

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19371
Date: March 6, 2025

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

Applicant's Well #Well 2 (MARI 4897): 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 the Well Report indicates the well was sealed with an unapproved grout and the well head is flush with land surface. In order to meet minimum construction standards, the well must be resealed with an approved grout and the well must be 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.

Applicant's Well #Well 3 (MARI 70766): Based on a review of the Well Report, Applicant's Well 3 seems to protect the groundwater resource.

The construction of Well 3 may not satisfy hydraulic connection issues.

Applicant's Well #Well 4 (MARI 4888): Based on a review of the Well Report, Well 4 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that the Well Report indicates the well seal was placed with an unapproved seal placement method and the well head is flush with land surface. In order to meet minimum construction standards, the well must be resealed with an approved grout and the well must be at least one-foot above land surface.

My recommendation is that the Department not issue a permit for Well 4 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 4 may not satisfy hydraulic connection issues.

NOTICE TO WATER WELL CONTRACTOR

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

STATE ENGINEER, 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)

RECEIVED
MAY 17 1968
STATE ENGINEER
SALEM, OREGON

State Well No.

6/3w-13

Permit No.

(1) OWNER:

Name Homer Goulet

Address 8550 Wheatland Rd., NE Salem, Oregon

(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 ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☒

10" Diam. from top ft. to 180 ft. Gage 250

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used

Mills

Size of perforations 2 in. by 3/8 in.

500 perforations from 90 ft. to 135 ft.

perforations from ft. to ft.

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) WATER LEVEL: Completed well.

Static level 40 ft. below land surface Date 5-2-68

Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

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

Yield: 400 gal./min. with 30 ft. drawdown after 12 hrs.

500 " 38 " 12 "

600 " 45 " 12 "

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

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(10) CONSTRUCTION:

Well seal—Material used Drill cuttings & Puddle Clay

Depth of seal 20 ft.

Diameter of well bore to bottom of seal 12 in.

Were any loose strata cemented off? ☐ Yes ☒ No Depth

Was a drive shoe used? ☒ Yes ☐ No

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.

(11) LOCATION OF WELL:

County Marion

Driller's well number 1306

$\frac{1}{4}$ $\frac{1}{4}$ Section 13 T. 6 R. 3W W.M.

Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing

Depth drilled 180 ft. Depth of completed well 180 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Top Soil	0	2	
Brown Clay	2	45	
Gray Clay	45	60	
Black sand & gray clay	60	80	
Black sand & gravel	80	85	
Gray Clay	85	90	
Brown Sand & Gravel	90	100	
Brown sand & gravel	100	135	
Gray Clay	135	165	
Black Sand	165	175	
Black sand & gravel	175	180	40

Work started April 8, 1968 Completed May 3, 68 19

Date well drilling machine moved off of well May 3, 68 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] Lyle Beckwith Date May 3, 68
(Drilling Machine Operator)

Drilling Machine Operator's License No. 151

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 WILLAMETTE DRILLING COMPANY
(Person, firm or corporation) (Type or print)

Address 7641 35th ave., NE Salem, Oregon 97303

[Signed] Emil O. Beier
(Water Well Contractor)

Contractor's License No. 2 Date May 4, 1968, 19

no well drilling took place after static was taken

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

MARI 70766

2/21/2023

Map of Hole



2/21/2023

Map of Hole

STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900

LOCATION OF WELL

Latitude: 45.05352274 Datum: WGS84

Longitude: -122.99201897

Township/Range/Section/Quarter-Quarter Section:
WM6.00S3.00W13NENE

Address of Well:

3301 BROOKLAKE RD. NE, SALEM, OR, 97303

Well Label: 144161

Printed: February 9, 2023

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



WATER WELL REPORT
 RECEIVED
 STATE OF OREGON
 (Please print or write)
 (Do not write above this line)
 JUL 17 1978
 WATER RESOURCES (10) LOCAL
 SALEM, OREGON DEPT. Ma
 County

SP*45656-119