

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19402
Date: March 10, 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 #Well 1 (Proposed): Well 1 is a proposed well, therefore it cannot be reviewed for construction. Construction of this proposed well shall be completed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240. During construction of this well, specific attention should be paid to ensure sealing requirements are met and that the well does not commingle aquifers.

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

Applicant's Well #Well 2 (CLAC 12433): Based on a review of the Well Report, Well 2 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that according to the Water Supply Well Report, the well head is flush with land surface. In order to meet minimum construction standards, the well head must be extended so that it is at least one foot above land surface.

My recommendation is that the Department not issue a permit for Well 2 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 2 may not satisfy hydraulic connection issues.

WATER WELL REPORT
STATE OF OREGON

CLAC

012433

RECEIVED

APR 16 1981

State Well No.

4511E-23ba

WATER RESOURCES DEPT

SALEM, OREGON

Permit No.

(1) OWNER:

Name LYNN KRAXBERGER

Address 10227 MACKSBURG ROAD

City CANBY

State OREGON

97013

(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 0 ft. to 163 ft. Gauge 250

" Diam. from ft. to ft. Gauge

LINER INSTALLED:

7" Diam. from 153 ft. to 193 ft. Gauge 188

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used cutting torch

Size of perforations 1/4 in. by 8 in.
60 perforations from 170 ft. to 186 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?

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

" " " "

Air test gal./min. with drill stem at ft. hrs.

Bailer test 40 gal./min. with 20 ft. drawdown after 2 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 25 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 26 sacks

How was cement grout placed? pressure grouted

Was pump installed? NO Type HP Depth ft.

Was a drive shoe used? ☒ Yes ☐ No Plug 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.

(10) LOCATION OF WELL:

County CLACKAMAS

Driller's well number 3-15-81

NE 1/4 NW 1/4 Section 23 T. 4S R. 1E W.M.

Tax Lot # 00700 Lot Blk Subdivision

Address at well location: same

(11) WATER LEVEL: Completed well.

Depth at which water was first found 11 ft.

Static level 55 ft. below land surface. Date 4-3-81

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8

Depth drilled 193 ft. Depth of completed well 193 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	
GRAVEL SAND BROWN	29	52	
CLAY BROWN SAND FINE	52	67	
GRAVEL SAND BROWN	67	87	
CLAY BROWN SAND FINE	87	106	
CLAY BLUE SAND BLACK	106	112	
SANDSTONE BROWN	112	122	
CLAY GRAY SAND BLACK FINE	122	133	
SAND BLACK FINE	133	150	
CLAY GRAY SAND BLACK FINE	150	163	
CLAY BLUE SAND BLACK	163	171	
SANDSTONE BLACK	171	186	55
CLAY GRAY	186	193	

Work started 3-18 19 81 Completed 4-3 19 81

Date well drilling machine moved off of well 4-3 19 81

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] Gary W. Barnett Date 4-14, 1981

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1038

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 BARNETT DRILLING & PUMPS

(Person, firm or corporation) (Type or print)

Address 7901 SE CYPRESS MIL. ORE

[Signed] Gary W. Barnett

(Water Well Contractor)

Contractor's License No. 764 Date 4-14, 19 81

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