

STATE ENGINEER  
Salem, Oregon

UNMO  
2365 Well Record

STATE WELL NO. 4/39-11H1 ad  
COUNTY UNION  
APPLICATION NO.

OWNER: W. H. Woodruff

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 2,718

TYPE OF WELL: Drilled Date Constructed 1950

Depth drilled 337 482 Depth cased

Section

CASING RECORD:

14 inch

FINISH:

AQUIFERS:

Gravel, pea-sized, and sand from 310 to 337

WATER LEVEL:

Flows

PUMPING EQUIPMENT: Type Turbine H.P.  
Capacity 3000 G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation, stock Temp. °F., 19

SOURCE OF INFORMATION USGS

DRILLER or DIGGER

ADDITIONAL DATA:

Log X Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Pumped 1,150 gpm, drawdown 65 ft; 3,000 gpm, drawdown 95 ft.  
Flows 60 gpm.  
Requires 2 weeks for artesian flow to return after pumping for 30 days.

## Chemical Analysis

OWNER W. H. Woodruff OWNER'S NO. \_\_\_\_\_

ANALYST USGS Address Portland, Oregon

Date of Collection 8/22/57

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

	P.P.M.	E.P.M.
Silica (SiO <sub>2</sub> )	34	
Iron (Fe) Total	.00	
Manganese (Mn)	.03	
Calcium (Ca)	11	
Magnesium (Mg)	4.3	
Sodium (Na)	25	
Potassium (K)	4.2	
Bicarbonate (HCO <sub>3</sub> )	104	
Carbonate (CO <sub>3</sub> )	0	
Sulfate (SO <sub>4</sub> )	7.4	
Chloride (Cl)	8.8	
Fluoride (F)	.3	
Nitrate (NO <sub>3</sub> )	.4	
Boron (B)		
Dissolved Solids	146	
Hardness as CaCO <sub>3</sub>	45	
Specific Conductance (Micromhos at 25°C)	207	
pH	8.0	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)	1.6	
CLASS		

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## Well Log

Owner: W. H. Woodruff Owner's No. \_\_\_\_\_

Driller: Charles Moore Date Drilled 1951

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Alluvial fan deposits:			
Soil, brown	0	3	3
Gravel and clay, hard, tan	3	26	23
Sand, gravel, and clay, tan	26	32	6
Sand and clay, tan	32	38	6
Gravel, pea-sized, and clay, tan	38	50	12
Gravel, cemented, tan	50	54	4
Sand and clay, tan	54	56	2
Gravel, cemented, tan	56	68	12
Clay and sand, tan	68	70	2
Gravel, cemented, tan	70	80	10
Gravel and clay, tan	80	90	10
Clay and sand, tan	90	96	6
Gravel and clay, tan	96	121	25
Clay and sand, sticky, tan	121	141	20
Clay and gravel, tan	141	158	17
Clay, sand, and gravel	158	189	31
Sand and clay, blue	189	196	7
Clay and gravel, sticky, blue	196	204	8
Sand, fine, and clay, blue	204	222	18
Clay and gravel (static water level 1½ ft.)	222	227	5
Clay and sand, blue	227	242	15
Clay and gravel (static water level 1 ft.)	242	245	3
Sand, hard, and clay, blue	245	258	13

(Continued)

