

STATE ENGINEER
Salem, Oregon

2680
MARION Well Record

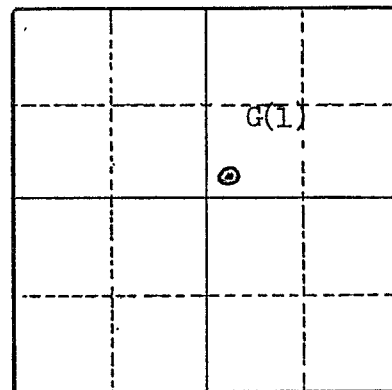
STATE WELL NO. 5/2W-26G(1)
COUNTY Marion
APPLICATION NO. GR-218

OWNER: City of Gervais MAILING ADDRESS:

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

SW 1/4 NE 1/4 Sec. 26 T. 5 S. R. 2 E. W.M.

Bearing and distance from section or subdivision
corner 150' N. & 80' E. from center of Sec. 26



Section 26

Altitude at well 183'

TYPE OF WELL: Drilled Date Constructed 1928

Depth drilled 146 Depth cased 140

CASING RECORD:

10 inch, set from 0 to 128 feet
8 inch, set from 120 to 140 feet

FINISH:

8 inch casing is slotted

AQUIFERS:

Gravel and coarse sand from 122 to 146 feet

WATER LEVEL:

21.5 feet below land surface on July 31, 1929

PUMPING EQUIPMENT: Type No record 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 Public supply 80 gpm Temp. 56 °F. October 20, 1928

SOURCE OF INFORMATION U.S.G.S. Well 247 In WSP 890

DRILLER or DIGGER A. M. Janssen Drilling Co.

ADDITIONAL DATA:

Log ☒ Water Level Measurements ☐ Chemical Analysis ☒ Aquifer Test

REMARKS:

STATE ENGINEER

State Well No. 5/2W-26G(1)

County Marion

Application No. GR-218

Well Log

Owner: City of Gervais Owner's No. _____

Driller: A. M. Jannsen Drilling Company Date Drilled: 1928

[illegible]

Marion

5/20-26 (1)

Oregon State Board of Health

SANITARY ENGINEERING LABORATORY

REPORT OF MINERAL ANALYSIS OF WATER

Location of source Marion Description of source Well #1Analysis by J.H.P. Date 3/10/54 Collected by J.L.A. Date 2/7/54

RESULTS

	Parts per million
Turbidity	
Color: Apparent <u>8</u> True <u>3</u>	
Odor: Hot Cold	
Total Solids	218
Loss on Ignition	67
Silicon (SiO ₂)	32
Chloride (Cl)	.7
Sulfate (SO ₄)	0
Calcium (Ca)	23.2
Magnesium (Mg)	11.0
Aluminum (Al)	0
Orthophosphates (PO ₄)	.6
Metaphosphates (PO ₃) ₆	
Alkalinity (as CaCO ₃): Carbonate	0
Bicarbonate	150
Hardness (as CaCO ₃)	132
Sodium and Potassium (as Na)	9.5
Iron (Fe)	1.2
Manganese (Mn)	.1
Fluoride (F)	.5
Carbon Dioxide (CO ₂)	8
pH <u>7.6</u>	
Remarks	

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State Well No. 5/2W-26 G(1)
County MARION
Application No. GR 218

Chemical Analysis

OWNER City of Gervais OWNER'S NO. _____

ANALYST U.S. Geological Survey Address _____

Date of Collection October 20, 1928

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	48	
Iron (Fe) Total	1.17	
Manganese (Mn)		
Calcium (Ca)	25	
Magnesium (Mg)	18	
Sodium (Na)	15	
Potassium (K)	1.7	
Bicarbonate (HCO ₃)	193	
Carbonate (CO ₃)		
Sulfate (SO ₄)	2.9	
Chloride (Cl)	3.5	
Fluoride (F)		
Nitrate (NO ₃)	1.1	
Boron (B)		
Dissolved Solids	204	
Hardness as CaCO ₃	136	
Specific Conductance (Micromhos at 25°C)		
pH		
Percent Sodium		20.3
Sodium Absorption Ratio (S.A.R.)		
CLASS		

STATE ENGINEER
Salem, Oregon

State Well No. 5/2W-26G1

County Marion

Application No. _____

Chemical Analysis

OWNER City of Gervais

OWNER'S NO. _____

ANALYST USGS

Address Portland, Oregon

Date of Collection 6-10-52

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	47	
Iron (Fe) Total	.02	
Manganese (Mn)		
Calcium (Ca)	25	
Magnesium (Mg)	17	
Sodium (Na)	15	
Potassium (K)	2.2	
Bicarbonate (HCO ₃)	192	
Carbonate (CO ₃)		
Sulfate (SO ₄)	1.7	
Chloride (Cl)	11	
Fluoride (F)	.1	
Nitrate (NO ₃)	2.0	
Boron (B)		
Dissolved Solids	216	
Hardness as CaCO ₃	132	
Specific Conductance (Micromhos at 25°C)	308	
pH	7.7	
Percent Sodium	19	
Sodium Absorption Ratio (S.A.R.)		
CLASS		