

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19405
Date: March 11, 2025

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

Applicant's Well #1 (YAMH 57939): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

Please note that the well report indicates a shale trap was installed on the liner at 460 feet below ground surface, which may prevent the liner from being removed.

The construction of Well #1 may not satisfy hydraulic connection issues.

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

YAMH 57939

SKYLES DRILLING, INC.

503-656-2683

WELL ID # L 128876

START CARD # W1038368

YAMH 57939

(1) OWNER:

Well Number: 01

Name **Bret Morgan / Todd Albert Construction**

Address **PO Box 1290**

City **Sherwood** State **OR** Zip **97140**

(2) TYPE OF WORK:

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well **582** ft.

Explosives used ☐ Yes ☒ No Type Amount

HOLE			SEAL			Amount	
Diameter	From	To	Material	From	To	sacks or pounds	
10	0	332	Cement w/5%	332			
6	332	582	bentonite		51	96 Sacks	
			Bentonite	51	0	32 Sacks	
			Calculated			56 Sacks	

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

☒ Other **Poured Bentonite**

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
	6	+1.5	332	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:	4	282	582	Sch40	☐	☒	☐	☒
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☒ None

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☒ Perforations

Method **Saw**

☐ Screens

Type

Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
555	580	1/8x3	120			☐	☒
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
23		580	1 hr.

TDS Amount **60 ppm**

Temperature of Water **55°** Depth Artesian Flow found

Was a water analysis done? ☒ Yes By whom **SDI, Iron 0.75 ppm**

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Murky ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County **Yamhill** Latitude Longitude

Township **3SOUTH** N or S. Range **2WEST** E or W. of WM.

Section **10** NW 1/4 NW 1/4

Tax lot **01000** Lot Block Subdivision

Street Address of Well (or nearest address) **30520 NE Bell Rd.**

Newberg, OR

(10) STATIC WATER LEVEL:

296 ft. below land surface.

Date **5/1/2018**

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found **106'**

From	To	Estimated Flow Rate	SWL
106	118	3	N/A
133	150	2 - 5	N/A
298	326	3 - 5	258
465	580	23	296

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
Topsoil, brown	0	2	
Boulder	2	3	
Basalt, weathered soft	3	6	
Basalt, gray & brown fractured medium	6	92	
Basalt, multicolored soft	92	106	
Basalt, gray & brown fractured medium	106	118	
Basalt, gray hard	118	133	
Basalt, gray & brown broken	133	150	
Basalt, gray hard	150	162	
Basalt, gray & brown fractured hard	162	204	
Basalt, mc fractured soft	204	213	
Basalt, gray & brown broken	213	222	
Basalt, gray, brown & green soft porous	222	228	
Basalt, gray hard	228	246	
Basalt, mc broken soft	246	254	
Basalt, gray & brown porous @times	254	286	
Basalt, gray hard	286	298	
Basalt, mc fractured & porous	298	318	

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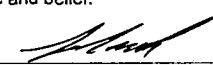
Date started **4/16/2018**

Completed **5/1/2018**

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed


Skyles Drilling, Inc.

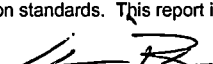
WWC Number **1884**

Date **5/2/2018**

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed


Skyles Drilling, Inc.

WWC Number **2006**

Date **5/2/2018**

MAY 09 2018

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ORIGINAL WATER RESOURCES DEPARTMENT

FIRST COPY - CONSTRUCTOR

SECOND COPY - CUSTOMER

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

YAMH 57939

WELL ID # L 128876

SKYLES DRILLING, INC.

START CARD # W1038368

Instructions for completing this report are on the last page of this form

503-656-2683

YAMH 57939

Page 2

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Address PO Box 1290
City Sherwood State OR Zip 97140

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(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☐ No Depth of Completed Well _____ ft.
Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds

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

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:				Steel	Plastic	Welded	Threaded
Diameter	From	To	Gauge				
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Baller ☐ Air ☐ Flowing Artesian

Yield gal/min _____ Drawdown _____ Drill stem at _____ Time _____
MAY 07 2018
OWRD

Temperature of Water _____ Depth Artesian Flow found _____
Was a water analysis done? ☐ Yes By whom _____
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Yamhill Latitude _____ Longitude _____
Township 3SOUTH N or S. Range 2WEST E or W. of WM.
Section 10 NW 1/4 NW 1/4
Tax lot 01000 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 30520 NE Bell Rd,
Newberg, OR

(10) STATIC WATER LEVEL:
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Basalt, gray, brown & yellow broken soft	318	326	
Basalt, gray hard	326	365	
Basalt, black & brown hard	365	458	
Basalt, gray & green hard	458	465	
Basalt, black & brown fractured hard	465	489	296
Basalt, black semi-fractured hard	489	516	296
Basalt, black & brown fractured hard	516	526	296
Basalt, gray & black fractured hard	526	538	296
Basalt, black & brown fractured hard	538	580	296
Basalt, black hard	580	582	

SKYLES DRILLING, INC.

503-656-2683

Date started 4/16/2018 Completed 5/1/2018

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed _____ WWC Number 1884
Date 5/2/2018
Skyles Drilling, Inc.

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed _____ WWC Number 2006
Date 5/2/2018
Skyles Drilling, Inc.