

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19314
Date: February 10, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Phillip I. Marcy and Justin Iverson reviewed the application. Please see Phillip's and Justin's Groundwater Review and the Well Reports.

Applicant's Well #DR-3489 (LINN 63276): Based on a review of the Well Report, Applicant's Well #DR-3489 seems to protect the groundwater resource.

The construction of Well #DR-3489 may not satisfy hydraulic connection issues.

Applicant's Well #DR-3490 (LINN 63291): Based on a review of the Well Report, Applicant's Well #DR-3490 seems to protect the groundwater resource.

The construction of Well #DR-3490 may not satisfy hydraulic connection issues.

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

LINN 63276

9/26/2020

WELL I.D. LABEL# L

START CARD #

ORIGINAL LOG #

Page 1 of 1
138954
1049158

(1) LAND OWNER

Owner Well I.D. DR-3489

First Name WILLIAM Last Name TENBUSCH
Company TENBUSCH FARMS LLC
Address 36420 HIGHWAY 228
City BROWNSVILLE State OR Zip 97327

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion

☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thrld
Material From To Amt sacks/lbs
Seal: From To Amt sacks/lbs

(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 104.00 ft.

BORE HOLE			SEAL			sacks/lbs	
Dia	From	To	Material	From	To	Amt	
10	0	19	Bentonite	0	19	14	S
6	19	122				Calculated	8.67
						Calculated	

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

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER

Casing Liner Dia + From To Gauge Stl Plstc Wld Thrld
Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 79
Temp casing ☒ Yes Dia 10 From + ☒ 1 To 19

(7) PERFORATIONS/SCREENS

Perforations Method Holte Air Perforator

Screens Type		Material					
Perf/	Casing/ Screen	Dia	From	To	Scrn/slot width	Slot length	# of slots
Perf	Casing	6	44	71	.25	1	648

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
45		75	1

Temperature 54 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below) TDS amount 105 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)

County LINN Twp 14.00 S N/S Range 2.00 W E/W WM

Sec 9 NW 1/4 of the NW 1/4 Tax Lot 200

Tax Map Number Lot

Lat ° ' " or 44.37158600 DMS or DD

Long ° ' " or -122.94260900 DMS or DD

☒ Street address of well ☐ Nearest address

35787 COURTNEY CREEK DRIVE.
BROWNSVILLE OR. 97327

(10) STATIC WATER LEVEL

		Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration					
Completed Well		9/25/2020			18
Flowing Artesian?					
Dry Hole?					

WATER BEARING ZONES

Depth water was first found 40.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
9/25/2020	40	70	45			18

(11) WELL LOG

Ground Elevation

Material	From	To
Topsoil	0	2
Clay Brown	2	6
Clay Gray	6	9
Clay Brown w/ Gravels	9	14
Gravels Blue w/ Clay Gray	14	23
Gravels Black Cemented	23	30
Gravels w/ Clay Blue	30	36
Clay Green w/ Gravels	36	44
Gravels w/ Clay Gray Sandy	44	52
Gravels Black w/ Course Sand	52	68
Clay Gray/Green w/ Gravels	68	70
Clay Gray/Green Tint Sticky	70	83
Clay Gray/Brown w/ Pea Gravels	83	90
Clay Gray/Brown Sticky	90	122

Date Started 9/24/2020

Completed 9/25/2020

(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 1974

Date 9/25/2020

Signed CJ NUGENT (E-filed)

(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 664

Date 9/25/2020

Signed CHARLES NUGENT (E-filed)

Contact Info (optional) Nugent Drilling Co. Lebanon Oregon

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

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

LINN 63291

10/2/2020

WELL I.D. LABEL# L 138953
START CARD # 1049227
ORIGINAL LOG #

Page 1 of 1

(1) LAND OWNER

Owner Well I.D. DR-3490

First Name WILLIAM Last Name TENBUSCH
Company TENBUSCH FARMS LLC
Address 36420 HIGHWAY 228
City BROWNSVILLE State OR Zip 97327

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thrld
Material From To Amt sacks/lbs
Seal: From To Amt sacks/lbs

(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 82.00 ft.

BORE HOLE			SEAL			sacks/	
Dia	From	To	Material	From	To	Amt	lbs
10	0	19	Bentonite	0	19	11	S
6	19	82			Calculated	8.67	
					Calculated		

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

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER

Casing Liner Dia + From To Gauge Stl Plstc Wld Thrld
Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 79
Temp casing ☒ Yes Dia 10 From + ☒ 1 To 19

(7) PERFORATIONS/SCREENS

Perforations Method Holte Air Perforator

Screens Type Material

Perf/	Casing/	Screen	Dia	From	To	Scrn/slot	Slot	# of	Tele/
Screen	Liner					width	length	slots	pipe size
Perf	Casing		6	45	72	.25	1	648	

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
45		75	1

Temperature 53 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below) TDS amount 76 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)

County LINN Twp 14.00 S N/S Range 2.00 W E/W WM

Sec 9 SW 1/4 of the NW 1/4 Tax Lot 200

Tax Map Number Lot

Lat ° ' " or 44.37040900 DMS or DD

Long ° ' " or -122.94269800 DMS or DD

☒ Street address of well ☐ Nearest address

35787 COURTNEY CREEK DR.
BROWNSVILLE OR. 97327

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	9/29/2020			18
Flowing Artesian?				
Dry Hole?				

WATER BEARING ZONES

Depth water was first found 42.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
9/29/2020	42	70	45			18

(11) WELL LOG

Ground Elevation

Material	From	To
Topsoil	0	1
Clay Brown	1	8
Clay Brown w/ Gravels	8	13
Gravels w/ Clay Brown	13	17
Clay Gray w/ Gravels	17	23
Gravels Blue Cemented	23	41
Gravels Blue w/ Clay Sandy	41	48
Gravels w/ Sand Blue	48	63
Gravels Blue w/ Clay Gray Sandy	63	70
Clay Gray w/ pea Gravels	70	80
Clay Gray Brown Sticky	80	82

Date Started 9/28/2020 Completed 9/29/2020

(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 1974 Date 9/30/2020

Signed CJ NUGENT (E-filed)

(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 664 Date 9/30/2020

Signed CHARLES NUGENT (E-filed)

Contact Info (optional) Nugent Drilling Co. Lebanon Oregon

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