

STATE ENGINEER
Salem, Oregon

8133 OBSERVATION WELL
MIZUMAKI Well Record

STATE WELL NO. 7/3W-316111
COUNTY MARION
APPLICATION NO.

OWNER: Carl Heyden

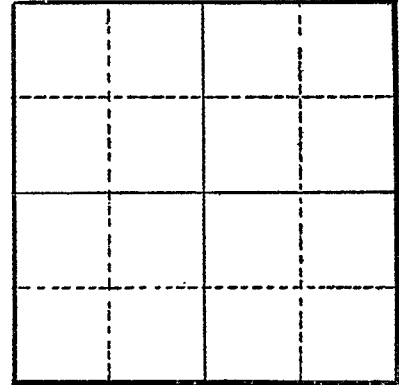
MAILING ADDRESS: Rt 3

LOCATION OF WELL: Owner's No.

CITY AND STATE: Salem Or. eg. us

SW 1/4 NE 1/4 Sec. 31 T. 7 N. S. R. 3 E. W., W.M.

Bearing and distance from section or subdivision corner



Section

Altitude at well

TYPE OF WELL: Drilled Date Constructed

Depth drilled 47 Depth cased

CASING RECORD:

FINISH:

AQUIFERS:

WATER LEVEL:

PUMPING EQUIPMENT: Type 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 Domestic Temp. °F., 19

SOURCE OF INFORMATION Owner

DRILLER or DIGGER

ADDITIONAL DATA:
Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

OREGON STATE BOARD OF HEALTH

Mineral Content of Water

Name of Water Supply _____

Source Karl Heyden Well 316

Sampling Point Illahe Country Club Area

Collected By Jack Seeva Date 7/31/61

Analysis By L. L. Lowrie Date 8/11/61

Laboratory Number _____

	<u>Mg/L</u>		<u>Mg/L</u>
Color	2.0	Conductance (mc mho/cm)	210.0
Turbidity	5.0	Chlorides	4.5
Solids, Total	175.0	Sodium	8.0
Solids, Volatile	39.0	Potassium	< 1.0
Carbon Dioxide (Calc.)	50.0	Fluoride	0.1
pH	6.40	Phosphates	0.10
Alkalinity, Total as CaCO ₃	64.0	Sulfates	20.9
Hardness as CaCO ₃	92.0	Silicon	45.0
Calcium	13.6	Aluminum	< 0.05
Magnesium (Calc.)	14.1	Nitrogen, Ammonia	0.20
Iron	< 0.05	Nitrogen, Nitrite	< 0.005
Manganese	< 0.05	Nitrogen, Nitrate	3.8
		Alkyl Benzyl Sulfonates	< 0.05

REMARKS

OREGON STATE BOARD OF HEALTH

Mineral Content of Water

Name of Water Supply _____

Source Karl Heyden Well 7/3W - 31 G₁

Sampling Point Illahe Country Club Area

Collected By Jack Sceva Date 8-11-61

Analysis By _____ Date _____

Laboratory Number _____

Mg/L

Color _____

Turbidity _____

Solids, Total _____

Solids, Volatile _____

Carbon Dioxide _____

pH 6.62

Alkalinity, Total as CaCO₃ 59.5

Hardness as CaCO₃ _____

Calcium _____

Magnesium _____

Iron _____

Manganese _____

Mg/L

Conductance (mc mho/cm) _____

Chlorides 4.75

Sodium _____

Potassium _____

Fluoride _____

Phosphates 0.308

Sulfates _____

Silicon _____

Aluminum _____

Nitrogen, Ammonia 0.59

Nitrogen, Nitrite _____

Nitrogen, Nitrate 5.55

REMARKS _____

OREGON STATE BOARD OF HEALTH

Mineral Content of Water

Name of Water Supply Illahe Country Club

Source Karl Heyden (28) 7/3W-31G₁

Sampling Point Illahe Country Club Area

Collected By Jack Sceva Date 8-18-61

Analysis By L. L. Lowrie Date _____

Laboratory Number _____

	<u>Mg/L</u>	<u>Mg/L</u>
Color	_____	Conductance (mc mho/cm) _____
Turbidity	_____	Chlorides <u>5.78</u>
Solids, Total	_____	Sodium _____
Solids, Volatile	_____	Potassium _____
Carbon Dioxide	_____	Fluoride _____
pH <u>7.4</u>		Phosphates <u>0.105</u>
Alkalinity, Total as CaCO ₃ <u>65.0</u>		Sulfates _____
Hardness as CaCO ₃ _____		Silicon _____
Calcium _____		Aluminum _____
Magnesium _____		Nitrogen, Ammonia <u>0.49</u>
Iron _____		Nitrogen, Nitrite _____
Manganese _____		Nitrogen, Nitrate <u>> 0.75 -> 0.82</u>

REMARKS _____

OREGON STATE BOARD OF HEALTH

Mineral Content of Water

Name of Water Supply Illahe Country Club

Source W-11 7/3w-31G

Sampling Point Illahe Country Club Area

Collected By Jack Sceva Date 9-15-61

Analysis By L. L. Lowrie Date _____

Laboratory Number _____

	<u>Mg/L</u>		<u>Mg/L</u>
Color	2.0	Conductance (mc mho/cm)	177.0
Turbidity	0.0	Chlorides	4.34
Solids, Total	112.0	Sodium	21.5
Solids, Volatile	0.0	Potassium	_____
Carbon Dioxide	_____	Fluoride	_____
pH	7.10	Phosphates	0.081
Alkalinity, Total as CaCO ₃	62.5	Sulfates	_____
Hardness as CaCO ₃	97.5	Silicon	_____
Calcium	_____	Aluminum	_____
Magnesium	_____	Nitrogen, Ammonia	0.46
Iron	_____	Nitrogen, Nitrite	_____
Manganese	_____	Nitrogen, Nitrate	> 2.0
SWL	< 1.0		

REMARKS _____

