

WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310
within 30 days from the date
of well completion.

LAKE 4391
WATER WELL REPORT

RECEIVED

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. 265/SE-24a

State Permit No. G-8134

WATER RESOURCES DEPT.

(1) OWNER:

Name CODY J. PORTERFIELD

Address FR. ROCK, OR. 97735

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

14" Diam. from 7 1/2 ft. to -118 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

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.

(7) 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.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level

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

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " " " "

" " " " " "

AIR test 500 gal./min. with 90 ft. drawdown after 3 hrs.

Artesian flow _____ g.p.m.

Temperature of water 52° Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used PORTLAND CEMENT T&H

Well sealed from land surface to 118 ft.

Diameter of well bore to bottom of seal 18 in.

Diameter of well bore below seal 12 in.

Number of sacks of cement used in well seal 16 sacks

How was cement grout placed? GRAVITY FLOW

Was a drive shoe used? ☐ Yes ☒ No Plugs _____ Size: location _____ ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? _____ depth of strata _____

Method of sealing strata off _____

Was well gravel packed? ☐ Yes ☒ No Size of gravel: _____

Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County LAKE Driller's well number _____

CENTER NE 1/4 Section 24 T. 26S R. 15E W.M.

Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 95 ft.

Static level 20 ft. below land surface. Date 9-9-77

Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12

Depth drilled 550 ft. Depth of completed well 550 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
BRN SANDY SOIL	0	1	
BRN CLAY	1	41	
GRN CLAY	41	52	
BRN CLAY	52	95	
BLK SAND MED + Pumice	95	112	
DRK BRN CLAY + SAND	112	136	
CONGLOMERATE WB	136	142	30
GRAY ROCK BRKN	142	144	
BLACK SAND + Pumice	144	155	
BRN CLAY + BRN SAND FINE	155	159	
BRKN GRAY ROCK WB	159	164	
BLK SANDSTONE	164	171	
HD GRAY ROCK	171	235	
BLK SAND + BRN CLAY MED	235	252	
BLK SAND FINE TO MED	252	315	
GRN CLAY	315	410	
BLK SAND	410	417	
HD ROCK BRKN	417	445	
BLK SAND + BRN CLAY	445	485	
" " + GRN "	485	550	28'

Work started 8-30 1977 Completed 9-9 1977

Date well drilling machine moved off of well 9-9 1977

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] W.D. Williams Date 9-26, 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 864

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name William D. Williams
(Person, firm or corporation) (Type or print)

Address 3780 N.W. Oak Ln. Redmond, OR. 97755

[Signed] William D. Williams
(Water Well Contractor)

Contractor's License No. 665 Date 9-26, 1977