

**CLAIM OF
BENEFICIAL USE
for Transfer New or Additional
POA Only**



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

**A fee of \$230 must accompany this form for any Transfer final orders
including a water right with a priority date of July 9, 1987, or later.**

Example – A transfer involves 5 rights and one of the rights
has a priority date of July 9, 1987, or later, the fee is required.

**SECTION 1
GENERAL INFORMATION**

Type of Authorized Change

This Claim is being submitted for a transfer where the only authorized change
was a change in point(s) of appropriation or additional point(s) of appropriation,
or a combination of both.

YES

If additional changes were authorized, you will need to select a different form.

1. File Information

APPLICATION #

T-12446

2a. Property Owner (current owner information)

TL 5 1E 18 2300, 5 1E 19 100, 200 and 1100, TL 5 1E 20 600 – Divert, convey, or use

APPLICANT/BUSINESS NAME Martin and Denise Peterson		PHONE NO.	ADDITIONAL CONTACT No.
ADDRESS 412 NW 253rd St			
CITY Ridgefield	STATE WA	ZIP 98642	E-MAIL

2b. Property Owner (current owner information) TL 5 1E 19 1001 - Convey

APPLICANT/BUSINESS NAME Dennis and Joni Hopper		PHONE NO.	ADDITIONAL CONTACT No.
ADDRESS 33285 S. Barlow Rd			
CITY Woodburn	STATE OR	ZIP 97071	E-MAIL

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If the current property owner is not the transfer holder of record, it is recommended that an assignment be filed with the Department. ***Each*** transfer holder of record must sign this form.

3. Transfer holder of record (this may, or may not, be the current property owner)

TRANSFER HOLDER OF RECORD Columbia Fruit LLC c/o Steven Peterson		
ADDRESS 2526 Dike Rd		
CITY Woodland	STATE WA	ZIP 98674

4. Date of Site Inspection:

August 22, 2023

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Garret Dolan		Farm Manager

6. County

Clackamas County

7. If any property described in the place of use of the transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

OWNER OF RECORD NA		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

SECTION 2
SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

Seal and Signature



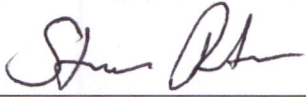
CWRE NAME Doann Hamilton		PHONE NO. (503) 632-5016	ADDITIONAL CONTACT NO. (503) 349-6946
ADDRESS 18487 S. Valley Vista Road			
CITY Mulino	STATE OR	ZIP 97042	E-MAIL phgdmh@gmail.com

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Transfer Holder of Record Signature or Acknowledgement

Each transfer holder of record must sign this form in the space provided below.

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Steven Peterson	President	2/5/25

SECTION 3

CLAIM DESCRIPTION

Note: The Claim only needs to describe the new or additional point(s) of appropriation. This Claim does not need to provide information for the original point(s) of appropriation unless the original point of appropriation is either a new or additional point of appropriation on another right involved in this transfer.

1. New or additional point of appropriation name or number:

CERTIFICATE	POINT OF APPROPRIATION (POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)	SOURCE (IF LISTED IN TRANSFER FINAL ORDER)
91548	Well 1 (Shop/House)	CLAC 2569	NA	A well, a tributary of Butte Creek
91546, 91547	Well 2 (West)	CLAC 2574, 60339	L-67454	A well, a tributary of Rock Creek
91546, 91547, 91548	Well 3 (North)	CLAC 60340	L-67455	A well, a tributary of Rock Creek
	Well 5 (New West Well)	CLAC 74534	L-13118	A well, a tributary of Rock Creek (A well, a tributary to Rock Creek per Certificate 91548)

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

If well logs are available, items A and B below can be deleted

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2. Variations:

Was the use developed differently from what was authorized by the transfer final order, or extension final?

YES

If yes, describe below.

(e.g. "The order allowed three new/additional points of appropriation. The water user only developed one of the points.")

1. Note there is a scrivener's error in final order T-12446 regarding the wells added to Certificate 91548:
 - Certificate 91548 has authorized Well 2
 - The transfer final order shows Well 2 as one of the proposed additional wells. This should have been Well 1 (CLAC 2569)
 -
2. Note there is a scrivener's error in final order T-12446 regarding the wells added to Certificate 91547:
 - Certificate 91547 has authorized Well 1
 - The transfer final order shows Well 1 as one of the proposed additional wells. This should have been Well 2 (CLAC 2574, 60339)
3. The authorized Wells 4 and Well 6 have not been constructed and are, therefore, not included in this Claim of Beneficial Use.

3. Claim Summary:

CERTIFICATE	NEW OR ADDITIONAL POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED
91548	Well 1 (Shop/House)	0.54 cfs	0.12 cfs	Not measured
91546	Well 2 (West)	0.5 cfs	0.12 cfs	Not measured
91547		0.24 cfs		
91546	Well 3 (North)	0.5 cfs	0.10 cfs	Not measured
91547		0.24 cfs		
91548		0.54 cfs		
91546	Well 5 (New West Well)	0.5 cfs	0.46 cfs	Not measured
91547		0.24 cfs		
91548		0.54 cfs		

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SECTION 4a of d

SYSTEM DESCRIPTION

Are there multiple new or additional Points of Appropriation (POA)?

YES

If "YES" you will need to copy and complete a separate Section 4.

POA Name or Number this section describes (only needed if there is more than one):

Well 1 (Shop / House)

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Grundfos	MS 4000 79304509	Unknown	Submersible	4 inch	2 inch

2. Motor Information

MANUFACTURER	HORSEPOWER
Grundfos	5 Hp

3. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a well, the water level during pumping	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
5 Hp	60 psi	146 feet (from pump test recorded on well log)	0 feet	0.12 cfs

4. Provide pump calculations:

$$Q \text{ Pump} = \frac{(5 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})}{(146 \text{ ft lift} + 152.4 \text{ ft pressure head})} = 0.12 \text{ cfs}$$

5. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
Not running during site visit			

Reminder: For pump calculations use the reference information at the end of this document.

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B. Groundwater Source Information (Well and Sump)

3. Is the appropriation from a dug well (sump)?

NO

If "NO", items 4 through 6 relating to this section may be deleted.

C. Additional notes or comments related to the system:

1. Access port is ½ inch port through the sanitary seal on the south-southeast side of the well.
2. Goes through a 10.3 gallon metal pressure tank

SECTION 4b of d

SYSTEM DESCRIPTION

Are there multiple new or additional Points of Appropriation (POA)?

YES

If "YES" you will need to copy and complete a separate Section 4.

POA Name or Number this section describes (only needed if there is more than one):

Well 2 (West)

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Grundfos	MS 4000 79304509	Unknown	Submersible	4 inch	3 inch

2. Motor Information

MANUFACTURER	HORSEPOWER
Grundfos	5 Hp

3. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a well, the water level DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
5 Hp	60 psi	136 feet (from pump test recorded on well log)	0 feet	0.12 cfs

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4. Provide pump calculations:

$$Q \text{ Pump} = \frac{(5 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})}{(136 \text{ ft lift} + 152.4 \text{ ft pressure head})} = 0.12 \text{ cfs}$$

5. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
Not running during site visit			

Reminder: For pump calculations use the reference information at the end of this document.

B. Groundwater Source Information (Well and Sump)

3. Is the appropriation from a dug well (sump)? NO

If "NO", items 4 through 6 relating to this section may be deleted.

C. Additional notes or comments related to the system:

Access port is ½ inch plug through the sanitary seal on the west north-west side of the well.

SECTION 4c of d

SYSTEM DESCRIPTION

Are there multiple new or additional Points of Appropriation (POA)? YES

If "YES" you will need to copy and complete a separate Section 4.

POA Name or Number this section describes (only needed if there is more than one):

Well 3 (North)

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Grundfos	MS 4000 79304509	Unknown	Submersible	4 inch	2 inch

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2. Motor Information

MANUFACTURER	HORSEPOWER
Grundfoss	5 Hp

3. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a well, the water level during pumping	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
5 Hp	60 psi	184 feet (from pump test recorded on well log)	0 feet	0.10 cfs

4. Provide pump calculations:

$$Q \text{ Pump} = \frac{(5 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})}{(184 \text{ ft lift} + 152.4 \text{ ft pressure head})} = 0.10 \text{ cfs}$$

5. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
Not running during site visit			

Reminder: For pump calculations use the reference information at the end of this document.

B. Groundwater Source Information (Well and Sump)

3. Is the appropriation from a dug well (sump)?

NO

If "NO", items 4 through 6 relating to this section may be deleted.

C. Additional notes or comments related to the system:

Access port is ½ inch port through the sanitary seal on the east side of the well.

SECTION 4d of d

SYSTEM DESCRIPTION

Are there multiple new or additional Points of Appropriation (POA)?

YES

If "YES" you will need to copy and complete a separate Section 4.

POA Name or Number this section describes (only needed if there is more than one):

Well 5 (New West Well)

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Goulds	5CHC	Unknown	Submersible		4 inch

2. Motor Information

MANUFACTURER	HORSEPOWER
Franklin Electric	20 Hp

3. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a well, the water level during pumping	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
20 Hp	60 psi	154 feet (from pump test recorded on well log)	0 feet	0.46 cfs

4. Provide pump calculations:

$$Q \text{ Pump} = \frac{(20 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})}{(154 \text{ ft lift} + 152.4 \text{ ft pressure head})} = 0.46 \text{ cfs}$$

5. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
Not running during site visit			

Reminder: For pump calculations use the reference information at the end of this document.

B. Groundwater Source Information (Well and Sump)

3. Is the appropriation from a dug well (sump)?

NO

If "NO", items 4 through 6 relating to this section may be deleted.

C. Additional notes or comments related to the system:

Access port is ½ inch port through the sanitary seal after removing one of the ¾ inch bolts, on the north north-west side of the well.

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SECTION 5

CONDITIONS

All conditions contained in the transfer final order, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Describe how the water user has complied with each of the development timelines established in the transfer final order and any extensions of time issued for the transfer:

	DATE FROM TRANSFER	DATE THE NEW AND/OR ADDITIONAL POA(S) WERE READY FOR USE *THIS DATE MUST FALL BETWEEN THE "ISSUANCE DATE" AND THE "COMPLETENESS DATE"
ISSUANCE DATE	October 9, 2017	
COMPLETENESS DATE FROM ORDER (C)	October 1, 2019 extended to October 1, 2024	September 2024

* MUST BE WITHIN PERIOD BETWEEN TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETE THE CHANGE

2. Is there an extension final order(s)?

YES

If "NO", you may delete the following table.

If for a transfer extension order, provide the following information:

VOLUME	PAGE	DATE EXTENDED TO
114	269	October 1, 2024

3. Measurement Conditions:

a. Does the transfer final order, or any extension final order require the installation of a meter or other approved measuring device?

NO

If "NO", items b through f relating to this section may be deleted.

4. Recording and reporting conditions

a. Is the water user required to report the water use to the Department?

NO

If "NO", item b relating to this section may be deleted.

5. Other conditions required by the transfer final order or extension final order:

a. Were there special well construction standards?

NO

b. Was submittal of a ground water monitoring plan required?

NO

c. Other conditions?

YES

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

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c) Condition (T-12446):

Water shall be acquired from the same aquifer (water source) as the original point of appropriation.

Compliance:

Well 1 (CLAC 2569, originally authorized for Certificates 91546 and 91547) was drilled to a depth of 479 feet, cased from 0 to 250 feet, and screened from 46 to 56 feet in conglomerate.

Well 2 (CLAC 2574, originally authorized for Certificate 91548) was drilled to 324 feet, cased to 220 feet, and perforated from 63 to 220 feet across claystone and siltstone with interbeds of sand and gravel.

Well 3 (CLAC 60340 / L-67455) was completed at a depth of 312 feet, cased/screened to 312 feet, with screened intervals from 213 to 225.8 feet, 231 to 236.2 feet, and 256.2 to 291.9 feet in clay and sand layers.

Well 5 (CLAC 74534 / L-131118) was completed at a depth of 300 feet, cased/screened to 294 feet, liner 120 to 160, 175 to 206, and 220 to 240 feet, with screened intervals from 160 to 175 feet, 206 to 220 feet, 240 to 248 feet, 263 to 275 feet, and 288 to 294 feet in clay and sand layers.

It appears these wells obtain water from the alluvial aquifer; therefore, this condition has been met.

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Claim of Beneficial Use Map	Claim of Beneficial Use Map for former Certificate 91546
Claim of Beneficial Use Map	Claim of Beneficial Use Map for former Certificate 91547
Claim of Beneficial Use Map	Claim of Beneficial Use Map for former Certificate 91548
State Water Well Report – CLAC 2569	Well log and driller's notes for CLAC 2569 – Well 1 (Shop/House)
State Water Well Report – CLAC 2574	Well log and driller's notes for CLAC 2574 – Well 2 (West)
State Water Well Report – CLAC 60339	Well log and driller's notes for CLAC 60339– Well 2 (West) - repairs
State Water Well Report – CLAC 60340	Well log and driller's notes for CLAC 60340 – Well 3 (North)
State Water Well Report – CLAC 74534	Well log and driller's notes for CLAC 74534 – Well 5 (New West Well)

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SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on polyester film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

For the purpose of this Claim, the map identifying the location of the place of use does not require a new survey. The location of the place of use identified on the Claim map should be based on the original right of record at the time the transfer final order was issued. In transfers approved for additional points of appropriation, the original points must be identified the map based on the original right of record at the time the transfer final order was issued.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The COBU map was prepared using tax assessor's maps 5 1E 18, 19 and 20, overlain by a 2014 aerial photo titled USDA-FSA-APFO NAIP County Mosaic and obtained on line from the Natural Resources Conservation Service, Image Metadata:
<http://datagateway.nrcs.usda.gov/Catalog/ProductDescription/NAIPM.html>

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.

(Reminder: Incomplete maps and/or claims may be returned.)

- ☒ Map on polyester film
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- ☒ If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- ☐ Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- ☐ Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- ☐ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.) ***Not required for this type of Claim of Beneficial Use**
- ☒ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☒ Tax lot boundaries and numbers
- ☐ Source illustrated if surface water

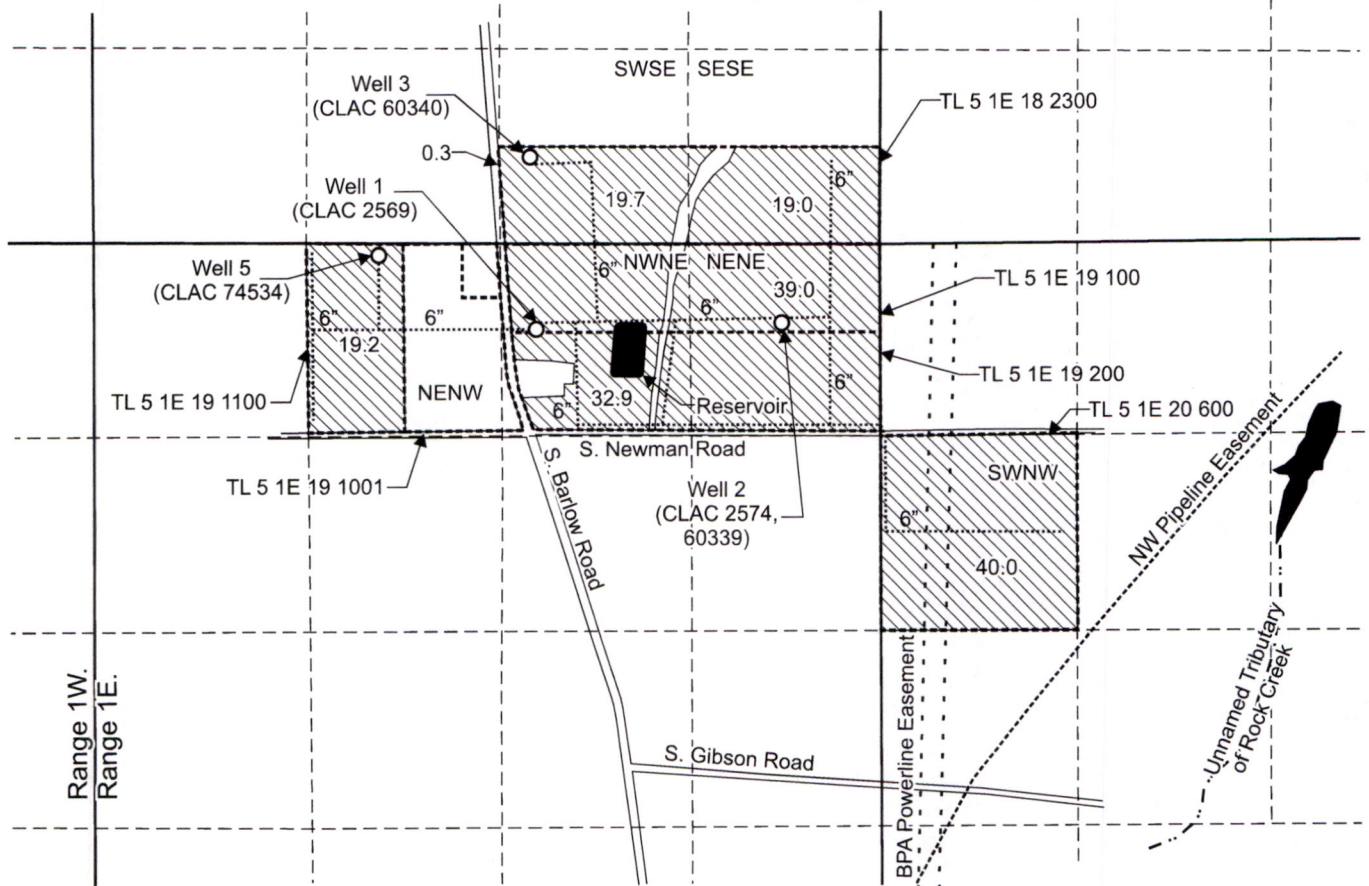
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- ☒ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☒ Application and permit number or transfer number
- ☒ North arrow
- ☒ Legend
- ☒ CWRE stamp and signature

T.5S. R.1E. Sec. 18, 19, & 20, W.M.



Well 1 (CLAC 2569) is located 570 feet south and 2,420 feet west from the NE corner, Section 19.
 Well 2 (CLAC 2574, 60339) is located 530 feet south and 670 feet west from the NE corner, Section 19.
 Well 3 (CLAC 60340) is located 630 feet north and 2,460 feet west from the SE corner, Section 18.
 Well 5 (CLAC 74534) is located 65 feet south and 3,435 feet west from the NE corner, Section 19.

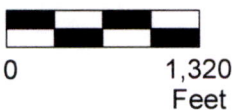
 Area(170.1 acres) of supplemental irrigation under T-12446, formerly Certificate 91548, priority date 3-1-1976.

----- Tax lot boundary
 Irrigation main line

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Scale: 1" = 1,320'



This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.

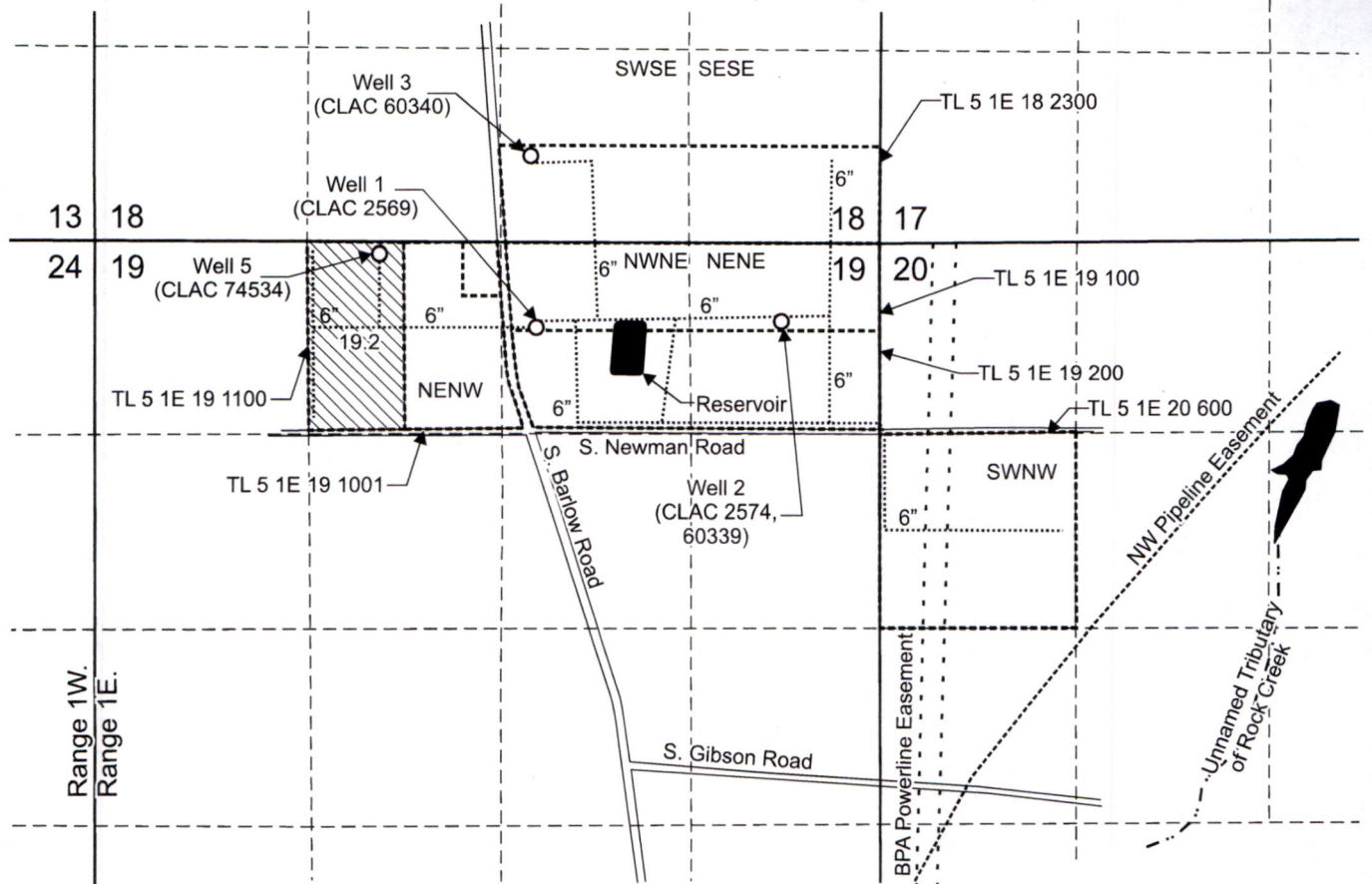
Claim of Beneficial Use Map
 T-12446, formerly Certificate 91548

Pacific Hydro-Geology Inc.


01/2025

Columbia Fruit Company, Inc.
 T.5S. R.1E. Sec. 18, 19, and 20, W.M.

T.5S. R.1E. Sec. 18, 19, & 20, W.M.



Well 1 (CLAC 2569) is located 570 feet south and 2,420 feet west from the NE corner, Section 19.
 Well 2 (CLAC 2574, 60339) is located 530 feet south and 670 feet west from the NE corner, Section 19.
 Well 3 (CLAC 60340) is located 630 feet north and 2,460 feet west from the SE corner, Section 18.
 Well 5 (CLAC 74534) is located 65 feet south and 3,435 feet west from the NE corner, Section 19.

 Area (19.2 acres) irrigated under T-12446, formerly Certificate 91547, priority date 1-24-1973.

----- Tax lot boundary
 Irrigation main line

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Scale: 1" = 1,320'



This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.

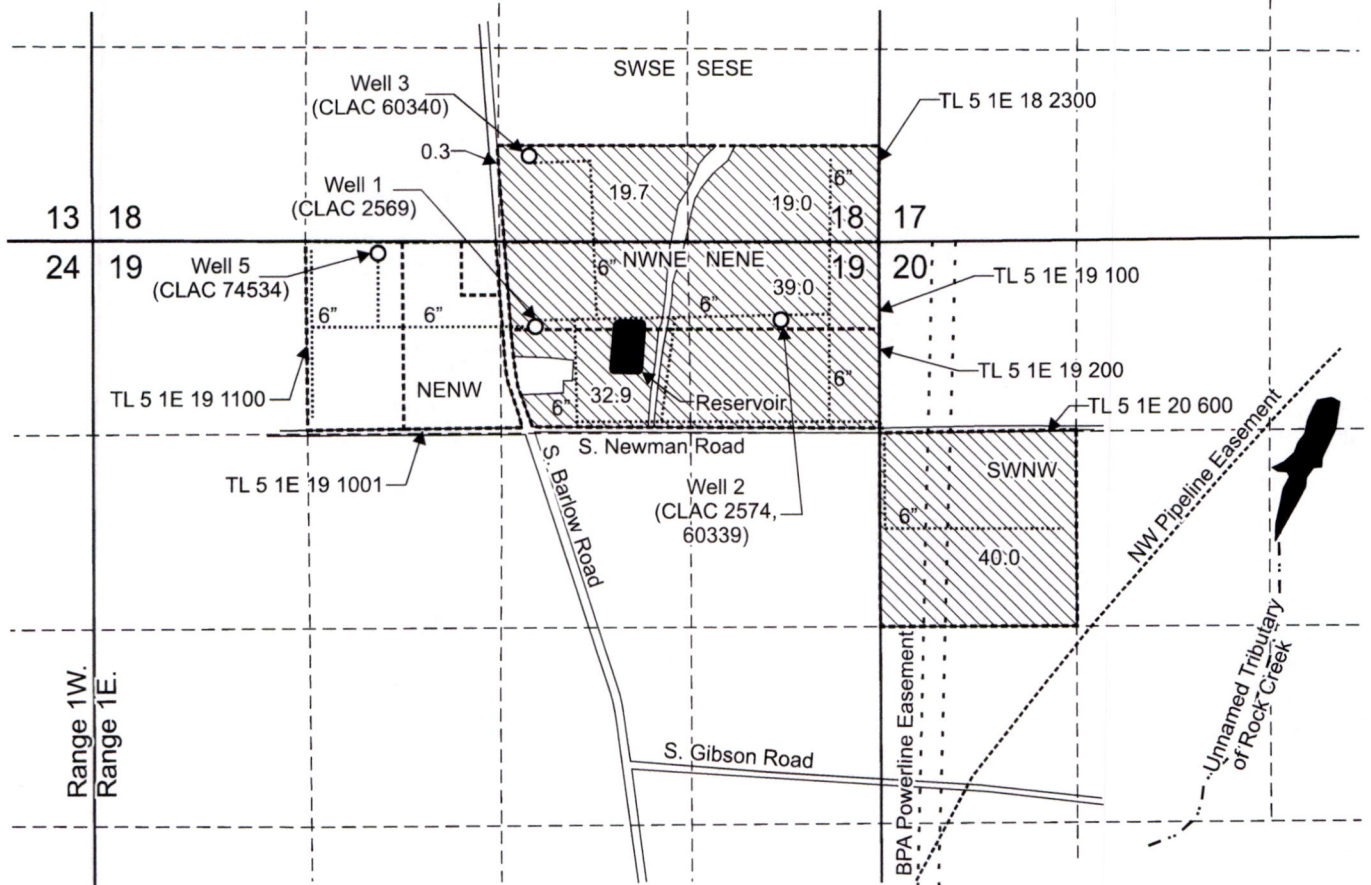
Claim of Beneficial Use Map
T-12446, formerly Certificate 91547

Pacific Hydro-Geology Inc.


01/2025

Columbia Fruit Company, Inc.
 T.5S. R.1E. Sec. 18, 19, and 20, W.M.

T.5S. R.1E. Sec. 18, 19, & 20, W.M.




Well 1 (CLAC 2569) is located 570 feet south and 2,420 feet west from the NE corner, Section 19.
 Well 2 (CLAC 2574, 60339) is located 530 feet south and 670 feet west from the NE corner, Section 19.
 Well 3 (CLAC 60340) is located 630 feet north and 2,460 feet west from the SE corner, Section 18.
 Well 5 (CLAC 74534) is located 65 feet south and 3,435 feet west from the NE corner, Section 19.

 Area(150.9 acres) irrigated under T-12446, formerly Certificate 91546, priority date 5-25-1973.

----- Tax lot boundary
 Irrigation main line

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Scale: 1" = 1,320'

 0 1,320
 Feet

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Claim of Beneficial Use Map
T-12446, formerly Certificate 91546

Pacific Hydro-Geology Inc.

01/2025

Columbia Fruit Company, Inc.
 T.5S. R.1E. Sec. 18, 19, and 20, W.M.

NOTICE TO WATER WELL CONTRACTOR:
The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON
within 30 days from the date
of well completion.

RECEIVED

OCT 18 1973

WATER WELL REPORT

STATE OF OREGON

STATE ENGINEER
SALEM, OREGON

(Please type or print)
(Do not write above this line)

RECEIVED

JUN 18 1973

STATE ENGINEER
SALEM, OREGON

State Well No.

55/IE-19

State Permit No.

G 6793

(1) OWNER:

Name Hessel Bierma
Address Route 2, Box 175, Woodburn, 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 ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

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

CASING INSTALLED:

Threaded ☐ Welded ☒

" Diam. from 1 ft. to 2 5/8 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Power saw, L.B. Foster & Co.

Size of perforations 5/32 in. by 2 1/8 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 Johnson
Type Irrigator Model No. 100
Diam. 8 Slot size 1/10 Set from 46 ft. to 56 ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level

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

Yield: 300 gal./min. with 178 ft. drawdown after 4 hrs.
250 " " 140 " " 4 1/2 "
" 200 " " 126 " " 4 1/2 "

Ball test gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow ☒ g.p.m.

Temperature of water ☒ Depth artesian flow encountered XX ft.

(9) CONSTRUCTION:

Well seal—Material used Redi mix, 2 yards grout
Well sealed from land surface to 40 ft.

Diameter of well bore to bottom of seal 17 1/2 in.

Diameter of well bore below seal 17 1/2 to 25 1/2

Number of sacks of cement used in well seal 14 sacks

Number of sacks of bentonite used in well seal _____ sacks

Brand name of bentonite _____

Number of pounds of bentonite per 100 gallons
of water _____ lbs./100 gals.

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 3/8 to 1/2

Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Clackamas Driller's well number _____
N. W. 1/4 N. E. 1/4 Section 19 T. 55 R. 1 E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 45 ft.
Static level 20 ft. below land surface. Date 5-19-73
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing none

Depth drilled 479 ft. Depth of completed well 250 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 brn.	0	1	
Clay brn.	1	32	
clay sandy brn.	32	37	
Sandy brn. med.	37	45	
Conglom course, brn.	45	57	
Clay grey	57	96	
Clay brn.	96	136	
Clay grey	136	151	
Clay grey, sandy	151	165	
Clay grey	165	255	
Clay brn.	255	331	
Clay grey	331	479	

9" hole to 479 & 17 1/2" to 250

Started March 19, 73

Finished May 19, 73.

Moved rig off May 19, 1973

Received

FEB 18 2025

QWRD

Work started 3-19 1973 Completed 5-19 1973

Date well drilling machine moved off of well _____ 19 _____

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] Ben Kaufman Date June 16, 1973
(Drilling Machine Operator)

Drilling Machine Operator's License No. 322

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 R. Stadel & Sons, INC.
(Person, firm or corporation) (Type or print)

Address Rte 3 Box 169, Silverton, Ore. 97381

[Signed] Paul R. Stadel
(Water Well Contractor)

Contractor's License No. 296 Date 6-16 1973

NOTICE TO WATER WELL CONTRACTOR

The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

CLACKAMAS WATER WELL REPORT

02574

STATE OF OREGON

RECEIVED

JAN 29 1978

(Please type or print) WATER RESOURCES DEPT.
(Do not write above this line) SALEM, OREGON

State Well No.

Date of Report

6-1567

10-10294

(1) OWNER:

Name Hessel Bierma
Address Rt 2 Box 175 Woodburn, 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 ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

Threaded ☐ Welded ☒
" Diam. from 0 ft. to 220 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Factory preperforated.
Size of perforations 3/16 in. by 2 1/2 in.
3925 perforations from 63 ft. to 220 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.

Was a pump test made? ☒ Yes ☐ No. If yes, by whom?
Yield 400 gal./min. with 170 ft. drawdown after 5 hrs.
" " " " " "
" " " " " "
Ballor test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 24 in.
Diameter of well bore below seal 22 in.
Number of sacks of cement used in well seal 3 yds. sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons
of water lbs./100 gals.
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: 3/8 Pea
Gravel placed from 20 ft. to 220 ft.

(10) LOCATION OF WELL:

Clackamas
County Driller's well number
N.E. 1/4 N.E. 1/4 Section 19 T.5 S. R.1 E. W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 30 ft.
Static level 17 ft. below land surface. Date 1/16/76
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing None

Depth drilled 324 ft. Depth of completed well 220 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 brn.	0	1	
Sandy subsoil	1	26	
Clay blue hard	26	30	
Sand fine brn.	30	36	
Silt clayey orange	36	39	
Sand fine brn.	39	44	
Gravel cemented med.	44	46	
Sand med brn.	46	67	
Claystone green	67	90	
Siltstone, med. scattered gravel	90	126	
Claystone grey hard	126	169	
Fine sand & streaks of silt W.B.	169	194	
Clay grey sandy	194	226	
Clay grey soft	226	230	
Clay grey sandy	230	234	

Work started 11/12 1975 Completed 1/16 1976
Date well drilling machine moved off of well 1/16 1976

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] Charles E. Stadeli Date 1/21/76
(Drilling Machine Operator) 84

Drilling Machine Operator's License No.

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 Stadeli Drilling Co.
(Person, firm or corporation) (Type or print)

Address Silverton, Or.

[Signed] Charles E. Stadeli
(Water Well Contractor)

Contractor's License No. 519 Date 1/21/76, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

by

SP*45656-119

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CLAC 60340

AUG 04 2004

Westerberg Drilling, Inc.

36728 S. Kropf Rd.

Medalla, OR 97038

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765) SALEM, OREGON

WELL I.D. # L 67455

START CARD # 166715

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

(1) LAND OWNER

Well Number

Name Leo Gentry Wholesale Nursery Inc.Address PO Box 645City GreshamState ORZip 97030

(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 312 ft.Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE

SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
14"	0	78	Cement	3	78	61 sacks
10"	78	317	Bentonite	0	3	3 sacks
6"	317	345				

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E☒ Other Bentonite placed dryBackfill placed from 312 ft. to 345 ft. Material & pea gravelGravel placed from 193 ft. to 312 ft. Size of gravel 6x9 cssi

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 10"	+1	210	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6"	193	213	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6"	225	231	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 6"	236	256	2"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6"	291	312	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used ☐ Inside ☒ Outside ☐ NoneFinal location of shoe(s) 321' 6" (cut off)

(7) PERFORATIONS/SCREENS:

☐ Perforations

Method

☒ ScreensType V-wireMaterial stainless

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
213	225	.065		6"	PS	<input type="checkbox"/>	<input type="checkbox"/>
231	236	.065		6"	PS	<input type="checkbox"/>	<input type="checkbox"/>
256	291	.065		6"	PS	<input type="checkbox"/>	<input type="checkbox"/>

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing ☐ Artesian

Yield gal/min	Drawdown	Drill stem at	Time
60	116'		1 hr.
			6-hr.

Temperature of water 56° Depth Artesian Flow Found _____Was a water analysis done? ☐ Yes By whom NONEDid 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 Clackamas Latitude _____ Longitude _____Township 5S N or S Range 1E E or W. WM.Section 18 SW 1/4 SE 1/4Tax Lot 2300 Lot _____ Block _____ Subdivision _____Street Address of Well (or nearest address) 2nd property N. of 33142 S. Barlow Rd.

(10) STATIC WATER LEVEL:

68 ft. below land surface.Date 7-16-04

Artesian pressure _____ lb. per square inch

Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 40'

From	To	Estimated Flow Rate	SWL
214'	291'	60 gpm	68'

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
soil	0	1	
clay sandy brown	1	12	
clay sandy grey	12	20	
clay sandy grey w/ wood	20	31	
clay grey w/ gravel	31	40	
packed sand brown	40	43	
sand & gravel brown	43	49	
clay brn w/ some gravel	49	65	
packed silt grey tight	65		
w/ small gravel		80	
clay & claystone grey	80	85	
silt packed grey	85	95	
clay & claystone grey	95	106	
clay grey & brn sticky	106	108	
clay brown sticky	108	115	
clay blue	115	120	
claystone	120	126	
clay blue sticky	126	138	
continued on page 2			

Date started 6-7-04 Completed 7-21-04

(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.

WWC Number _____

Signed _____ Date _____

(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.

WWC Number 688Signed Steven M. Stradeli Date 7-27-04

ORIGINAL - WATER RESOURCES DEPARTMENT FIRST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER

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FEB 18 2025

OWRD



36728 S. Kropf Rd., Molalla, OR 97038 • Phone: (503) 829-2526 FAX (503) 829-7514

Westerberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

Page 2

WELL ID# L 67455

OWNER: Leo Gentry Wholesale Nursery Inc.

ADDRESS: PO Box 645

CITY/STATE/ZIP: Gresham, OR 97030

WELL ADDRESS: 2nd property N. of 33142 S. Barlow Rd.

COUNTY Clackamas TOWNSHIP 5S RANGE 1E
 SECTION 18 SW 1/4 SE 1/4 TAX LOT 2300

(11) WATER BEARING ZONES CONT'D FROM PREVIOUS PAGE:

FROM	TO	ESTIMATED FLOW RATE	SWL

(12) WELL LOG INFO. CONT'D FROM PREVIOUS PAGE:

MATERIAL	FROM	TO	SWL
claystone grey & brown	138	155	
siltstone grey & brown	155	159	
claystone blue/green	159	165	
packed silt grey/black	165	171	
clay blue-green	171	175	
clay grey-green	175	188	
packed sand green w/ wood &	188		
claystone		194	
clay blue	194	208	
clay brown	208	214	
sand grey	214	225	
clay grey	225	233	
sand or silt	233	235	
clay grey	235	245	
silt grey	245	260	
clay w/ packed sand	260	279	
sand	279	282	
claystone	282	285	
sand grey fine w/ wood	285	291	
clay blue sticky	291	307	
claystone green	307	320	
clay grey	320	327	
siltstone green	327	345	

6" drive shoe welded on top of 6" riser pipe to facilitate getting inside of riser.

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FEB 18 2025

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AUG 04 2004

WATER RESOURCES DEPT
 SALEM, OREGON

(as required by ORS 537.765 & OAR 690-205-0210)

PO BOX 1228

ORIGINAL LOG #

CLAC 74534

(Z) TYPE OF WORK ☒ New well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Repair (complete 5a)

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95

WATER SUPPLY WELL REPORT -
continuation page

CLAC 74534
WESTERBERG DRILLING INC.
PO BOX 1228

WELL I.D. LABEL# L 131118
START CARD # 214206
ORIGINAL LOG #

(2a) PRE-ALTERATION

MOLALLA, OR 97038

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE			SEAL			sacks/
Dia	From	To	Material	From	To	Amt lbs
			Cement	315	475	32 S
				Calculated		28
				Calculated		
				Calculated		
				Calculated		

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
	8		248	263	.250			X	
	8		275	288	.250			X	
	8		294	300	.250			X	

(7) PERFORATIONS/SCREENS

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

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

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

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

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

(11) WELL LOG

Material	From	To
dark grey claystone & sand	242	248
clay grey	248	252
clay brown	252	264
clay dark brown with thin lenses of cemented sand	264	274
clay grey brown	274	289
sand fine grey	289	293
clay blue green	293	321
soft green sandstone	321	324
clay grey	324	359
clay green	359	414
clay grey with fine grey sand lenses with wood	414	426
clay blue green sticky	426	475
clay blue	475	480
hole caved from 475-480		
8" drive shoe welded on top of 8" riser pipe @ 120'		
bottom plate welded on tail pipe		
12" drive shoe cutt off @ 310'		

*cement outside 16" casing 4'-24'
*cement outside 12" casing from 47'-70'

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FEB 18 2025

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OCT 19 2018

OWRD

Comments/Remarks

STATE OF OREGON

CLAC 74534

WELL I.D. LABEL# L 131118

WATER SUPPLY WELL REPORT

WESTERBERG DRILLING INC.

START CARD # 214206

(as required by ORS 537.765 & OAR 690-205-0210)

PO BOX 1228

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. MOLALLA, OR 97038

First Name Last Name

Company Columbia Fruit LLC

Address 2526 Dike Rd

City Woodland State WA Zip 98674

(2) TYPE OF WORK

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

(2a) PRE-ALTERATION

Dia + From To Gauge Stl Plstc Wld Thrld

Casing: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Material From To Amt sacks/lbs

Seal: ☐ ☐ ☐ ☐ ☐ ☐

(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 300 ft.

BORE HOLE

Dia	From	To	Material	From	To	Amt	sacks/lbs
20	0	24	Bentonite	0	4	6	S
16	0	70	*see note @ end	Calculated	4.7		
12	70	313	Cement	4	70	169	S
6	313	480		Calculated	32		

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E☒ Other bent. placed dry

Backfill placed from 300 ft. to 315 ft. Material pea gravel

Filter pack from 120 ft. to 300 ft. Material c.s.s. Size 6/9

Explosives used: ☐ Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER

Casing/ Liner	Dia	From	To	Gauge	Stl	Plstc	Wld	Thrld
<input checked="" type="checkbox"/>	16	2	60	.375	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	12	1.5	165	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	8	120	160	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	8	175	206	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	8	220	240	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 310Temp casing ☒ Yes Dia 20 From + 0 To 22

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type v wire Material s.s.

Perf/S	Casing/ Screen	Dia	From	To	Screen slot width	Slot length	# of slots	Tele/ pipe size
Screen	8	160	175	.06				8
Screen	8	206	220	.06				8
Screen	8	240	248	.06				8
Screen	8	263	275	.06				8
Screen	8	288	294	.06				8

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
150	102		4

Temperature 56 °F Lab analysis ☐ Yes ByWater quality concerns? ☐ Yes (describe below) TDS amount 138

From Description Amount Units

NOV 13 2018

(9) LOCATION OF WELL (legal description)

County CLACKAMAS Twp 5 S N/S Range 1 E E/W WM

Sec 19 NE 1/4 of the NW 1/4 Tax Lot 1100

Tax Map Number Lot

Lat " or DMS or DD

Long " or DMS or DD

☐ Street address of well ☒ Nearest address

S. Newman Rd. 1/8 mile west of Barlow Rd

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration Date SWL(psi) + SWL(ft)

Completed Well 09-14-2018 52

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 38

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

	38	62			
	69	91			
09-14-2018	166	293			52

(11) WELL LOG

Ground Elevation

Material	From	To
top soil	0	1
silt clay brown	1	14
silty sandy clay	14	19
clay grey	19	29
clay brown with sand & small gravel	29	38
brown sand & gravel with brown clay	38	62
clay brown	62	64
clay grey	64	69
sand & gravel grey med	69	91
clay grey	91	98
clay green dansy	98	102
clay blue sticky	102	136
clay olive green silty	136	143
clay grey crumbly & sandy	143	166
crumbly clay with layers of cemented sand	166	174
clay blue sticky	174	191
clay brown	191	206
clay brown with sand lenses	206	218
clay grey	218	242

Date Started 09-11-2018

Completed 10-14-2018

(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 Date

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 688 Date 10-15-2018

Signed Steven N. Stahl

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95

OWRD

ER SUPPLY WELL REPORT -

CLAC 74534

WELL I.D. LABEL# L 131118

WESTERBERG DRILLING INC.

START CARD # 214206

PO BOX 1228

ORIGINAL LOG #

a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE				SEAL				sacks/
Dia	From	To	Material	From	To	Amt	lbs	
			Cement	315	475	32	S	
				Calculated		28		
				Calculated				
				Calculated				
				Calculated				

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
	8		248	263	.250			X	
	8		275	288	.250			X	
	8		294	300	.250			X	

(7) PERFORATIONS/SCREENS

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

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

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

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

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

(11) WELL LOG

Material	From	To
dark grey claystone & sand	242	248
clay grey	248	252
clay brown	252	264
clay dark brown with thin lenses of cemented sand	264	274
clay grey brown	274	289
sand fine grey	289	293
clay blue green	293	321
soft green sandstone	321	324
clay grey	324	359
clay green	359	414
clay grey with fine grey sand lenses with wood	414	426
clay blue green sticky	426	475
clay blue	475	480
hole caved from 475-480		
8" drive shoe welded on top of 8" riser pipe @ 120'		
bottom plate welded on tail pipe		
12" drive shoe cutt off @ 310'		

*cement outside 16" casing 4'-24' /

*cement outside 12" casing from 47'-70' /

RECEIVED

NOV 13 2018

OWRD

Received

FEB 18 2025

OWRD

Comments/Remarks

PUMP TEST RECOVERY DATA SHEET

OWNERS NAME:	COLUMBIA FRUIT LLC
MAILING ADDRESS:	2526 DIKE RD., WOODLAND, WA 98674
WELL ADDRESS:	S.NEWMAN RD.

WELL DEPTH:	300	WELL DIAMETER:	12 S.W.L. 52
DEPTH PUMP SET:	165	SIZE OF DROP PIPE:	3
PUMP INFORMATION:	30 HP		

[illegible]

PUMP TEST DATA SHEET

CUSTOMERS NAME:	COLUMBIA FRUIT LLC	
MAILING ADDRESS:	2526 DIKE RD., WOODLAND, WA 98674	
WELL ADDRESS:	S. NEWMAN RD	WELL ID# L131118

WELL DEPTH:	300	WELL DIAMETER:	12 S.W.L. 52
DEPTH PUMP SET:	165	SIZE OF DROP PIPE:	3
PUMP INFORMATION:	30 hp		

Date	Time	Time since pump started	Depth to water from measure pt.	Depth to water from ground level	Flow Rate G.P.M.	PSI	AMPS	COMMENTS
8/16/2018	12:00 pm	0	54.00	52.00				start pump
		2	105'2.5		150			slightly turbid/ light brown
		4	118'10.25		150			
		6	130'4		150			
		8	134'7.75		150			cleaner
		10	136'11		150			
		15	141'1.5		150.00			
		20	143'1.5		150.00			clear/ no sand
		25	144'5.75		150.00			
		30	143'1		150			Is dirty grey with sand
		45	144'10.5		150.00			less turbid/ very little sand
	1:00	1	146'1		150.00			
		1.25	147'4		150.00			
		1.5	148'3.75		150.00			completely/ clear no sand
		1.75	149'5		150.00			
	2:00	2	150'6		150.00			
		2.25	151'4		150.00			
		2.5	152'2.5		150.00			
		2.75	152'11.25		150.00			
	3:00	3	153'9		150.00			
		3.25	154'5		150.00			
		3.5	155'		150.00			
		3.75	155'6.5		150.00			
	4:00	4	156'5		150.00			pump off
			160 IS the screen					

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Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Well Owner:

Name: Columbia Fruit LLC
 Address: 2526 Dike Rd
 County: Cowlitz
 City: Woodland State: WA Zip: _____
 Original owner (from well log): _____

Well Location:

Township: 5 S Range: 1 E
 Section: 19 $\frac{1}{4}$ NE $\frac{1}{16}$ NE $\frac{1}{64}$ NE
 Well depth: 300.0 Date drilled: 9/14/18
 Owners well no. (if any): _____
 POD ID: _____

Water Right Information:

Application: T-12446 Permit: _____ Certificate: _____
 Is this well listed on more than one water right? ☐ Yes If yes, list additional water rights below:
 Application: _____ Permit: _____ Certificate: _____
 Application: _____ Permit: _____ Certificate: _____

Pump Test:

Test Conducted by: Steve Stadel Well Owner? ☐ Yes
 Company: Westerberg Drilling Inc
 Address: PO Box 1228 Date of Test: 08/16/2018
 City: Molalla State: OR Zip: 97038
 Daytime phone: 503-829-2526

Method of discharge measurement (see our brochure for more information): Flow meter
 Method of water-level measurement (pick one or enter other method used): Electric tape
 Length of air line (if used): n/a

Pump type (pick one or enter other method used): Submersible
 Was the pump test conducted during normal use of the well? ☐ Yes Note: new well test
 Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? ☐ Yes Note: no
 If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test: _____

Is there a lake, stream or other surface water body within $\frac{1}{4}$ mile of the tested well? ☐ Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: _____ ft Approx. elevation difference: _____ ft

Well elevation is n/a surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) _____

3/4" pvc probe tube

Measuring point distance above land surface 2.00 feet.

Static water level measurements: (A minimum of three measurements are required in the hour before pumping begins at no less than 20 minutes apart):

Time	Depth to water below meas. point	Depth to water below land surface
<u>11:00 am</u>	<u>54.00</u>	<u>52.00</u>
<u>11:20 am</u>	<u>54.00</u>	<u>52.00</u>
<u>11:40 am</u>	<u>54.00</u>	<u>52.00</u>

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>12:00 pm</u>	<u>150.00</u>	<u>gpm (gallons per minute)</u>
<u>1:00 pm</u>	<u>150.00</u>	<u>gpm (gallons per minute)</u>
<u>2:00 pm</u>	<u>150.00</u>	<u>gpm (gallons per minute)</u>
<u>3:00 pm</u>	<u>150.00</u>	<u>gpm (gallons per minute)</u>
<u>4:00 pm</u>	<u>150.00</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 08/16/2018 Time 12:00 pm
 Time pump turned off: Date 08/16/2018 Time 4:00 pm
 Total pumping time: 4 hours 0 minutes

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

Required Signature: [Signature]

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