

STATE ENGINEER
Salem, Oregon

Well Record

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

OWNER: Salem Heights Water District

MAILING ADDRESS: 3725 S. Commercial St.

LOCATION OF WELL: Owner's No. Deitz #2

CITY AND STATE: Salem, Oregon

SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3 T. 8 N. S., R. 3 W., W.M.

Bearing and distance from section or subdivision

corner 67' W. of NE cor. of lot #70 of the
Ewald Fruit Farms.

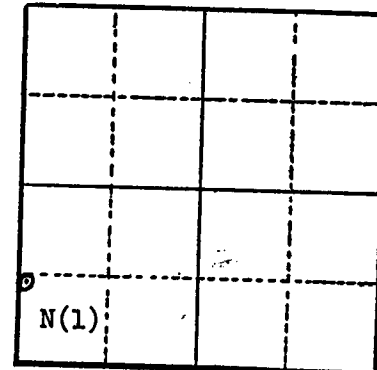
Altitude at well 370.86

TYPE OF WELL: Drilled Date Constructed Feb. 1954

Depth drilled 259' Depth cased 29'

CASING RECORD:

8 inch from 0 to 29 feet



Section 3

FINISH:

None

AQUIFERS:

Basalt from 21' to 259'

WATER LEVEL:

21' below land surface (Feb. 1954)

PUMPING EQUIPMENT: Type Berkeley, turbine

Capacity 100 G.P.M. H.P. 15+7 $\frac{1}{2}$ b'st

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 Duffield Bros., Salem, Oregon

ADDITIONAL DATA:

Log ☒ Water Level Measurements ☒ Chemical Analysis ☐ Aquifer Test ☐

REMARKS:

* Unable to measure this well.

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

County MARION

Application No. _____

Water Level Record

OWNER: Salem Heights Water Dist. OWNER'S NO. 2 ^{"Deitz"} ~~(Salem)~~

Description of measuring point: Owners Air line & gage (State gage)

(252 feet at air line) Well-259' deep 29 ft. of 8" casing

Date	Water Level Feet (above) Land Surface	Remarks	Date	Water Level Feet (above) Land Surface	Remarks
3-4-58	210.42	18*			
4-1-58	210.42	18*			
6-4-58	224.28	12* Pumping			
9-1-58	217.35	15*			
9-23-58	212.73	17*			
12-21-58	210.42	18*			
10-31-59	224.28	12*			
11-4-59	224.28	12*			
1-10-60	215.04	16*			
2-2-60	219.66	14*			
3-7-60	217.35	15*			
4-1-60	217.35	15*			
4-29-60	213.88	17 1/2*			
5-1-60	213.88	17 1/2*			
11-30-60	216.00	16*			
1-10-61	215.04	16*			
5-30-61	218.	14*			
7-7-61	228.90	10*			
7-6-61	209	RPT			

REMARKS: _____

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Marion
Oregon State Board of Health
SANITARY ENGINEERING LABORATORY

8/30-31/11

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REPORT OF MINERAL ANALYSIS OF WATER

Location of source Salon District Description of source well #2

Analysis by MHP Date 2/10/55 Collected by JLA Date 12/4/54

RESULTS

	Parts per million
Turbidity	7
Color: Apparent	True 7
Odor: Hot	Cold
Total Solids	11.8
Loss on Ignition	52
Silicon (SiO ₂)	1.4
Chloride (Cl)	6.8
Sulfate (SO ₄)	2.6
Calcium (Ca)	11
Magnesium (Mg)	7.9
Aluminum (Al)	0
Orthophosphates (PO ₄)	.4
Metaphosphates (PO ₃) ₆	
Alkalinity (as CaCO ₃): Carbonate	0
Bicarbonate	1.9
Hardness (as CaCO ₃)	7.5
Sodium and Potassium (as Na)	7.1
Iron (Fe)	.9
Manganese (Mn)	0
Fluoride (F)	.1
Carbon Dioxide (CO ₂)	3.2
pH	7.5
Remarks	