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STATE ENGINEER
SALEM, OREGON

MAR 4792

WATER WELL REPORT
STATE OF OREGON

State Well No. 6/3W-2F

State Permit No. G1687

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

(1) OWNER:
Name LaVerne Todd
Address Toledo Ore.

(2) LOCATION OF WELL:
County MARION Owner's number, if any—

¼ ¼ Section T. R. W.M.

Bearing and distance from section or subdivision corner

(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 ☒

12 " Diam. from 0 ft. to 242 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 ¾ X 2 in.

____ perforations from ____ ft. to ____ ft.
24 perforations from 40 ft. to 43 ft.
24 perforations from 63 ft. to 65 ft.
240 perforations from 190 ft. to 230 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? 70 ft.

Material used in seal— puddled clay

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? Depth of strata

Method of sealing strata off

(10) WATER LEVELS:
Static level ____ ft. below land surface Date

Artesian pressure ____ lbs. per square inch Date

Log Accepted by

[Signed] LaVerne Todd (Owner) Date 10-23-, 1959

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level Drilling Co.

Was a pump test made? ☒ Yes ☐ No If yes, by whom? Willamette

Yield: 1.75 gal./min. with 210 ft. drawdown after 4 hrs.
" 775 " 35 " 4 "
" 900 " 35 " 4 "

Bailer test ____ gal./min. with ____ ft. drawdown after ____ hrs.

Artesian flow 110 g.p.m. Date 10-15-59

Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:
Diameter of well 12 inches.

Depth drilled 240 ft. Depth of completed well 246 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 black dirt	0	5
brown sticky clay	5	20
brown sandy clay	20	30
black sandy clay	30	35
sand + gravel scattered clay	35	40
clean gravel very little w.	40	45
gravel + silt	45	62
clean gravel v. little w.	62	65
sandy silt + gravel	65	73
black peat	73	84
blue shale	84	130
black silty shale	130	147
gray shale with gun stks	147	148
packed black sand	148	183
black sand + gravel clay	183	223
strks scattered through sand + gravel tr clay + silt	223	229
green shale	229	235
brown black shale	235	244
gray green black shale with thin layers sand & gravel	244	246
black shale hard crumbly	244	250

Work started Sept 8 19 . Completed Oct 16 1959

(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 WILLAMETTE DRILLING CO.
(Person, firm, or corporation) (Type or print)

Address ____

Driller's well number 507

[Signed] Irving Sears (Well Driller)

License No. 8 Date 10-22, 1959

(USE ADDITIONAL SHEETS IF NECESSARY)

STATE ENGINEER
Salem, Oregon

State Well No. 6/3W-2F1

County Marion

Application No.

Chemical Analysis

OWNER LaVerne Todd OWNER'S NO.

ANALYST USGS Address Portland, Oregon

Date of Collection 6-1-60

Point of Collection

	P.P.M.	E.P.M.
Silica (SiO_2)	41	
Iron (Fe) Total	.29	
Manganese (Mn)		
Calcium (Ca)	21	
Magnesium (Mg)	13	
Sodium (Na)	21	
Potassium (K)	2.2	
Bicarbonate (HCO_3)	180	
Carbonate (CO_3)	0	
Sulfate (SO_4)	1.6	
Chloride (Cl)	5.5	
Fluoride (F)	.1	
Nitrate (NO_3)	.2	
Boron (B)		
Dissolved Solids	195	
Hardness as $CaCO_3$	107	
Specific Conductance (Micromhos at 25°C)	273	
pH	7.9	
Percent Sodium	29	
Sodium Absorption Ratio (S.A.R.)	.9	
CLASS		

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