

Approved: **Tony Janicek**

Digitally signed by Tony Janicek
DN: OU=Dam Safety Program, O=Oregon Water Resources
Department, CN=Tony Janicek, E=Tony.M.Janicek@water.oregon.gov
Reason: I am approving this document
Location:
Date: 2026.07.14 16:58:20-07'00'
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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-19544
Date: July 14, 2026

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

Applicant's Well #1 (KLAM 54078 and KLAM 57413): Based on review of the Well Reports, Well #1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). As indicated on the Well Reports, the well is sealed with "Cement & Bentonite;" however, the percentage of bentonite to cement is not indicated, so the department cannot confirm that it meets allowances. In order to meet minimum construction standards, the well must be resealed with an approved grout.

My recommendation is that the Department **not issue** a permit for Well #1 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 construction of Well #1 may not satisfy hydraulic connection issues to surface water.

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537765)

KLAM 54078

WELL ID # L64053

(START CARD) # 156043

Amend *

(1) OWNER 03 08
KNOLL RANCH
5429 REEDER RD
KLAMATH FALLS OR 97603

(2) TYPE OF WORK : NEW WELL

(3) DRILL METHOD : ROTARY MUD

(4) PROPOSED USE: Irrigation

(5) BORE HOLE CONSTRUCTION:

Special Construction Approval NO..... Depth of Completed Well 1551 ft.

Explosives used NO Type Amount

HOLE		SEAL		AMOUNT	
Diameter	From To	Material	From To	Sacks	
24"	0 336	CEMENT &	0 336	151	
12"	336 1551	BENTONITE			

How was seal Placed C

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of Gravel

(6) CASING / LINER:

CASING	Dia.	From To	Gage	Material
20"	+2	336	375	STEEL / WELDED

Final location of shoe (s)

(7) PERFORATIONS / SCREENS:

METHOD	TYPE	MATERIAL
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From To Slot size Number Dia. Tele / pipe size

(8) WELL TESTS:

Minimum testing time is 1 hour

TESTING METHOD PUMP

Yield GPM Drawdown Drill stem at Time

6300 113' 24 HOUR

Temperature of Water 76 F Depth Artesian Flow Found

Was a water analysis done? NO By whom

Did any strata contain water not suitable for intended use? No

(9) LOCATION OF WELL by legal description :

County KLAMATH Latitude Longitude

Township 39 S Range 10 E

Section 17 NE 1/4 SE 1/4

Tax Lot 2900 Lot Block Subdivision

Street Address of Well (or nearest address)

5429 REEDER RD. KLAMATH FALLS OR. 97603

(10) STATIC WATER LEVEL:

6' 8" ft. below land surface Date June 26, 2003

Artesian pressure Date

(11) WATER BEARING ZONES :

Depth at which water was first found 1375

From	To	Estimated Flow Rate	SWL
1374	1551	5000GPM	6' 8"

(12) WELL LOG:

Ground Elevation

	FROM	TO	SWL
TOP SOIL	0	3	
BROWN CLAY	3	13	
BLUE CLAY	13	17	
BROWN CLAY	17	18	
BLUE CLAY	18	27	
SANDY BLUE CLAY	27	73	
BLUE SAND	73	79	
SANDY BLUE CLAY	79	99	
BLUE CLAY	99	223	
COURSE SAND	223	231	
BLUE CLAY	231	248	
BLUE CLAY	248	314	
SANDY BLUE CLAY	314	327	
BLUE CLAYSTONE	327	1330	
GREY CLAYSTONE	1330	1374	
FRACTURED GREY BASALT	1374	1551	6' 8"

Date started March 31, 2003

Completed August 8, 2003

(Unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

(Bonded) Water Well Constructor Certification: I accept responsibility for the construction 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 well construction standards. This report is true to the best of my knowledge and belief.

DATE 9-3-03 WWC # 1758

DATE 9-3-03 WWC # 693

STATE OF OREGON **RECEIVED**
WATER WELL REPORT
 (as required by ORS 537765) **SEP 05 2003**

WELL ID # L46053

(START CARD) # 156043

(1) OWNER WATER RESOURCES DEPT 03 08
 SALEM, OREGON
 KNOLL RANCH
 5429 REEDER RD
 KLAMATH FALLS OR 97603

(2) TYPE OF WORK : NEW WELL

(3) DRILL METHOD : ROTARY MUD

(4) PROPOSED USE: Irrigation

(5) BORE HOLE CONSTRUCTION:

Special Construction Approval NO Depth of Completed Well 1.551 ft.
 Explosives used NO Type Amount

HOLE		SEAL		AMOUNT	
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12"	336 1551	BENTONITE			

How was seal Placed C

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Gravel placed from ft. to ft. Size of Gravel

(6) CASING / LINER:

	Dia.	From	To	Gage	Material
CASING	20"	+2	336	375	STEEL / WELDED

Final location of shoe (s)

(7) PERFORATIONS / SCREENS:

METHOD	TYPE	MATERIAL

From To Slot size Number Dia. Tele / pipe size

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

TESTING METHOD PUMP
 Yield GPM 6300 Drawdown 113' Drill stem at 24 HOUR

Temperature of Water 76 F Depth Artesian Flow Found

Was a water analysis done? NO By whom

Did any strata contain water not suitable for intended use? No

(9) LOCATION OF WELL by legal description :

County KLAMATH Latitude Longitude

Township 39 S. Range 10 E.

Section 17 NE 1/4 SE 1/4

Tax Lot 2900 Lot Block Subdivision

Street Address of Well (or nearest address)

5429 REEDER RD KLAMATH FALLS OR 97603

(10) STATIC WATER LEVEL:

6.8 ft. below land surface Date June 26, 2003

Artesian pressure Date

(11) WATER BEARING ZONES :

Depth at which water was first found 1375

From	To	Estimated Flow Rate	SWL
<u>1374</u>	<u>1551</u>	<u>5000 GPM</u>	<u>6.8"</u>

(12) WELL LOG:

	Ground Elevation		
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BLUE SAND	73	79	
SANDY BLUE CLAY	79	99	
BLUE CLAY	99	223	
COURSE SAND	223	231	
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BLUE CLAY	248	314	
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BLUE CLAYSTONE	327	1330	
GREY CLAYSTONE	1330	1374	
FRACTURED GREY BASALT	1374	1551	6.8"

Date started March 31, 2003

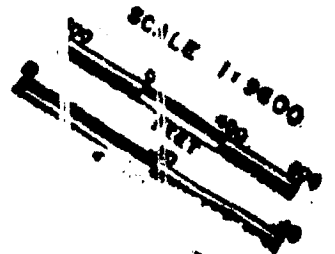
Completed August 8, 2003

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[Signature] DATE 9-3-03 WWC # 1758

(Bonded) Water Well Constructor Certification: I accept responsibility for the construction 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 well construction standards. This report is true to the best of my knowledge and belief.

[Signature] DATE 9-3-03 WWC # 693



THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY.

SECTION 17, T39S, R10E, W1M,
KLAMATH COUNTY
1-400'

SEE MAP 39 10 08

