

**CLAIM OF
BENEFICIAL USE
for Transfer Surface to
Groundwater POA**



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.

A separate form shall be completed for each transfer.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.\

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

If you have questions regarding the completion of this form, please call 503-979-9103.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see:

<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

**SECTION 1
GENERAL INFORMATION**

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Type of Authorized Change

This Claim is being submitted for a transfer where the only authorized change was a change from surface water point(s) of diversion to groundwater point(s) of appropriation. **YES**

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

1. File Information:

APPLICATION #
T-10009

2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Lloyd and Lois Piercy		PHONE NO. 541 561 4642	ADDITIONAL CONTACT NO.
ADDRESS 33927 Riverview Dr.			
CITY Hermiston	STATE OR	ZIP 97838	E-MAIL lloydpiercy51@gmail.com

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 Lloyd and Lois Piercy		
ADDRESS 33927 Riverview Dr.		
CITY Hermiston	STATE OR	ZIP 97838

4. Date of Site Inspection:

March 11, 2025

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Lloyd Piercy	3/11/25	Property Owner
Joe Ramos	3/11/25	Farmer

6. County:

Umatilla

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 Not Applicable		
ADDRESS		
CITY	STATE	ZIP

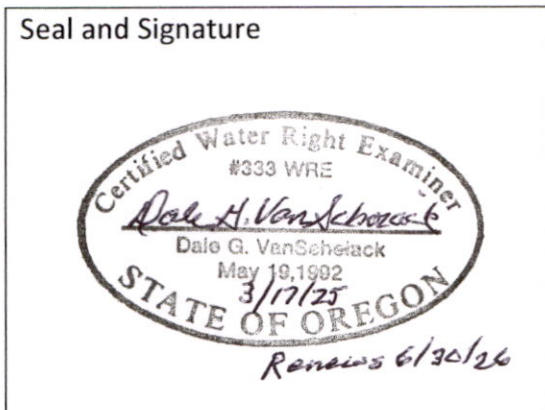
Add additional tables for owners of record as needed

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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.



CWRE NAME Dale VanSchoiack		PHONE NO. 509 627 8717	ADDITIONAL CONTACT NO.
ADDRESS 2141 South Lyle Street			
CITY Kennewick	STATE WA	ZIP 99337	E-MAIL dalevconsulting@gmail.com

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
	Lloyd Piercy	Property Owner	3/27/25
	Lois Piercy	Property owner	3/27/25

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SECTION 3

CLAIM DESCRIPTION

Note: The Claim only needs to describe the new point(s) of appropriation. This Claim does not need to provide information for the original point(s) of diversion involved in the transfer.

1. New point of appropriation name or number:

POINT OF APPROPRIATION (POA) NAME OR NUMBER (CORRESPOND TO MAP) WELL OR SUMP	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)	SOURCE (IF LISTED IN TRANSFER FINAL ORDER)
Pit Well - Primary Right	Not Applicable	Not Applicable	For the portion of C81586 listed in the Final Order for this transfer, Umatilla River a tributary to the Columbia River
Pit Well -Supplemental Right	Not Applicable	Not Applicable	McKay Reservoir, a tributary of McKay Creek. Water is released into the channels of McKay Creek and the Umatilla River

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

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 points of appropriation. The water user only developed one of the points.")

The Final Order noted the new pit well to be 145 feet North and 1780 feet West from the SE Corner of Section 16. While preparing this COBU report the pit well was found to be located 40 feet North and 1500 feet West of the SE Corner of Section 16.

3. Claim Summary:

NEW POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED
Pit Well – Primary Right associated with originating C-81586	0.30 cfs	0.42 cfs	Not Applicable
Pit Well – Supp Right Associated with Permit S-7400	0.30 cfs	0.42 cfs	Not Applicable

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SECTION 4

SYSTEM DESCRIPTION

Are there multiple POAs?

NO

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

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

Pit Well

A. Groundwater Source Information (Well)

1. Is the appropriation from a well?

YES

If "NO", items 2 through 4 relating to this section may be deleted.

2. Describe the access port (type and location) or other means to measure the water level in the well:

Access for measuring the well water level is through an opening in the top covering of the well.

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
Not Applicable						

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

Not Applicable

B. Groundwater Source Information (Sump)

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

YES

If "NO", items 2 through 4 relating to this section may be deleted.

Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

2. If the appropriation involves a SUMP, provide the following information for each SUMP:

LENGTH	WIDTH	AVERAGE DIAMETER	MAXIMUM DEPTH	SURFACE AREA (IN ACRES)	VOLUME IN CUBIC FEET OR ACRE FEET
20 ft	NA	4 ft diameter steel pipe casing	20.00 ft total casing length. 18.25 ft casing length below grade. 15 ft water depth on 3/11/25.	.000288 ac (12.57 sq ft)	188.55 cu ft (Based on 15 ft water depth)

3. If the sump is curbed constructed with watertight surface curbing, describe the curbing:

CURBING MATERIAL (CONCRETE, CONCRETE TILES, OR STEEL)	IF CONCRETE, PROVIDE THE THICKNESS OF THE WALL
48" diameter steel casing. 20 ft overall length with 1.25 ft extending above grade.	Not Applicable

4. Provide sump volume calculations:

Volume = Area x depth = 12.57 sq ft x 15 ft water depth = 188.55 cu ft

C. 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
Cornell	2.5 WH PEO	243841	Centrifugal	4"	2.5"

2. Motor Information:

MANUFACTURER	HORSEPOWER
Landmark	15 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)
15 hp	55 psi	5.0 ft	0 ft	0.42 cfs

4. Provide pump calculations:

Estimated Pumping head (TDH ft)

Pressure 55 psi at pump discharge x 2.31 ft/psi =	127.0 ft
5.0 ft SWL plus an estimated 10 ft drawdown.	15.0 ft
Lift from well head to irrigated ground	0.0 ft
Pipeline loss (estimated)	30.0 ft
Misc. loss: (estimated) flow meter, valves, and fittings	15.0 ft
Total TDH	187.0 ft

$$Hp = \frac{TDH \times gpm}{3960 \times \text{eff.}} \text{ or } gpm = \frac{3960 \times \text{eff} \times hp}{TDH} = \frac{3960 \times 60\% \times 15.0 hp}{187.0 ft} = 190 gpm \text{ or } 0.42 cfs$$

Centrifugal pump efficiency estimated to be 60% from pump curve.

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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 Applicable			

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

D. Additional notes or comments related to the system:

None

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 POA(S) WERE READY FOR USE *THIS DATE MUST FALL BETWEEN THE "ISSUANCE DATE" AND THE "COMPLETENESS DATE"
ISSUANCE DATE	November 30, 2007	
COMPLETENESS DATE FROM ORDER (C)	October 1, 2009	September 30, 2008

* 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)?**NO**

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

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

VOLUME	PAGE	DATE EXTENDED TO
Not Applicable		

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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? **YES**

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

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of appropriation.

- b. Has a meter been installed? **YES**

c. Meter Information

POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Pit Well	McCrometer	13 077 41	Working	081485 ac ft x.0001	March 2008

If a meter has been installed, items d through f relating to this section may be deleted.

Items d through f relating to this section were 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.

Item b relating to this section was 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? **NO**

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

Not Applicable

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SECTION 6
ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
COBU Map	COBU Map

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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 the application map, the county assessor's map, a 2015 Google image, and observations made during the site visit.

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
- NA** 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
- NA** 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
- NA** Source illustrated if surface water
- ☒ 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

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