

RECEIVED

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

MAY 20 1987

DESC 3957

Pg. 1 of 2
159/13E-22c

WATER RESOURCES DEPT.
SALEM, OREGON
Owner's Well Number: 200175

(1) OWNER:
Name **City of Redmond**
Address **455 South Seventh St.**
City **Redmond** State **Oregon** Zip **97756**

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

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

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

(5) BORE HOLE CONSTRUCTION:
Depth of Completed Well **801** ft.
Special Standards date of approval _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks	pounds
24"	0	744 Cement	0	36'	110 sacks

How was seal placed? Method A B C D E
 Other **Pressure Grouted**
Backfill placed from _____ ft. to _____ ft. Material **Tumalo gravel**
Gravel placed from _____ ft. to _____ ft. Size of gravel **Monterey Sand**

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	18"	+2	515'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	18"	537	595'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	18"	635	650'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	18"	690	744'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	12"	716	757'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	12"	777	790'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	12"	800	801'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type **PS** Material **S.Steel**

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
515'	537'	.070	22'	18"	PS	<input type="checkbox"/>	<input type="checkbox"/>
595'	635'	.070	40'	18"	PS	<input type="checkbox"/>	<input type="checkbox"/>
650'	690'	.070	40'	18"	PS	<input type="checkbox"/>	<input type="checkbox"/>
757'	777'	.070	20'	12"	PS	<input type="checkbox"/>	<input type="checkbox"/>
790'	800'	.070	10'	12"	PS	<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
Yield gal/min _____ Pumping level _____ Drill stem at _____ Time _____
To Be Tested Later by _____ City of Redmond _____
Temperature of water **53*** _____ 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 **no**
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County **Deschutes** Latitude _____ Longitude _____
Township **15S** N or S, Range **13** E or W, WM.
Section **22** SW $\frac{1}{4}$ $\frac{1}{4}$
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) **2498 S. Airport Way Redmond, Oregon, 97756**

(10) STATIC WATER LEVEL:
310 ft. below land surface. Date **1-30-87**
Artesian pressure _____ lb. per square inch. Date _____

(11) WELL LOG: Ground elevation **unknown**

Material	From	To	WB?	SWL
Fill	0	4		
Top Soil	4	5		
Rock Lava-Solid	5	15		
Broken Lava	15	22		
Black Lava-Solid	22	31		
Red Cindered Lava	31	35		
Black Lava-Broken	35	75		
Reddish Lava-Broken	75	85		
Red Cindered Lava	85	94		
Black Lava & Brown Stone	94	120		
Black Lava	120	129		
Brown Sandstone	129	134		
Black Lava	134	142		
Black Lava-Broken	142	165		
Reddish Brown Broken Rock	165	177		
Black Lava	177	186		
Brown Sandstone	186	210		
Brown Sand & Gravel	210	243		
Rocks & Brown Sand	243	265		
Brown Sand & Gravels	265	270		
Broken Lava	270	283		
Black Lava-Solid	283	307		
Brown Claystone-Blk. Lava	307	322	315'	
Black Sand-Conglomerate	322	345		
Brown Sand & Pea Gravel	345	365		
Brown Sandstone-Blk. Cinder	365	375		
Brown Sandstone	375	390		
Silty & Coarse Sand	390	455		
Brown Sand & Gravel	455	475		
(muddy)				
Brown Sand & Gravel	475	494		

Date started **Aug. 5-86** Completed **May 18-87**

(unbonded) Water Well Constructor Certification:
I constructed this well in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed **Paul Sabatary** Date **May 18, 1987**

(bonded) Water Well Constructor Certification:
I accept responsibility for construction of this well and its compliance with all Oregon water well standards. This report is true to the best of my knowledge and belief.
Signed **Orvail Buckner** Date **May 18, 1987**
Company **Orvail Buckner Well Drill'g, Inc.** Co. Job No. _____

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WATER WELL REPORT
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(1) OWNER: Name City of Redmond, Address 455 South Seventh St., City Redmond, State Oregon, Zip 97756

(2) TYPE OF WORK: [X] New Well, [] Deepen, [] Recondition, [] Abandon

(3) DRILL METHOD: [] Rotary Air, [] Rotary Mud, [X] Cable, [] Other

(4) PROPOSED USE: [] Domestic, [] Community, [] Industrial, [] Irrigation, [] Thermal, [] Injection, [] Other Municipal

(5) BORE HOLE CONSTRUCTION: Depth of Completed Well ft., Special Standards date of approval, Table with HOLE Diameter From To, SEAL Material From To, Amount sacks or pounds

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: Table with Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded for Casing and Liner

(7) PERFORATIONS/SCREENS: [] Perforations, [] Screens, Table with Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour, [] Pump, [] Bailer, [] Air, [] Flowing Artesian, Table with Yield gal/min, Pumping level, Drill stem at, Time 1/2 hr, 1 hr

Temperature of water, 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, Township 15S, Section 22 SW 1/4, Street Address of Well

(10) STATIC WATER LEVEL: 310 ft. below land surface, Date 1-30-87, Artesian pressure lb. per square inch.

(11) WELL LOG: Ground elevation unknown. Table with Material, From, To, WB?, SWL

Date started Aug. 5-86, Completed May 18-87

(unbonded) Water Well Constructor Certification: I constructed this well in compliance with Oregon well construction standards... Signed Earl Salisbury Date May 18-87

(bonded) Water Well Constructor Certification: I accept responsibility for construction of this well and its compliance with all Oregon water well standards... Signed [Signature] Date May 18-87, Company, Co. Job No.