

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19337
Date: February 26, 2025

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

Applicant's Well #1 (LAKE 1881/LAKE 1882): 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.

Applicant's Well #2 (Proposed): Well #2 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 #2 may not satisfy hydraulic connection issues.

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

RECEIVED
WATER WELL REPORT
STATE OF OREGON

JUL 22 1980

(Please type or print)

(Do not write above this line)

WATER RESOURCES DEPT

State Well No. 365/24E-32a

State Permit No. _____

(1) OWNER:

SALEM, OREGON

Name Dick Kiley
Address 230 G. Street North
Lakeview, Oregon 97630

(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 ☐
☐ Jetted ☐
☐ Bored ☐

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

12 " Diam. from +2 ft. to 58' 6" ft. Gage .250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) 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

Is a pump test made? ☐ Yes ☒ No If yes, by whom? _____
Yield: _____ gal./min. with _____ ft. drawdown after 1/2 hrs.
" Blow Test- 200 G.P.M. " " "
" " " " " "
" " " " " "
Pump test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 55 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 13 sacks
How was cement grout placed? Pressure Grout

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 _____
1/4 NE 1/4 Section 32 T. 36S R. 24E W.M. _____
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 216 ft.
Static level 20 ft. below land surface. Date 5-29-80
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12
Depth drilled 240 ft. Depth of completed well 238 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	10	
Lava	10	47	
Clay Stone	47	55	
Clay Stone Conglomerate	55	80	
Mild Lava	80	98	
Sandstone, Brown	98	104	
Mild Lava	104	109	
Sandstone Conglomerate	109	118	
Mild Lava	118	130	
Lava	130	178	
Mild Lava	178	182	
Lava	182	216	
Soft	216	230	
Claystone	230	240	

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JUN 4 1980

WATER RESOURCES DEPT
SALEM, OREGON

Work started 5-27 1980 Completed 5-29 1980
Date well drilling machine moved off of well 5-29 1980

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] J. C. Palmer Date 6-3, 1980
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1395

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 Orvail Buckner Well Drilling, Inc.
(Person, firm or corporation) (Type or print)
Address 1686 N.E. Negus Way, Redmond, Ore. 97756
[Signed] Orvail Buckner
(Water Well Contractor)
Contractor's License No. 608 Date 6-3, 19 80

State Permit No. 441-111111

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