

DESC
52008

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

WELL I.D. # L _____
START CARD # 104292

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

(1) OWNER: Well Number L22883
Name City of Bend
Address P.O. 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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 928 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
19"	0	19	Cement	0	19	21 SACKS
15"	19	670	Cement	0	670	496 SACKS
10"	670	800	---	---	---	---
9 7/8"	800	928	---	---	---	---

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: 16"	0	19		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10"	0	670	365	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8"	665	928	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 8"	665	928		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method Machine Slots
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
675	928	1/8" x 3/16"	2480	8"	P	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
360	15'	660	1 hr.
375	15'	660	24

Temperature of water 56° 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 Deschute Latitude _____ Longitude _____
Township 17S N or S Range 13E E or W. WM.
Section 20 NW 1/4 NW 1/4
Tax Lot 200 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Powell Butte HWY
Bend Municipal Airport

(10) STATIC WATER LEVEL:
582 ft. below land surface. Date 10-22-98
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 596

From	To	Estimated Flow Rate	SWL
596	607	45 gpm	
686	700	75	582
788	800	75	582
898	920	150	582

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
SEE ATTACHED			
RECEIVED			
NOV 03 1998			
WATER RESOURCES DEPT. SALEM, OREGON			
RECEIVED			
JAN 28 1999			
WATER RESOURCES DEPT. SALEM, OREGON			

Date started 9-17-98 Completed 10-26-98

(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 the best of my knowledge and belief.

Signed Steven Nichols WWC Number 1709 Date 11-05-98

(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 [Signature] WWC Number 723 Date 11-05-98

Material	From	To	SWL
Top soil	0	3	
Vesicular basalt grey	3	52	
Basalt grey	52	95	
Red cinders	95	130	
Sand stones hard grey	130	156	
Red cinders	156	164	
Basalt grey	164	172	
Lost circulation	172	185	
Red lava & basalt	185	220	
Basalt grey med hard	220	237	
Vesicular basalt & volcanics	237	254	
Basalt grey med hard	254	272	
Lava red & basalt grey	272	307	
Basalt grey hard	307	318	
Basalt broken grey hard	318	369	
Basalt hard grey	369	387	
Frac basalt hard	387	396	
Red cinders conglomerate	396	427	
Frac Basalt	427	458	
Lava red	458	496	
Volcanic Conglomerate	496	516	
Volcanics grey	516	549	
Volcanics conglomerate red	559	596	
Black			
Cinders	596	607	WB
Broken Volcanics	607	610	
Basalt frac hard grey	610	612	
Lava red & grey	612	627	
Basalt hard grey	627	649	
Basalt w/volcanic seams	649	670	
Basalt	670	686	
Basalt grey vesicular	686	700	WB
Deschutes conglomerate	700	778	
Basalt grey med hard	778	788	
Basalt vesicular	788	800	WB
Basalt frac grey hard	800	847	
Red cinders	847	852	
Volcanics red & grey	852	860	
Basalt frac hard	860	885	
Basalt very hard	885	889	
Cinders & basalt	889	893	
Basalt very hard	893	895	
Basalt vesicular	895	898	
Deschutes conglomerate	898	928	
Red lava	928		

RECEIVED

NOV 03 1998

WATER RESOURCES DEPT.
SALEM, OREGON