

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

Yamh
50702 WELL I.D.# L14858

(START CARD) # 95174

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

(1) OWNER: Well Number WSTW #1
Name Rodney Brill (City of Dayton easement)
Address 11565 SE Amity - Dayton Hwy.
City Dayton State OR Zip 97714

(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 273 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
24	0	28	Cement	0	133	403sks
18	28	275				

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Pack placed from 133 ft. to 275 ft. Size of Pack CSS16x9

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12	+2.5	273	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
except	@ Screens			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Has plate bottom*				<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:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<input type="checkbox"/> Perforations							
<input checked="" type="checkbox"/> Screens							
137	151	.065	cont	12	PS	<input type="checkbox"/>	<input type="checkbox"/>
169	177	.065	cont	12	PS	<input type="checkbox"/>	<input type="checkbox"/>
192	200	.065	cont	12	PS	<input type="checkbox"/>	<input type="checkbox"/>
204	219	.065	cont	12	PS	<input type="checkbox"/>	<input type="checkbox"/>
235	249	.065	cont	12	PS	<input type="checkbox"/>	<input type="checkbox"/>
254	265	.065	cont	12	PS	<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
Also see recovery graph of 72 hour test attached

Yield gal/min	Drawdown	Drill stem at	Time
100	36.8		1 hr.
200	69.4		2nd hour
300	110.3		3rd hour

Temperature of water 58° F 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 Yamhill Latitude _____ Longitude _____
Township 4S N or S Range 4W E or W. WM.
Section 36 NW 1/4 NE 1/4
Tax Lot 1100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 11565 SE Amity-Dayton Hwy., Dayton, OR. 97114

(10) STATIC WATER LEVEL:
19.4 ft. below land surface. Date 6/16/97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 52

From	To	Estimated Flow Rate	SWL
52	70	20±?	7on1/31/97
110	124	100±?	47on2/4/97
Other sand and gravel zones:			
139	TD	see (8)	see (10)

(12) WELL LOG:
Ground Elevation approx. 155

Material	From	To	SWL
see attached log			

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WATER RESOURCES DEPT.
SALEM, OREGON

Date started 1/24/97 Completed 6/16/97

(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 [Signature] WWC Number 1633
Date 6/27/97

(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 649
Date 6/27/97

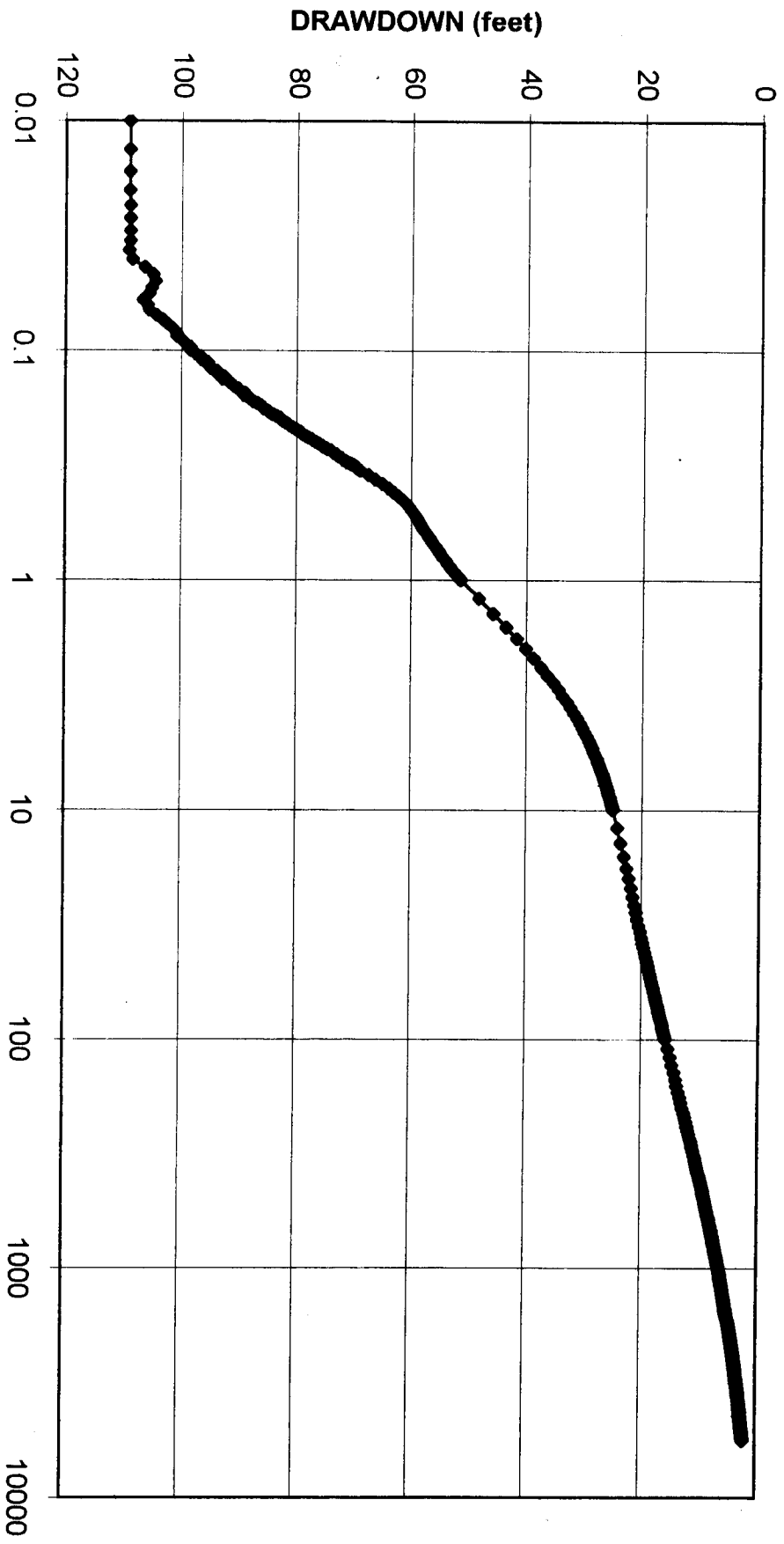
CITY OF DAYTON W.S. TEST WELL NO.1
L14858 - S.C.#95174
by Schneider Drilling Co.

GEOLOGICAL LOG

<u>Depth</u>		
<u>From</u>	<u>To</u>	
0	1	Top soil
1	10	Clay, silty, brown
10	15	Clay, gray, soft
15	20	Clay, brown, soft, some silt
20	30	Clay, gray, silty
30	52	Clay, gray, w/some sand, fine-silt, black
52	70	Sand, med, black
70	75	Clay, green, w/some sand, med, sticky
75	85	Clay, green w/brown streaks, some sand, med, sticky
85	89	Clay, sandy, fine, green
89	90	Clay, gray, w/sand, fine, black
90	98	Clay, gray, sticky
98	110	Clay, gray-green, sticky, & sand, med-fine
110	124	Gravel 3"- round, w/sand, med, blk, & some clay, sticky, green
124	127	Gravel, pea, w/clay, gray
127	139	Clay, gray, w/some sand, fine-silt, black
139	142	Gravel 2"- & sand, coarse, blk
142	147	Clay, green, w/gravel & sand, coarse
147	153	Gravel, small, w/sand, coarse
153	160	Clay, green w/gravel & sand, coarse, blk
160	171	Clay, green, w/some pea gravel
171	178	Gravel, small, w/sand, coarse, blk, & silt, green-brown
178	183	Clay, silty, gray, w/gravel, semi-cemented & wood
183	194	Clay, silty, w/gravel imbedded, semi-cemented
194	201	Sand, coarse, blk, & gravel 1"-
201	206	Clay, gray, sticky, w/gravel
206	221	Gravel 3/4"-, round, w/sand, coarse, blk
221	228	Clay, gray, w/gravel, sticky
228	237	Clay, silty, gray
237	251	Gravel, pea, w/sand & wood, some silty, gray
251	256	Clay, blue, sticky, w/sand, coarse, blk
256	261	Sand, coarse, w/pea gravel, wood, & some clay, blue
261	263	Silt, clayey, gray, w/sand, coarse, blk
263	267	Grvl 1-1/2", multi-clrd & sand, blk, crse, & silt, blue, dry, crumbly
267	271	Silt, dry, blue, crumbly, w/gravel & sand
271	275	Gravel 2"- & sand, crse-fine, some cemented

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WATER RESOURCES DEPT.
SALEM, OREGON

DAYTON W.S. TEST WELL NO.1 - L14858
72HR Test Recovery - Avg 267.5 GPM
5/8-12/97 by Schneider Drilling Co.



LOGS AND TESTS
WATER RESOURCES DEPT.
OREGON

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