

STATE ENGINEER
Salem, Oregon

Well Record

STATE WELL NO. 8/3W-3H(1.)
COUNTY Marion
APPLICATION NO. GR- 14

OWNER: Salem Heights Water District

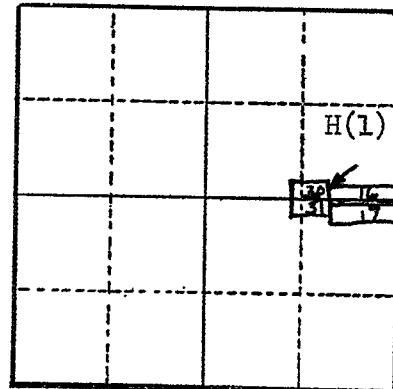
MAILING ADDRESS: 3725 S. Commercial St.

LOCATION OF WELL: Owner's No. Butler #4

CITY AND STATE: Salem, Oregon

SE 1/4 NE 1/4 Sec. 3 T. 8 S. R. 3 W., W.M.

Bearing and distance from section or subdivision
corner 354' W. of SE cor. of Lot #30 of the
Smith Fruit Farms- on Madronna Ave.



Altitude at well 316.23 by survey

TYPE OF WELL: Drilled Date Constructed June 1954

Depth drilled 296' Depth cased 81'

Section 3

CASING RECORD:

8 inch from 0 to 81 feet. #25 casing

FINISH:

None

AQUIFERS:

Basalt from 29 to 296 feet

WATER LEVEL:

29 feet below land surface (June 1954)

PUMPING EQUIPMENT: Type Berkeley, turbine H.P. 25 + 10 B'st
Capacity 135 G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Municipal Temp. °F. 19

SOURCE OF INFORMATION GR- 12

DRILLER or DIGGER

ADDITIONAL DATA:

Log X Water Level Measurements X Chemical Analysis Aquifer Test

REMARKS:

Well pumped 30 min. on July 1961 and broke suction.(wsb)

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Well Log

Owner: Salem Heights Water District Owner's No. Butler well

Driller: _____ Date Drilled June 1954[illegible]

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State Well No. 8/3W-3H (1)

County Marion

Application No. _____

Water Level Record

OWNER: Salem Heights Water Dist. OWNER'S NO. #4 (Butler)

Description of measuring point: Owners Airline gage on East side of pump base
which is 0.5 feet above L.S.D.

286' Airline [296 feet deep] Elev. - 316.23 Ft.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
1-20-58	137.66	64*			
3-4-58	135.65	65*			
4-1-58	137.66	64*			
6-4-58	133.34	66*			
9-1-58	160.76	54*			
9-23-58	142.28	62*			
12-1-58	139.97	63*			
4-1-59	133.34	66*			
10-31-59	137.66	64*			
11-30-59	137.65	64*			
2-2-60	135.65	65*			
3-7-60	135.65	65*			
4-1-60	135.65	65*			
4-29-60	137.66	66*			
5-1-60	137.66	66*			
8-22-60	142.28	62*			
7-7-61	137.65	64*			
7-22-61	142.28	62*			

REMARKS: _____

Marion

B/3W-3H(1)

Oregon State Board of Health

SANITARY ENGINEERING LABORATORY

REPORT OF MINERAL ANALYSIS OF WATER

Location of source Salmon Heights Description of source well
 Analysis by MHP Date 2/10/55 Collected by JJA Date 2/6/55

RESULTS

	Parts per million
Turbidity	0
Color: Apparent	0
True	0
Odor: Hot	0
Cold	0
Total Solids	66
Loss on Ignition	10
Silicon (SiO_2)	30
Chloride (Cl)	2.9
Sulfate (SO_4)	5.6
Calcium (Ca)	3.6
Magnesium (Mg)	5.6
Aluminum (Al)	0
Orthophosphates (PO_4)	0
Metaphosphates (PO_3)	0
Alkalinity (as CaCO_3): Carbonate	0
Bicarbonate	66
Hardness (as CaCO_3)	66
Sodium and Potassium (as Na)	5.6
Iron (Fe)	0.1
Manganese (Mn)	0
Fluoride (F)	0
Carbon Dioxide (CO_2)	3.7
pH	7.1
Remarks	