

Approved: **Tony Janicek**

Digitally signed by Tony Janicek
DN: OU=Dam Safety Program, O=Oregon Water Resources Department, CN=Tony Janicek, E
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Reason: I am approving this document
Location:
Date: 2026.07.27 18:54:05-07'00'
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MEMO

To: Tony Janicek, Interim Well Construction Section Manager
From: Tommy Laird, Well Construction Compliance Coordinator
Subject: Review of Water Right Application G-19542
Date: July 27, 2026

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Steve Ahlquist reviewed the application. Please see Steve's Groundwater Review and the Well Reports.

Applicant's Well #4 (MALH 723/MALH 53474): Based on a review of the Well Reports and on information from the Groundwater Section, Applicant's Well #4 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 Reports, the well is not sealed to the proper depth. In addition, the 14-inch casing that is installed in the well does not meet the casing wall thickness requirements in OAR 690-210-0190. In order to meet minimum construction standards, the well must be resealed with an approved grout to a minimum depth of 225 feet and the casing must meet the casing requirements in OAR 690 Division 210.

My recommendation is that the Department **not issue** a permit for Applicant's Well #4 unless it is brought into compliance with current well construction standards or information is provided showing that it is constructed to meet current minimum well construction standards.

The construction of Well #4 may not satisfy hydraulic connection issues to surface water.

WATER WELL REPORT
STATE OF OREGON

RECEIVED

JUN 1 - 1987 PLEASE TYPE or PRINT IN INK

State Permit No.

Township should be S.

(1) OWNER:

WATER RESOURCES DEPT.
SALEM, OREGON

Name B.N. GLANVILLE

Address P.O. BOX 123

City WESTFALL

State 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 Air ☒ Driven ☐ Domestic ☐ Industrial ☐ Municipal ☐
Rotary Mud ☐ Dug ☐ Irrigation ☒ Test Well ☐ Other ☐
Cased ☐ Bored ☐ Thermal ☐ Withdrawal ☐ Reinjection ☐

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒

16" Diam. from 18" ft. to 120 ft. Gauge 250

14" Diam. from 110 ft. to 250 ft. Gauge 219

(6) LINER INSTALLED:

none

" Diam. from ft. to ft. Gauge

(7) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used Factory

Size of perforations 3 in. by 1/8 in.

2926 perforations from 130 ft. to 240 ft.

perforations from ft. to ft.

perforations from ft. to ft.

(8) 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.

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

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

1320 gal./min. with 5 ft. drawdown after 3 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.

(10) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used bentonite

Well sealed from land surface to 30' ft.

Diameter of well bore to bottom of seal 24 in.

Diameter of well bore below seal 16 in.

Number of sacks of cement used in well seal 34 sacks

How was cement grout placed? dry & poured

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.

(10) LOCATION OF WELL:

County Malheur

Driller's well number 1

NW 1/4 SE 1/4 Section 26 T. 18 N R. 41E W.M.

Tax Lot # Lot Blk Subdivision

Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found 220 ft.

Static level 180 ft. below land surface. Date 4/30

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 16" & 12 1/4"

Depth drilled ft. Depth of completed well 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
a sand & gravel	0	21	
sand & gravel	21	31	
brown clay	31	100	
volcanic ash	100	184	
volcanic ash	184	220	x180
basalt	220	230	180
light gray volcanic ash	230	240	180
light blue volcanic ash	240	250	180
light blue volcanic ash	250	255	180
light brown volcanic ash	255	270	180
black basalt	270	280	180
light blue volcanic ash	280	340	180
volcanic ash	340	420	180
fractured basalt	420	590	180
			180

Work started 4/27 19 87 Completed 5/27 1987

Date well drilling machine moved off of well 5/27 1987

(unbonded) Water Well Constructor Certification (if applicable):

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

Bonded Water Well Constructor Certification:

Bond 7900512644 Issued by: ALLIED INS. GROUP/NEAL GOFF
(number) Surety Company Name

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name BILL DOTY DRILLING CO., INC.
(Person, firm or corporation) (Type or print)

Address ROUTE #7 Box 311 Caldwell, Idaho 83605

[Signed] Robert A. Doty for William E. Doty
Water Well Constructor

Date 5/28 1987

NOTICE TO WATER WELL CONSTRUCTOR
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*45292-690

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

MALH 53474
Amended *

Malh 53474

WELL LABEL # L 85261 *

START CARD # 1005659

(1) LAND OWNER Owner Well I.D. _____
First Name JIM Last Name ALVES
Company _____
Address PO BOX 98
City WESTFALL State OR Zip 97920

(2) TYPE OF WORK ☐ New Well ☐ Deepening ☐ Conversion
☒ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD
☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other _____

* (5) BORE HOLE CONSTRUCTION Special Standard ☐ Attach copy
Depth of Completed Well 590 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
22	0	36	Cement	0	36	4	920

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: ☐ Yes Type _____ Amount _____

Casing/Liner		Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
☐	☐						☐	☐	☐	☐
☐	☐						☐	☐	☐	☐
☐	☐						☐	☐	☐	☐
☐	☐						☐	☐	☐	☐
☐	☐						☐	☐	☐	☐

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____

Temp casing ☐ Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type _____ Material _____

Perf/S	Casing/Screen	Liner	Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County MALHEUR Twp 18 S N/S Range 41 E E/W WM

Sec 26 NW 1/4 of the SE 1/4 Tax Lot _____

Tax Map Number _____ Lot _____

Lat _____ " or _____ DMS or DD

Long _____ " or _____ DMS or DD

☐ Street address of well ☒ Nearest address

1745' NORTH & 1334' WEST FROM SE CORNER, SEC 26

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Existing Well / Predeepening _____
Completed Well _____

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)

(11) WELL LOG *

Ground Elevation _____

Material	From	To
SAND, GRAVEL	0	31
BROWN CLAY	31	36

Well was over shot
drilled & Resealed

RECEIVED

JAN 12 2009

WATER RESOURCES DEPT
SALEM, OREGON

Date Started 11-11-2008 Completed 12-05-2008

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 1902 Date 12-29-2008

Password : (if filing electronically) _____

Signed _____

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1505 Date 12-29-2008

Password : (if filing electronically) _____

Signed _____

Contact Info (optional) _____

