

**RECEIVED**  
 OCT 1 1962  
 STATE ENGINEER  
 SALEM, OREGON

**OBSERVATION WELL**  
**WATER WELL REPORT**  
 STATE OF OREGON

*Lake*  
*1921*

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

State Well No. 37/20-34R  
 State Permit No. \_\_\_\_\_

G-4112

(1) OWNER:  
 Name ROBERT WEIR JR.  
 Address Rt +2  
Salem, Oregon

(2) LOCATION OF WELL:  
 County Lake Owner's number, if any—  
SE 1/4 SE 1/4 Section 34 T. 37S R. 20E 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 Top ft. to 6.65 ft. Gage 2.19 W.M.  
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

(7) PERFORATIONS:  
 Perforated?  Yes  No  
 Type of perforator used Torch  
 SIZE of perforations 1/8 in. by 8 in.  
1160 perforations from 1.55 ft. to 6.65 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.  
 \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(9) CONSTRUCTION:  
 Was well gravel packed?  Yes  No Size of gravel: 3/4 min.  
 Gravel placed from Top ft. to 6.65 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 38' ft. below land surface Date 4/15/62  
 Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

Log Accepted by: R. Weir Jr.  
 [Signed] \_\_\_\_\_ Date 5/20, 1962  
 (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? Inaugural  
 Yield: 1250 gal./min. with 87 1/2 ft. drawdown after 40 hrs.  
 " 1350 " 92 " 4 "  
 " " " " "  
 " " " " "  
 Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
 Temperature of water 70 Was a chemical analysis made?  Yes  No

(12) WELL LOG: Diameter of well 12" inches.  
 Depth drilled 808' ft. Depth of completed well 808' 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	2
Yellow chalk	2	40
yellow chalky sandstone	40	90
Blue sticky clay	90	105
Blue shale	105	125
Blue shale with sand mix	125	215
Hard sticky blue clay	215	235
Soft sandy blue shale	235	459
Rock -	459	463
Shale (some water)	463	465
Packed sand	465	495
Black basalt rock	495	503
Soft shale	503	505
Black basalt rock	505	508
Cemented washed gravel	508	517
loose washed gravel	517	519
loose washed gravel	519	525
loose coarse sand	525	540
Hard cemented gravel	540	544
coarse sand	544	555
hard sand (not rough cuttings)	555	585
Rock	585	588
cemented gravel	588	592
packed sand	592	605
sandstone (not rough cuttings)	605	635

Work started 2/5 1962 Completed 4/18 1962

(13) PUMP:  
 Manufacturer's Name Layne + Bowler Pump Co  
 Type: Deep Well Turbine H.P. 50

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 Oren Stevey (well drilling)  
 (Person, firm, or corporation) (Type or print)  
 Address Box 347 Davis, Calif.  
 Driller's well number \_\_\_\_\_  
 [Signed] Oren Stevey  
 (Well Driller)  
 License No. 194 Date 4/19, 1962

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OCT 1 1962

OBSERVATION WELL

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

WATER WELL REPORT

State Well No. 37/20-34R

STATE ENGINEER

STATE OF OREGON

State Permit No.

(1) OWNER:

Name Box and Jr.  
Address Salem, Oregon

(2) LOCATION OF WELL:

County Lake Owner's number, if any—  
1/4 1/4 Section T. R. W.M.  
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon   
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 top ft. to 665 ft. Gage 21903  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

(7) PERFORATIONS:

Perforated?  Yes  No

Type of perforator used Torch  
SIZE of perforations 1/4" in. by 8 in.  
1160 perforations from 155 ft. to 665 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. \_\_\_\_\_  
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: 3/4" minus  
Gravel placed from top ft. to 665 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 38 ft. below land surface Date 4/15/62  
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? Interstate Pump Co  
Yield: 1250 gal./min. with 84 ft. drawdown after 40 hrs.  
" 1350 " 92 " 4 "  
" " " " "

Bailer test gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

Artesian flow g.p.m. Date \_\_\_\_\_

Temperature of water 72° Was a chemical analysis made?  Yes  No

(12) WELL LOG:

Diameter of well \_\_\_\_\_ inches.

Depth drilled \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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
Coarse sandy gravel	635	645
sand	645	660
Hard sticky clay	660	666
clay (containing sand streaks)	666	675
sandstone (not enough cuttings)	675	690
Cemented gravel	690	700
Coarse cemented gravel	700	710
" " "	710	723
extra coarse cemented gravel	723	732
sandstone (not enough cuttings)	732	738
Hard sticky clay	738	755
Hard shale with sand streaks	755	762
sandy shale	762	785
hard shale	785	796
shale with streaks of washed gravel	796	802
Hard shale (quartzifying)	802	808

Work started \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

(13) PUMP:

Manufacturer's Name Layne + Bowler Pump Co  
Type: Deep Well Turbine HP. 50

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 Oren Storey well drilling  
(Person, firm, or corporation) (Type or print)

Address Box 347 - Davis Craig

Driller's well number \_\_\_\_\_

[Signed] Oren Storey  
(Well Driller)

License No. 194 Date 4/19, 1962