

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-18393
Date: June 4, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Phillip I. Marcy reviewed the application. Please see Phillip's Groundwater Review and the Well Report.

Applicant's Well #1 (CLAC 880): Based on a review of the Well Report and on a review of the Groundwater Application Review, Well #1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that according to the Well Report, the well is not sealed to the proper depth. In order to meet minimum construction standards, the well must be recased and resealed with an approved grout to a minimum depth of 200 feet bgs.

My recommendation is that the Department not issue a permit for Well #1 unless it is brought into compliance with current minimum well construction standards or information is provided showing that it is constructed to meet current minimum well construction standards.

The repair of Well #1 may not satisfy hydraulic connection issues.

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

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

(Do not write above this line)

State Well No. 1614E-2

State Permit No.

CLAC

00880

(1) OWNER:

Name Don Parker
Address 13220 SE 362--Boring, Ore. 97009

(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 ☐
☐ Bored ☐

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

6" Diam. from 0 ft. to 140 ft. Threaded ☐ Welded ☒
5 9/16" Diam. from 130 ft. to 300 ft. Gage 250
" Diam. from 130 ft. to 300 ft. Gage 188
" Diam. from 130 ft. to 300 ft. Gage 188

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used torch

Size of perforations 1/4 in. by 8 in.
78 perforations from 260 ft. to 300 ft.
perforations from 260 ft. to 300 ft.
perforations from 260 ft. to 300 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?
15 gal./min. with total drawdown after 2 hrs.
air rotary

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

Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 19 ft.
Diameter of well bore to bottom of seal 8/10 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 13 sacks
How was cement grout placed?

pressure pump

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 Clackamas Driller's well number D293-80

1/4 Section 2 T1S R. 4E W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 82 ft.

Static level 210 ft. below land surface. Date 4/25/80

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6

Depth drilled 300 ft. Depth of completed well 300 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
topsoil	0	1	
clay red sticky	1	43	
clay sandy brown	43	64	
gravel cemented w/clay	64	89	
gravel & boulders	89	125	
troutdale formation	125	158	
clay brown	158	230	
gravel & clay	230	256	
claystone brown	256	265	
sand stone	265	270	
sand black water/bear	270	285	
clay stone	285	290	
clay brown light	290	300	

Work started 4/24 1980 Completed 4/25/80 19

Date well drilling machine moved off of well 4/25/80 19

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. H. Mac Date 4/25/80, 19
(Drilling Machine Operator)

Drilling Machine Operator's License No. 595

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 S & M Drilling
(Person, firm or corporation) (Type or print)

Address 399 S E Walnut Canby, Ore 97013

[Signed] W. H. Mac (Water Well Contractor)

Contractor's License No. 497 Date 4/25/80, 19

(USE ADDITIONAL SHEETS IF NECESSARY)