

STATE ENGINEER  
Salem, Oregon

LAKE 1505  
*Lake 1505*  
**Well Record**

STATE WELL NO. 30/17-7D(1)  
COUNTY Lake  
APPLICATION NO. G-68

OWNER: Frank Williams

MAILING

ADDRESS:

CITY AND

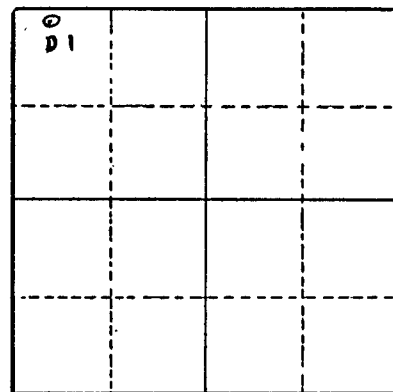
STATE:

LOCATION OF WELL: Owner's No.

NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 7 T. 30 S. R. 17 E. W. W.M.

Bearing and distance from section or subdivision

corner S. 86° 26' E. 600 ft. from NW cor. Sec. 7



Section 7

Altitude at well

TYPE OF WELL: drilled Date Constructed

Depth drilled 253 Depth cased 210

CASING RECORD: 8 inch, set to 210 ft.

FINISH:

AQUIFERS: red lava from 205 to 253 ft.

WATER LEVEL:

PUMPING EQUIPMENT: Type none H.P.             
Capacity            G.P.M.

WELL TESTS:

Drawdown            ft. after            hours            G.P.M.

Drawdown            ft. after            hours            G.P.M.

USE OF WATER irrigation Temp.            °F.           , 19

SOURCE OF INFORMATION

DRILLER or DIGGER

ADDITIONAL DATA:

Log X Water Level Measurements            Chemical Analysis            Aquifer Test           

REMARKS: Well flows approximately 1500 gpm

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State Well No. 30/17/7D1

County Lake

Application No.

## Chemical Analysis

OWNER Frank Williams Estate OWNER'S NO.

ANALYST USGS Address Portland, Oregon

Date of Collection 10/13/55

Point of Collection

|                                          | P.P.M. | E.P.M. |
|------------------------------------------|--------|--------|
| Silica (SiO <sub>2</sub> )               | 35     |        |
| Iron (Fe) Total                          |        |        |
| Manganese (Mn)                           |        |        |
| Calcium (Ca)                             | 3.6    |        |
| Magnesium (Mg)                           | 1.2    |        |
| Sodium (Na)                              | 71     |        |
| Potassium (K)                            | 4.7    |        |
| Bicarbonate (HCO <sub>3</sub> )          | 160    |        |
| Carbonate (CO <sub>3</sub> )             |        |        |
| Sulfate (SO <sub>4</sub> )               |        |        |
| Chloride (Cl)                            | 11     |        |
| Fluoride (F)                             |        |        |
| Nitrate (NO <sub>3</sub> )               | 0.1    |        |
| Boron (B)                                |        |        |
| Dissolved Solids                         |        |        |
| Hardness as CaCO <sub>3</sub>            | 13     |        |
| Specific Conductance (Micromhos at 25°C) | 294    |        |
| pH                                       | 8.2    |        |
| Percent Sodium                           | 89     |        |
| Sodium Absorption Ratio (S.A.R.)         |        |        |
| CLASS                                    |        |        |