

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19440
Date: May 13, 2025

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

Applicant's Well #1 (CLAC 12544): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

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

WATER WELL REPORT
STATE OF OREGON



OCT 21 1985

State Well No. 45/1E-27
State Permit No.

(1) OWNER:

Name Harold Donaldson
Address 26730 S Hwy 170
City Canby State Or

WATER RESOURCES
SALEM, OREGON

LOCATION OF WELL:

County Clackamas Driller's well number 277
NW 1/4 SW 1/4 Section 4S T. 1E R. W.M.
Tax Lot # 1600 Lot Blk Subdivision
Address at well location:

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air ☒ Driven ☐
Rotary Mud ☐ Dug ☐
☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐
Thermal: Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒
.8" Diam. from +1.8" ft. to .99 ft. Gauge .250
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

7.0" Diam. from 9.0" ft. to 130 ft. Gauge .188

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used Torch
Size of perforations 1/4 in. by 8 in.
42 perforations from .99 ft. to 130 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? Driller
180 gal./min. with 21 ft. drawdown after 1 hrs.
Air test gal./min. with drill stem at ft. hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used Cement
Well sealed from land surface to 19 ft.
Diameter of well bore to bottom of seal 12 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 22 sacks
How was cement grout placed? Pressure grouted from 19 ft. to land surface
Was pump installed? NO Type HP Depth ft.
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: ft.
Gravel placed from ft. to ft.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 34 ft.
Static level 43 ft. below land surface. Date 10/18/85
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 130 ft. Depth of completed well 130 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
Top soil	0	2	
Clay, brown	2	29	
Clay, blue	29	34	
*Gravel, compact, med.	34	56	
Clay, brown	56	59	
*Gravel, compact, med.	59	76	
Clay, brown	76	93	
*Gravel, sand, fine, comp.	93	101	
Clay, brown	101	102	
Gravel, compact, fine	102	108	
Clay, blue	108	116	
*Gravel, compact, fine	116	130	
Clay, blue	130		

Work started 10/14 19 85 Completed 10/18 19 85
Date well drilling machine moved off of well 10/18 19 85

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] Date 19

(Drilling Machine Operator)

Drilling Machine Operator's License No.

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 B. & G. Drilling

(Person, firm or corporation)

(Type or print)

Address 10030 S. Macksburg Rd. Canby, Or.

[Signed] George Wainwright

(Water Well Contractor)

Contractor's License No. 637 Date 10/18 19 85

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

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

SP*12658-690