ORIGINAL
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OBSERVATION WELL WATER WELL REPORT
STATE OF OREGON

State Well No. 18/4W-3 L.
State Permit No. LANE 16771

(1) OWNER:
Name NILS HULT
Address Rt 3 Bailey Hill rd.
EUGENE

(2) LOCATION OF WELL:
County LANE Owner's number, if any— H-2
¼ ¼ Section 3 T. 18 R. 4 W.M.
Bearing and distance from section or subdivision corner
Block 4 of Cher
about 500' feet south and 865' feet west of SW cor of lot 4 Block 4 Cherry Lands plat

(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 ☐ Driven ☐
Cable ☑ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:
Threaded ☐ Welded ☑
..... " Diam. from ..... ft. to ..... ft. Gage .....
..... " Diam. from ..... ft. to ..... ft. Gage .....
..... " Diam. from ..... ft. to ..... ft. Gage .....

(7) PERFORATIONS:
Perforated? ☐ Yes ☑ No
Type of perforator used
SIZE of perforations in. by in.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... 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. .....
Diam. ..... 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? ..... ft.
Material used in seal—
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 158 ft. below land surface Date Dec 7, 1957
Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] ..... Date ....., 19.....
(Owner)

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☑ Yes ☐ No If yes, by whom?
Yield: 50 gal./min. with 31.5 ft. drawdown after 1½ hrs.
" 60 " 62 " 2½ "
" 48 " 57 " 6¾ "
Bailer test 20 gal./min. with 10 ft. drawdown after 1½ hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☑ No

(12) WELL LOG:
Diameter of well 6 inches.
Depth drilled 240 ft. Depth of completed well 240 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
weathered ss & clay	0	33
tuffaceous ss blue gray	33	84
soft red tuffaceous ss	84	122
blue gray tuffaceous ss nl water until 230	122	241

Work started 11-14 1957 Completed 12-7 1957

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

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 Mark Christensen
(Person, firm, or corporation) (Type or print)
Address 3550 W. 18th Eugene
Driller's well number .....
[Signed] Mark Christensen
(Well Driller)
License No. 97 Date Jan 23, 1958

(USE ADDITIONAL SHEETS IF NECESSARY)

STATE ENGINEER
Salem, Oregon

State Well No. 18/4W-3L

County Lane

Application No.

Chemical Analysis

OWNER Nils B. Hult OWNER'S NO.

ANALYST A. S. Van Denburgh USGS Address Portland, Oregon

Date of Collection March 27, 1963

Point of Collection Between pump and tank

	P.P.M.	E.P.M.
Silica (SiO_2)	25	
Iron (Fe) Total	.16	
Manganese (Mn)	.0	
Calcium (Ca)	12	0.60
Magnesium (Mg)	5.0	.41
Sodium (Na)	136	5.92
Potassium (K)	1.6	.04
Bicarbonate (HCO_3)	281	4.61
Carbonate (CO_3)	0	.00
Sulfate (SO_4)	67	1.39
Chloride (Cl)	36	1.02
Fluoride (F)	.4	.02
Nitrate (NO_3)	.8	.01
Aluminum (Al)	.1	
Boron (B)	1.3	
Arsenic (As)	.09	
Orthophosphate ($asPO_4$)	.36	
Dissolved Solids	424	
Hardness as $CaCO_3$	50	
Specific Conductance (Micromhos at 25°C)	672	
pH	8.1	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		

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