

STATE ENGINEER  
Salem, Oregon

MARION  
1228

# Well Record

STATE WELL NO. 4/2W-19G(1.)  
COUNTY Marion  
APPLICATION NO.

OWNER: Lester Ernst  
MAILING ADDRESS:

LOCATION OF WELL: Owner's No. CITY AND STATE:

1/4 1/4 Sec. T. N. E. S., R. W., W.M.

Bearing and distance from section or subdivision corner

Altitude at well 170

TYPE OF WELL: Drilled Date Constructed 1920

Depth drilled 160 Depth cased


Section

CASING RECORD:  
5 inch

FINISH:

AQUIFERS:

WATER LEVEL:  
39 feet below land surface, 1916

PUMPING EQUIPMENT: Type Turbine 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 Public Supply Temp. °F., 19

SOURCE OF INFORMATION USGS

DRILLER or DIGGER

ADDITIONAL DATA:  
Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:  
Temperature 52° F.

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State Well No. 4/2W-19G1<sup>2</sup>

County Marion

Application No. \_\_\_\_\_

## Chemical Analysis

OWNER Lester Ernst OWNER'S NO. \_\_\_\_\_

ANALYST USGS Address Portland, Oregon

Date of Collection 4-14-58

Point of Collection \_\_\_\_\_

	P.P.M.	E.P.M.
Silica (SiO <sub>2</sub> )	20	
Iron (Fe) Total	.20	
Manganese (Mn)		
Calcium (Ca)	30	
Magnesium (Mg)	9.7	
Sodium (Na)	39	
Potassium (K)	1.0	
Bicarbonate (HCO <sub>3</sub> )	240	
Carbonate (CO <sub>3</sub> )	0	
Sulfate (SO <sub>4</sub> )	2.7	
Chloride (Cl)	3.0	
Fluoride (F)	.1	
Nitrate (NO <sub>3</sub> )	.0	
Boron (B)		
Dissolved Solids	254	
Hardness as CaCO <sub>3</sub>	115	
Specific Conductance (Micromhos at 25°C)	368	
pH		
Percent Sodium	42	
Sodium Absorption Ratio (S.A.R.)		
CLASS		