumice, tan
365	370	Basalt, grey & cinders, red w/ some Pumice, tan
370	388	Cinders, red & basalt, grey w/some pumice, tan
388	397	Cobbles & Gravel, cemented
397	417	Cinders, red & basalt, grey, vesicular
417	430	Basalt, grey, hard w/some cinders, red
430	446	Cinders, red, soft
446	468	Basalt, grey, medium-hard
468	550	Cinders, red & black
550	620	Pumice, tan & cinders red & black
620	624	Basalt, grey, hard
624	642	Cinders, soft
642	649	Basalt, black
649	666	Cinders, red & black
666	669	Cinders, red
669	696	Cinders, red & black
696	714	Basalt, grey
714	723	Basalt, red
723	742	Cinders, red
742	753	Basalt, grey, hard
753	757	Basalt, brown, vesicular
757	763	Basalt, black, broken
763	767	Cinders, black & red
767	779	Cinders, red
779	787	Basalt, grey, hard
787	833	Basalt, grey, hard, some fractures
833	837	Basalt, red & black
837	852	Basalt, tan & black
852	861	Basalt, brown, fractured

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NOV 10 2004

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SALEM, OREGON**