

STATE ENGINEER
Salem, Oregon

MARION 9670

Well Record

STATE WELL NO. 8/2W-8cc
COUNTY Marion
APPLICATION NO. GR-61

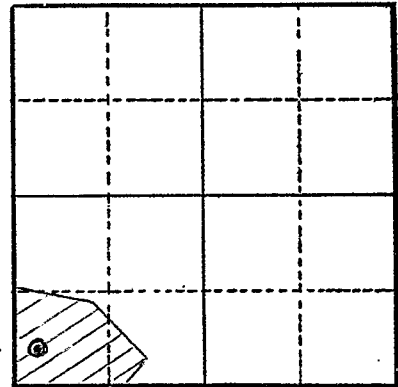
OWNER: Oregon State Board of Control

MAILING ADDRESS: _____

LOCATION OF WELL: Owner's No. 1

CITY AND STATE: Salem, Oregon

SW 1/4 SW 1/4 Sec. 8 T. 8 S., R. 2 W., W.M.



Bearing and distance from section or subdivision corner 490 feet North and 380 feet East from the SW Corner of Section 8

Altitude at well 245 ± Interpolated

TYPE OF WELL: Sump Date Constructed April, 1954

Depth drilled 24 feet Depth cased _____

Section 8

CASING RECORD:

Covered trench and tile field 17,000 feet long, 4 to 10 feet wide, 20-24 feet deep

FINISH:
none

AQUIFERS:

WATER LEVEL:

PUMPING EQUIPMENT: Type Ingersoll, Rand - Centrifugal H.P. 40
Capacity 500 G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation 120 acres Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION GR-53

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log no _____ Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

Infiltration trench

Marion

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Oregon State Board of Health

SANITARY ENGINEERING LABORATORY

REPORT OF MINERAL ANALYSIS OF WATER

Geology Form

Location of source State Hosp. Annex Description of source Deep wells
Box No. BOX NO. 31122
 Analysis by GLT MHP Date 2-27-55 Collected by BJW Date 8-9-55

RESULTS

	<u>Parts per million</u>
Turbidity	5
Color: Apparent	1
Odor: Hot	Cold
Total Solids	
Loss on Ignition	50
Silicon (SiO ₂)	
Chloride (Cl)	6.9
Sulfate (SO ₄)	2.2
Calcium (Ca)	20
Magnesium (Mg)	12
Aluminum (Al)	0
Orthophosphates (PO ₄)	.26
Metaphosphates (PO ₃) ₆	
Alkalinity (as CaCO ₃): Carbonate	0
Bicarbonate	100
Hardness (as CaCO ₃)	99
Sodium and Potassium (as Na)	
Iron (Fe)	.01
Manganese (Mn)	0
Fluoride (F)	.2
Carbon Dioxide (CO ₂)	2.0
pH	5.0
Remarks	K ⁺ = 1 ppm