

STATE ENGINEER  
Salem, Oregon

OBSERVATION WELL  
Well Record

STATE WELL NO. 3/1W-16R(1)  
COUNTY Clackamas  
APPLICATION NO. G-1517  
PERMIT G-1384

CLAC  
08231

OWNER: State of Oregon  
MAILING ADDRESS: Dammasch State Hospital

LOCATION OF WELL: Owner's No. 2  
CITY AND STATE:

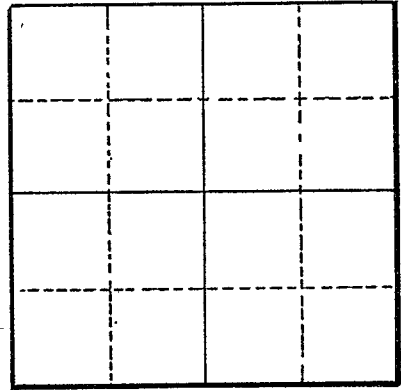
SE 1/4 SE 1/4 Sec. 16 T. 3 N. S. R. 1 E. W., W.M.

Bearing and distance from section or subdivision corner

Altitude at well

TYPE OF WELL: Dr. Date Constructed 1960

Depth drilled 1000' Depth cased



Section 16

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 \_\_\_\_\_ Temp. \_\_\_\_\_ °F. \_\_\_\_\_, 19\_\_\_\_

SOURCE OF INFORMATION \_\_\_\_\_

DRILLER or DIGGER \_\_\_\_\_

ADDITIONAL DATA:  
Log  Water Level Measurements \_\_\_\_\_ Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

REMARKS:

Appl. - G1517

PER - G-1384

3/W-16R(1)

Clackamas Co.

Log - Water Supply Well No. 2  
Dammasch State Hospital  
Clackamas County, Oregon

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MAR 3 1961

STATE ENGINEER  
SALMON OREGON

0'	to	18'	yellow clay	929'	to	941'	black rock
18		53	blue clay	941		971	hard grey rock
53		96	red clay	971		973	soft black rock (water)
96		100	rock	973		994	black rock (with water)
100		121	blue clay	994		1000	grey rock
121		128	rock				
128		153	red clay				
153		158	rock				
158		240	blue clay				
240		243	black fractured rock				
243		247	sand & rock				
247		305	clay & rock mixed				
305		310	rock				
310		332	red clay				
332		340	clay & wood				
340		346	black rotten rock				
346		372	grey basalt				
372		379	fractured & broken rock				
379		415	rock rough broken				
415		423	soft broken rock				
423		450	broken rock rough				
450		464	soft black rock				
464		515	grey basalt rock				
515		536	soft black slightly fractured rock				
536		539	hard grey rock				
539		541	black fractured rock w/rust colored sand rock shells				
541		544	seamy rock rough				
544		555	hard grey rock				
555		569	rough broken rock				
569		600	hard blue grey rock				
600		607	blue grey rock				
607		609	soft grey rock				
609		620	hard blue grey rock				
620		621	broken rock				
621		624	grey rock				
624		625	crevice				
625		631	grey rock				
631		636	course black rock				
636		678	crevices - grey rock				
678		688	soft grey rock				
688		699	cracks & hard rock				
699		709	hard lava type rock				
709		749	grey hard rock				
749		752	wide sloping crevice				
752		815	black rock				
815		817	crevices & hard rock				
817		880	light grey rock				
880		908	dark grey rock - hard - abrasive				
908		929	crevices & broken rock				

Willamette  
Sediments ↑

Volcanics ↓

RECEIVED

APR 20 1960

STANTON, BOLES, MAGUIRE & CHURCH  
ARCHITECTS

STATE ENGINEER  
Salem, Oregon

State Well No. 3/1W-16R(1)

County CLACKAMAS

Application No. G-1517

### Water Level Record

OWNER: STATE OF OREGON OWNER'S NO. 2

Description of measuring point: OWNERS AIRLINE & GAGE

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
9-19-61	50' - OK	8:30 AM EP STATIC			
10-5-61	55'	8:45 AM ✓ STATIC			
10-17-61	50'	8:30 AM - STATIC			
10-19-61	50'	1:30 PM - STATIC			
10-31-61	50'	4:45 PM ✓ STATIC			
11-15-61	55'	✓ PUMPING			
11-30-61	50'	✓ STATIC			

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## OREGON STATE BOARD OF HEALTH

Mineral Content of Water

Name of Water Supply Damash  
 Source Well #2  
 Sampling Point Wellhead  
 Collected By F.G. Katzel Date 3-2-65  
 Analysis By A.W. Hose Date 3-10-65  
 Laboratory Number 921

	<u>Mg/L</u>		<u>Mg/L</u>
Color	<u>110</u>	Conductance (mc mho/cm)	<u>407</u>
Turbidity	<u>27</u>	Chlorides	<u>83.5</u>
Solids, Total	<u>315</u>	Sodium	<u>9.2</u>
Solids, Volatile	<u>96</u>	Potassium	<u>2.0</u>
Carbon Dioxide	<u>8</u>	Fluoride	<u>0.31</u>
pH	<u>7.5</u>	Phosphates	<u>&lt; 0.01</u>
Alkalinity, Total as CaCO <sub>3</sub>	<u>134</u>	Sulfates	<u>1.0</u>
Hardness as CaCO <sub>3</sub>	<u>175</u>	Silicon	<u>38</u>
Calcium	<u>41.6</u>	Aluminum	<u>&lt; 0.02</u>
Magnesium	<u>17.2</u>	Nitrogen, Ammonia	<u>0.53</u>
Iron	<u>3.8</u>	Nitrogen, Nitrite	<u>&lt; 0.01</u>
Manganese	<u>0.10</u>	Nitrogen, Nitrate	<u>&lt; 0.01</u>
Arsenic	<u>&lt; 0.005</u>		

REMARKS