

STATE ENGINEER
Salem, Oregon

WASH OBSERVATION WELL
WASH Well Record
011592

STATE WELL NO. 21W-1020
COUNTY Washington
APPLICATION NO. GR-615

OWNER: Tigard Water District

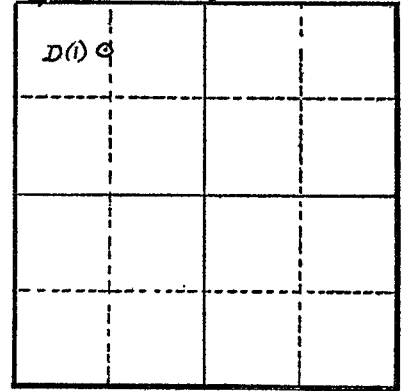
MAILING ADDRESS: C.E. Janoe Chairman - 8900 SW Burnham Ave.

LOCATION OF WELL: Owner's No. #2

CITY AND STATE: Tigard, Oregon

NW 1/4 NW 1/4 Sec. 10 T. 2 S., R. 1 W., W.M.

Bearing and distance from section or subdivision corner S. 610 ft. & E. 1270 ft. from N.W. cor. sec. 10



Altitude at well 375 ft.

Section 10

TYPE OF WELL: drilled Date Constructed July 30, '49

Depth drilled 453 Depth cased 342

CASING RECORD:
12 inch

FINISH:

AQUIFERS:

WATER LEVEL:

190 feet

PUMPING EQUIPMENT: Type Peerless Turbine H.P. 15
Capacity 500+ G.P.M.

WELL TESTS:

Drawdown 72 ft. after _____ hours 325 G.P.M.
Drawdown 90 ft. after _____ hours 400 G.P.M.

USE OF WATER municipal Temp. _____ °F., 19_____
SOURCE OF INFORMATION GR-615

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log _____ Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

WELL # 2

R. J. STRASSER DRILLING COMPANY
 8110 S.E. Sunset Lane
 Portland 6, Oregon

Log of well # 2 for the Tigard Water District 12 inch well cased with 10 inch to 342 feet deep. Completed 7/30/49.

Surface	to	2	Ft	Top soil
2	ft	"	29	" Yellow and red clay
29	"	"	47	" Decomposed rock
47	"	"	83	" Hard gray rock
83	"	"	97	" Brownish red medium rock
97	"	"	192	" Hard gray rock
192	"	"	201	" Soft brownish red rock with around 100 G.P.M.
209	"	"	229	" Hard gray rock
209	"	"	224	" Porous brown rock with a little water
224	"	"	265	" Gray and brown rock
265	"	"	274	" Porous brown rock a little water
274	"	"	319	" Hard gray rock Well was tested at 342 feet and furnished 220 G.P.M. a draw down of 140 feet.
335	"	"	362	" Hard gray rock
362	"	"	368	" Brown porous rock
368	"	"	395	" Hard clay
395	"	"	400	" Soft red rock should have some water
400	"	"	438	" Gray rock
438	"	"	447	" Very soft yellow rock with water
447	"	"	453	" Gray rock

Static water level 190 feet from the surface.

Pump test showed 325 G.P.M. with 72 feet draw down
 400 " " 90 " " "

A cement seal was made around the casing at a depth of 60 to 70 feet to prevent any water from entering the well above the 70 ft. level.

ELDEN W. CARTER
CONSULTING CIVIL ENGINEER
PORTLAND TRUST BLDG.
319 S. W. WASHINGTON ST.
PORTLAND 4, OREGON

Well # 2

October 15, 1958

Board of Commissioners,
Tigard Water District,
2041 S.W. Commercial St.,
Tigard 23, Oregon.

RECEIVED
OCT 15 1958
STATE ENGINEER
SALEM, OREGON

Gentlemen:

On October 11, 1958 tests were made on your three wells to determine, primarily, the present static water levels and to observe the drawdown and pumping levels if possible.

At the time of test, both Well No. 1 and No. 2 were in service and under automatic control. The pump in Well No. 1 was running just prior to the test and at No. 2 the pump had been off an undetermined length of time. Well No. 3 had not been in service for at least two weeks.

In each case the pumping level was observed after running the pump 5 to 6 minutes which, except for No. 1, probably did not give the level which might be expected after prolonged continuous operation. This is particularly true of Well No. 3.

A tabulation of the test data and comparative data from the original well tests are shown below.

	Oct. 11, 1958	Then Drilled
Well No. 1		11-18-47
Static level (below surface)	214 ft.	188 ft.
Pumping level	266 ft.	234 ft.
Rate	(#)	170 gpm
Draw down	52 ft.	46 ft.

* - Pump runs throttled - exact flow not known.

Well No. 2		7-30-49
Static level	212 ft.	190 ft.
Pumping level	265 ft.	260 ft.
Rate	400 gpm	400 gpm
Draw down	53 ft.	90 ft.

Well No. 3		2-11-58
Static level	210 ft.	215 ft.
Pumping level	257 ft.	343 ft.
Rate	350 gpm	350 gpm
Draw down	47 ft.	128 ft.

Very truly yours,

ELDEN W. CARTER

Elden W. Carter, Engineer
Tigard Water District

State Engineer

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ELDEN W. CARTER
 CONSULTING CIVIL ENGINEER
 OREGON BANK BLDG.
 319 S W. WASHINGTON ST.
 PORTLAND 4 OREGON

March 17, 1961

Board of Commissioners
 Tigard Water District
 8841 S.W. Commercial St.
 Tigard 22, Oregon

Gentlemen:

Pumping tests were run on the district's three wells on March 8, 1961 to determine the present static water levels, draw down, and pumping levels.

The draw down was measured after pumping 30 minutes on each well.

A tabulation of the test data and comparative data from previous tests are shown below.

	<u>3/8/61</u>	<u>10/11/58</u>	<u>When drilled 11/18/47</u>
<u>Well No. 1</u>			
Static level	223 ft.	214 ft.	188 ft.
Pumping level	275 ft.	266 ft.	234 ft.
Rate (throttled - est.)	(150 gpm)	(?)	170 gpm
Draw down	52 ft.	52 ft.	46 ft.
<u>Well No. 2</u>			<u>7/30/49</u>
Static level	250 ft.	212 ft.	190 ft.
Pumping level	295 ft.	265 ft.	280 ft.
Rate	400 gpm	400 gpm	400 gpm
Draw down	35 ft.	53 ft.	90 ft.
<u>Well No. 3</u>			<u>2/11/58</u>
Static level	293 ft.	210 ft.	215 ft.
Pumping level	360 ft.	257 ft.	343 ft.
Rate	350 gpm	350 gpm	350 gpm
Draw down	67 ft.	47 ft.	128 ft.

Very truly yours,

ELDEN W. CARTER

Elden W. Carter, Engineer
 Tigard Water District

cc- State Engineer



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301
(503) 986-0900
www.wrd.state.or.us

Application for
Well ID Number

RECEIVED

MAY 09 2012

WATER RESOURCES DEPT
SALEM OREGON

Do not complete if the well already has a Well I.D Number.

I. OWNER INFORMATION

Current Owner Name (please print): City of Tigard
Mailing Address: 13125 SW Hall Blvd.
City: Tigard State: Oregon Zip: 97223
Mailing Address (to send Well I.D.): Aaron Beattie, City of Tigard Public Works Department, 13125 SW Hall Blvd.
City: Tigard State: Oregon Zip: 97223

II. WELL INFORMATION (Do not complete this section if the well report is attached.)

City of Tigard Well 2

Township: 2 South (North/South) Range: 1 West (East/West) Section: 10
Tax Lot: 2S110BB00500 County: Washington NW 1/4 NW 1/4
Street Address of Well: 14201 SW 119th Place City: Tigard
Owner at time the well was constructed, (if known): Tigard Water District
If the property had a different street address in the past: N/A

III. GENERAL WELL INFORMATION (Do not complete this section if the well report is attached)

WASH 11592

Use of Well (domestic, irrigation, commercial, industrial, monitoring):
Date Well Constructed: Total Well Depth: Casing Diameter:
Other Information:

SUBMITTED BY (please print):
PHONE: FAX:

Send application to Oregon Water Resources Department; 725 Summer St NE, Suite A; Salem, Oregon 97301-1266; fax (503) 986-0902. Applications are processed and Well I.D. Numbers are mailed every Wednesday.

For Official Use Only by the Oregon Water Resources Department:

Received Date: Well Log Number: WASH 11592 Well Identification #: 109495