

STATE ENGINEER  
Salem, Oregon

**YAMHA Well Record**  
5280

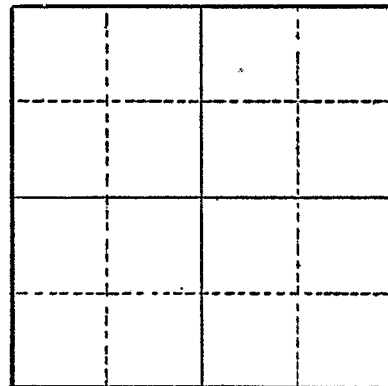
STATE WELL NO. 4/3W-9B  
COUNTY Yamhill  
APPLICATION NO. 6-1819

OWNER: City of Dayton MAILING ADDRESS: Box 222

LOCATION OF WELL: Owner's No. McDougal CITY AND STATE: Dayton, Oregon

NW 1/4 NE 1/4 Sec. 9 T. 4 S., R. 3 W., W.M.

Bearing and distance from section or subdivision  
corner 51 W. from the S.W. cor. of the  
E. Cluff DLC #61.



Section 9

Altitude at well 155 ft.

TYPE OF WELL: Drilled Date Constructed 1949

Depth drilled 208 ft. Depth cased 918 ft.

CASING RECORD: 12 inch  
10 inch perforated liner to 120'

FINISH:  
Perforated

AQUIFERS:

WATER LEVEL:  
20 ft.

PUMPING EQUIPMENT: Type Turbine H.P. 30  
Capacity 300 G.P.M.

WELL TESTS:  
Drawdown ft. after hours G.P.M.  
Drawdown ft. after hours G.P.M.

USE OF WATER Municipal Temp. °F., 19  
SOURCE OF INFORMATION Belated registration statement  
DRILLER or DIGGER ~~W. J. Jamison~~ A. M. Jamisen

ADDITIONAL DATA:  
Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:  
Log: Brown clay 0 to 35 ft.  
Red clay 35 to 51 ft.  
Cemented gravel 51 to 66 ft.  
Boulders 66 to 76 ft.  
Sand 76 to 79 ft.  
Rock 79 to 89 ft.  
Black sand 89 to 90 ft.  
Rock 90 to 110 ft.  
Clay & rock 110 to 200 ft. State Printing 89316  
Lava rock (water) 200 to 208 ft.

SANITARY ENGINEERING LABORATORY

REPORT OF MINERAL ANALYSIS OF WATER

Location of source Layton Description of source Well #1  
 Analysis by MHP Date 5/27/54 Collected by JJA Date 4/20/54

RESULTS

|  | <u>Parts per million</u> |
|--|--------------------------|
| Turbidity                                      | 12                       |
| Color: Apparent <u>27</u>                      | True _____               |
| Odor: Hot _____                                | Cold _____               |
| Total Solids                                   | 101                      |
| Loss on Ignition                               | 10                       |
| Silicon (SiO <sub>2</sub> )                    | 3.2                      |
| Chloride (Cl)                                  | 3.5                      |
| Sulfate (SO <sub>4</sub> )                     | 3.8                      |
| Calcium (Ca)                                   | 4.5                      |
| Magnesium (Mg)                                 | 4.5                      |
| Aluminum (Al)                                  | 0                        |
| Orthophosphates (PO <sub>4</sub> )             | .5                       |
| Metaphosphates (PO <sub>3</sub> ) <sub>6</sub> | _____                    |
| Alkalinity (as CaCO <sub>3</sub> ): Carbonate  | 0                        |
| Bicarbonate                                    | 29                       |
| Hardness (as CaCO <sub>3</sub> )               | 29                       |
| Sodium and Potassium (as Na)                   | 7.4                      |
| Iron (Fe)                                      | 5                        |
| Manganese (Mn)                                 | .1                       |
| Fluoride (F)                                   | 0.2                      |
| Carbon Dioxide (CO <sub>2</sub> )              | 2.4                      |
| pH <u>7.4</u>                                  |                          |

Remarks \_\_\_\_\_  
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