

RECEIVED
 DEC 9 1958
 STATE ENGINEER
 SALEM, OREGON

OBSERVATION WELL WATER WELL REPORT
 STATE OF OREGON

TILL
654
 State Well No.

2/qw-5 ETT
 bcb

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

State Permit No. **G 842**

(1) OWNER:
 Name Tillamook Water Commission
 Address Tillamook, Oregon

(2) LOCATION OF WELL:
 County Tillamook Owner's number, if any— 1
SW 1/4 of NW 1/4 Section 5 T. 2S R. (9W W.M.)
 Bearing and distance from section or subdivision corner
1410.54 ft S and 53.62 ft East from the NW corner of section ~~Section 5~~

(3) TYPE OF WORK (check):
 New Well Deepening Reconditioning Abandon
 If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check): Domestic Industrial Municipal Irrigation Test Well Other
(5) TYPE OF WELL: Rotary Cable Dug Driven Jetted Bored

(6) CASING INSTALLED: Threaded Welded
16" Diam. from 0 ft. to 146-6 ft. Gage 3/8
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS: Perforated? Yes No
 Type of perforator used MILLS PERFORATOR
 SIZE of perforations 3/8 in. by 24 in.
3/8 perforations from 88 ft. to 93 ft.
3/8 perforations from 135 ft. to 140 ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

(8) SCREENS: Well screen installed Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 _____ Slot size _____ Set from _____ ft. to _____ ft.
 Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION: Was well gravel packed? Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.
 Was a surface seal provided? Yes No To what depth? 1.2 ft.
 Material used in seal— concrete
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(10) WATER LEVELS:
 Static level 21 ft. ft. below land surface Date JULY 29
 Artesian pressure _____ lbs. per square inch Date _____
 Log Accepted by: Tillamook Water Commission
 [Signed] _____ Date _____, 19____
 (Owner) Supt 7/31/58

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? Glenn Harty
 Yield: 1160 gal./min. with 20 ft. drawdown after 2 hrs.
 " 1250 " 43 " 3 "
 " 1320 " 66 " 5 "
 Bailor test gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow g.p.m. Date _____
 Temperature of water 50 Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well 16 inches.
 Depth drilled 146-7 ft. Depth of completed well 146 ft.
 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
TOP SOIL	0	20
BLUE Mud + Logs	20	41
COARSE SAND + Mud	41	50
BLUE Mud + Logs	50	68
BLUE Cemented Gravel	68	94
SHOWING OF WATER	90	92
Redish/Brown Cemented	94	134
GRAVEL WATER STRATA	134	140
Cemented Gravel	140	143
BLUE SHALE	143	146-7

Work started JUNE 30 1958 Completed JULY 31 1958

(13) PUMP: Manufacturer's Name Johnston
 Type: Turbine H.P. 75

Well Driller's Statement:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
 NAME Harty Bros. (Person, firm, or corporation) (Type or print)
 Address 3115 SW ILLINOIS BELLAND, Oregon
 Driller's well number _____
 [Signed] Glenn Harty (Well Driller)
 License No. 168 Date July 31, 1958

2/9w-56cb
Tillamook

OREGON STATE BOARD OF HEALTH

Mineral Content of Water

Name of Water Supply Tillamook
Source Well #1
Sampling Point Well Head
Collected By F.G. Katzel Date 2-3-65
Analysis By A.W. Hose Date 2-10-65
Laboratory Number 906

	<u>Mg/L</u>		<u>Mg/L</u>
Color	<u>2</u>	Conductance (mc mho/cm)	<u>221</u>
Turbidity	<u>27</u>	Chlorides	<u>10.7</u>
Solids, Total	<u>203</u>	Sodium	<u>12.6</u>
Solids, Volatile	<u>66</u>	Potassium	<u>0.5</u>
Carbon Dioxide	<u>39</u>	Fluoride	<u>0.21</u>
pH	<u>6.9</u>	Phosphates	<u>0.35</u>
Alkalinity, Total as CaCO ₃	<u>150</u>	Sulfates	<u>2.0</u>
Hardness as CaCO ₃	<u>138</u>	Silicon	<u>50</u>
Calcium	<u>30.0</u>	Aluminum	<u>< 0.02</u>
Magnesium	<u>15.3</u>	Nitrogen, Ammonia	<u>0.64</u>
Iron	<u>0.11</u>	Nitrogen, Nitrite	<u>0.01</u>
Manganese	<u>0.8</u>	Nitrogen, Nitrate	<u>0.05</u>
Arsenic	<u>< 0.005</u>		

REMARKS

