

ca (1)

STATE ENGINEER
Salem, Oregon

Well Record

STATE WELL NO. 3/2W-29L(1)
COUNTY Marion
APPLICATION NO. GR-63

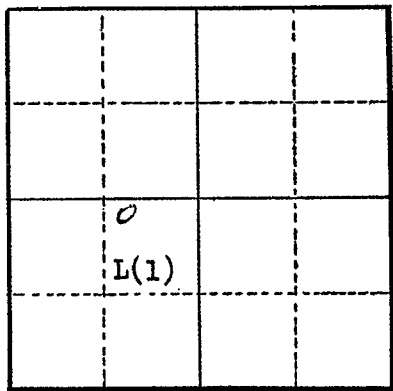
MARI...1948

OWNER: City of Newberg MAILING ADDRESS: City Hall

LOCATION OF WELL: Owner's No. 1 CITY AND STATE: Newberg, Oregon

NE 1/4 SW 1/4 Sec. 29 T. 3 N. S., R. 2 E. W., W.M.

Bearing and distance from section or subdivision corner 1550' E. & 150' S. of the 1/4 cor. between Sections 29 and 30



Section 29

Altitude at well 100' Interpolated

TYPE OF WELL: Drilled Date Constructed Dec. 48

Depth drilled 90' Depth cased 90'

CASING RECORD:

12 inch casing set from 0 to 90 feet

FINISH:

Perforations 1 1/4" x 3" six feet of perforations

AQUIFERS:

Gravel, large from 77 to 88 feet

WATER LEVEL:

35 feet below land surface December 1948

PUMPING EQUIPMENT: Type Byron Jackson submersible 8 inch H.P. 40
Capacity 750 G.P.M.

WELL TESTS:

Drawdown ft. after hours 1500 G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER municipal 1,000 gpm Temp. °F., 19.....
SOURCE OF INFORMATION Registration Statement GR-63

DRILLER or DIGGER

ADDITIONAL DATA:

Log x Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Tested at 1500 gallons per minute

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State Well No. 3/2W-29 ^{ca (2)} h. (2)

County Marion

Application No. GR-63

Chemical Analysis

OWNER City of Newberg OWNER'S NO. #2

ANALYST Charlton Address Portland, Oregon

Date of Collection 8-13-49

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	24.4	
Iron (Fe) Total	2.6	
Manganese (Mn)		
Calcium (Ca)	11.5	
Magnesium (Mg)	2.2	
Sodium (Na)	14.6	
Potassium (K)		
Bicarbonate (HCO ₃)	74.5	
Carbonate (CO ₃)		
Sulfate (SO ₄)	2.5	
Chloride (Cl)	1.7	
Fluoride (F)	.1	
Nitrate (NO ₃)	.1	
Boron (B)		
Dissolved Solids		
Hardness as CaCO ₃	37.3	
Specific Conductance (Micromhos at 25°C)		
pH	6.7	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		

STATE ENGINEER
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State Well No. 3/2W-29 ^{ca (1)} (L(1))

County Marion

Application No. GR-63

Chemical Analysis

OWNER City of Newberg OWNER'S NO. 1

ANALYST Charlton Address Newberg, Oregon

Date of Collection 12-31-47

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	53.7	
Iron (Fe) Total	4.0	
Manganese (Mn)		
Calcium (Ca)	17.6	
Magnesium (Mg)	12.0	
Sodium (Na)	10.3	
Potassium (K)		
Bicarbonate (HCO ₃)	105	
Carbonate (CO ₃)	0	
Sulfate (SO ₄)	6.8	
Chloride (Cl)	2.5	
Fluoride (F)	0.1	
Nitrate (NO ₃)	0.01	
Boron (B)		
Dissolved Solids		
Hardness as CaCO ₃	93.3	
Specific Conductance (Micromhos at 25°C)		
pH	6.6	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		