ORIGINAL
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YAMH 5338

WATER WELL REPORT

STATE OF OREGON

B1820

State Well No. 7/3W-17 Q

State Permit No.

(1) OWNER:

Name Dayton, City of

Address

(2) LOCATION OF WELL:

County Yamhill Owner's number, if any—

SW ¼ SE ¼ Section 17 T. 4S R. 3W W.M.

Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☐ Test Well ☐ Other ☐

(5) TYPE OF WELL:

Rotary ☐ Driven ☐

Cable ☐ Jetted ☐

Dug ☐ Bored ☐

(6) CASING INSTALLED:

Threaded ☐ Welded ☐

10 " Diam. from 0 ft. to 155 ft. Gage

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? ☐ Yes ☐ No

Type of perforator used

SIZE of perforations in. by in.

perforations from 73 ft. to 101 ft.

perforations from 117 ft. to 131 ft.

perforations from 135 ft. to 155 ft.

perforations from ft. to ft.

perforations from ft. to ft.

(8) SCREENS:

Well screen installed ☐ Yes ☐ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Was well gravel packed? ☐ Yes ☐ No Size of gravel:

Gravel placed from ft. to ft.

Was a surface seal provided? ☐ Yes ☐ No To what depth? ft.

Material used in seal—

Did any strata contain unusable water? ☐ Yes ☐ No

Type of water? Depth of strata

Method of sealing strata off

(10) WATER LEVELS:

Static level 70 ft. below land surface Date 1953

Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] Date , 19

(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☐ No If yes, by whom?

Yield: 340 gal./min. with 8 ft. drawdown after 24 hrs.

" " " "

" " " "

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG:

Diameter of well inches.

Depth drilled ft. Depth of completed well ft.

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Soil	0	2
Clay	2	19
Sandy Silt	19	22
Blue clay	22	36
Silt water bearing	36	47
Shale with streaks of Clay	47	67
Sandstone	67	73
Sand water bearing	73	101
Shale, hard gray	101	105
Sand, water bearing, sulphur water	105	111
Clay, blue	111	117
Sandy shale, water bearing	117	125
Sand water bearing	125	131
Blue clay	131	135
Coarse sand, water bearing	135	153
Shale	153	155
Scaled off of graphic log in folder)		

Work started 19 . Completed 1953

(13) PUMP:

Manufacturer's Name

Type: H.P.

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME
(Person, firm, or corporation) (Type or print)

Address

Driller's well number

[Signed]
(Well Driller)

License No. Date , 19

(USE ADDITIONAL SHEETS IF NECESSARY)

Yamhill

4/3W-17Q
App. G-1820

Oregon State Board of Health
SANITARY ENGINEERING LABORATORY

REPORT OF MINERAL ANALYSIS OF WATER

Location of source Dayton Description of source Well #2

Analysis by MJP Date 5/27/54 Collected by JLA Date 5/20/54

RESULTS

	Parts per million
Turbidity	7
Color: Apparent	True 4
Odor: Hot	Cold
Total Solids	392
Loss on Ignition	54
Silicon (SiO_2)	3.8
Chloride (Cl)	6.8
Sulfate (SO_4)	6.0
Calcium (Ca)	33
Magnesium (Mg)	9
Aluminum (Al)	0
Orthophosphates (PO_4)	.6
Metaphosphates $(PO_3)_6$	
Alkalinity (as $CaCO_3$): Carbonate	0
Bicarbonate	110
Hardness (as $CaCO_3$)	116
Sodium and Potassium (as Na)	8.6
Iron (Fe)	
Manganese (Mn)	.5
Fluoride (F)	0.1
Carbon Dioxide (CO_2)	3.5

pH 7.8

Remarks Sand rapidly settles after mixing.

PHE-10