

**CLAIM OF
BENEFICIAL USE
for Groundwater Permits
claiming more than 0.1 cfs**



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

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A fee of \$200 must accompany this form for permits
with priority dates of July 9, 1987, or later.

**SECTION 1
GENERAL INFORMATION**

1. File Information:

APPLICATION # G-15055	PERMIT # (IF APPLICABLE) G-17747	PERMIT AMENDMENT # (IF APPLICABLE)
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2a. Property Owner (current owner information): TL 3 2 19 1500, 1505

APPLICANT/BUSINESS NAME Edith Pierce	PHONE NO. (503) 537-4297	ADDITIONAL CONTACT NO.	
ADDRESS PO Box 92			
CITY Dundee	STATE OR	ZIP 97115	E-MAIL

2b. Property Owner (current owner information): TL 3 2 30B 2600

APPLICANT/BUSINESS NAME Susan and Kuen Lee	PHONE NO. (503) 538-1970	ADDITIONAL CONTACT NO.	
ADDRESS 25100 NE Hidden Meadow Road			
CITY Newberg	STATE OR	ZIP 97132	E-MAIL

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

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

PERMIT HOLDER OF RECORD Edith Pierce			
ADDRESS PO Box 92			
CITY Dundee	STATE OR	ZIP 97115	E-MAIL

ADDITIONAL PERMIT HOLDER OF RECORD Susan and Kuen Lee		
ADDRESS 25100 NE Hidden Meadow Road		
CITY Newberg	STATE OR	ZIP 97132

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4. Date of Site Inspection:

March 3, 2020 and July 31, 2020

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Dennis Pierce	March 3, 2020 and July 31, 2020	Owner / Operator

6. County

Yamhill

7. If any property described in the place of use of the permit 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

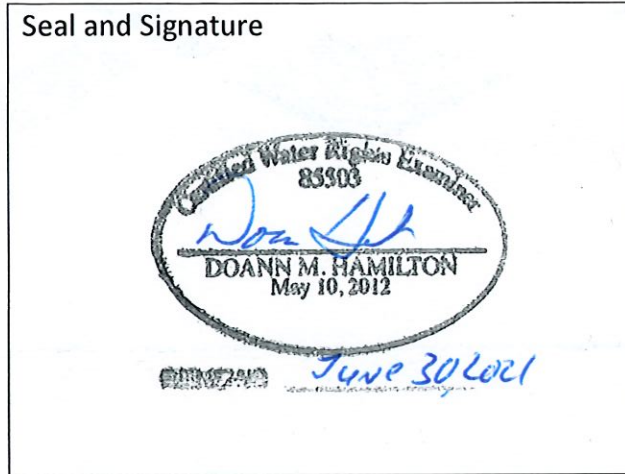
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CWRE Statement, Seal and Signature

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

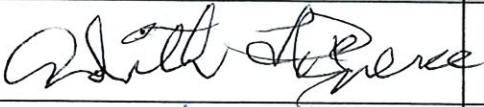
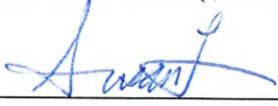
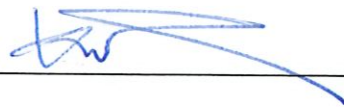


CWRE NAME Doann Hamilton		PHONE NO. (503) 632-5013	ADDITIONAL CONTACT NO. (503) 349-6946
ADDRESS 18487 S. Valley Vista Road			
CITY Mulino	STATE OR	ZIP 97042	E-MAIL phgdmh@gmail.com

Permit Holder of Record Signature or Acknowledgement

Each permit 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
	Edith Pierce	Owner	4/22/21
	Susan Lee	owner	4/24/2021
	Kuen Lee	Owner	04/24/2021

SECTION 3

CLAIM DESCRIPTION

1. Point of appropriation name or number:

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)
Well 1	YAMH 2439	NA
Well 3	YAMH 2838	NA

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

2. Point of appropriation source, if indicated on permit:

POA NAME OR NUMBER	SOURCE BASIN LOCATED WITHIN	TRIBUTARY
Well 1	Willamette River Basin	Columbia River
Well 3	Willamette River Basin	Columbia River

3. Developed use(s), period of use, and rate for each use:

POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
Well 1	Nursery	NA	Year Round	0.07 cfs
Well 3	Nursery	NA	Year Round	0.09 cfs
Total Quantity of Water Used				0.16 cfs

4. Provide a general narrative description of the distribution works. This description must trace the water system from each point of appropriation to the place of use:

Water is pumped from Well 1 (YAMH 2439) using a 3 Hp submersible pump to convey water within a shed through two pressure tanks. The line leaves the shed to the west where one line heads to a house to the east and the other to the west. A separate line heads northwest to a box containing the meter. From the box, one 2-inch mainline continues back southeast to a control box supporting 17 rows to the far east. Another line heads northwest to another control box supporting the next 11 rows. From that box, the mainline continues northwest along the northern edge of the property. At a frost-free spigot, the line heads south and along the fence behind the house where two additional control boxes are located to support the remaining rows. The mainline reduces down to a 1-inch pipe to cover the remaining zones. From the mainlines, two lines of ½-inch drip tape with holes every 5 feet (0.43 gph/ft), supply water to each row. There are 6 zones. One zone can be irrigated at a time.

Water is pumped from Well 3 (YAMH 2838) using a 3 hp submersible pump to convey water to the west to a shed containing a pressure tank used to pressurize the entire line. Before the line gets to the shed, the line tees south to connect the house and associated domestic lawn irrigation on exempt ½ acre. From the shed, the line heads south and can supply the house to the south if needed. At the northern edge of the field behind abandoned greenhouses, a meter is installed. The 2-inch mainline then continues west and connects to a box containing the control valves for 6 zones. A 1-inch mainline leaves the box and heads south, then tees east-west along the northern edge of the field. From the 1-inch mainlines, two lines of ½-inch drip tape with holes every 5 feet (0.43 gph/ft) run south to supply water to each row. There are 10 rows per 4 zones and 9 rows per 2 zones. Zone 1 can also supply either zone 1 or the 10 rows in the seventh zone covering the NW corner of the property, when needed. One zone can be irrigated at a time.

There is a line heading north from TL 2600 that goes under Dayton Ave and can connect TL 1505, but is not being used.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

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5. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below. **YES**

(e.g. "The permit allowed three points of appropriation. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

1. The property which includes Authorized Well 2 and the associated place of use (Lots 1400, 1401, 1404, and 1405) is going to be sold; therefore, that property is not being included in this Claim of Beneficial Use.

2. With better mapping and the use of recent aerial photos, the section and sixteenth lines vary from the original permit producing different acreage values per quarter-quarter section. These acres were further adjusted after field verifying.

Original authorized acreages in place of use:

3S	2W	19	SW SW	12.8
3S	2W	19	SE SW	1.1
3S	2W	24	SE SE	<u>2.6</u>
Total:				16.5

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Adjusted acreages in place of use, with the addition of DLC information:

3S	2W	19	SW SW	40	2.8 using Well 1 only by Edith Pierce
3S	2W	19	SW SW	40	0.2 using Well 3 only by Susan and Kuen Lee
3S	2W	19	SE SW	40	0.3 using Well 1 only by Edith Pierce
3S	2W	19	SE SW	40	<u>1.1</u> using Well 3 only by Susan and Kuen Lee
Total:				4.4	

3. With better mapping and the use of recent aerial photos, the section and sixteenth lines vary from the original permit producing different descriptions for the location of each well.

- The location of Well 1 is correctly placed at: 990 feet north and 1,310 feet east from the SW corner, Section 19.
- The location of Well 3 is correctly placed at: 325 feet north and 1,655 feet east from the SW corner, Section 19.

6. Claim Summary:

POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well 1	0.056 cfs	0.07 cfs	0.018 cfs (not running at full capacity)	Nursery	16.5	3.1
Well 3	0.056 cfs	0.09 cfs	0.002 cfs (not running at full capacity)			1.3
Total:						4.4

**SECTION 4a of 4b
SYSTEM DESCRIPTION**

Are there multiple POAs?

YES

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):

Well 1

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A. Place of Use

1. Is the right for municipal use?

NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
3S	2W	W.M.	19	SW SW	NA	40	Nursery	2.8	NA
3S	2W	W.M.	19	SE SW	NA	40	Nursery	0.3	NA
Total Acres Irrigated								3.1	NA

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLOT, and QQ.

B. 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:

½ inch vent plug on north side of the sanitary seal.

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
See Well Log YAMH 2439						

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.

See Well Log YAMH 2439

C. Groundwater Source Information (Sump)

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

NO

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.

D. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of appropriation to the place of use.

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YES

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1. Is a pump used?

If "NO" items 2 through item 6 may be deleted.

2. Pump Information:

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MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Aermotor	A+20-300 (1988)	Unknown	Submersible	4 inch	4 inch

3. Motor Information:

MANUFACTURER	HORSEPOWER
Franklin Electric	3 Hp

4. 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)
3 Hp	60 psi	160 feet (estimated from pumping test for nearby YAMH 1706)	0 feet	0.07 cfs

5. Provide pump calculations:

$Q \text{ Pump} = \frac{(3 \text{ Hp}) (7.04 \text{ ft}^4/\text{sec HP})}{(160 \text{ ft lift} + 152.4 \text{ ft pressure head})} = 0.07 \text{ cfs}$

6. 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)
9,019,550.2 gallons	9,019,647.4 gallons	12 minutes	8.1 gpm = 0.018 cfs (not running at full capacity)

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

7. Is the distribution system piped?

YES

If "NO" items 8 through item 13 may be deleted.

8. Mainline Information:

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
2 inch	500 ft	PVC	Below ground
1 inch	560 ft	Polyethylene	Above and below ground

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
1/2 inch drip line (2 per row)	47,250 ft	Polyethylene	Above and below ground

10. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
NA					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Drip Emitter Information:

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
NA					

12. Drip Tape Information:

DRIPPER SPACING IN INCHES	GPM PER 100 FEET	TOTAL LENGTH OF TAPE	MAXIMUM LENGTH OF TAPE USED	TOTAL TAPE OUTPUT (CFS)	ADDITIONAL INFORMATION
60 inches (two lines per row)	0.43 gph/ft = 0.72 gpm /100 ft	47,250 ft	8,220 ft	59.2 gpm = 0.13 cfs	None

13. Pivot Information:

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
NA				

E. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)?

YES

If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a: Storage Tank
 Bulge in System / Reservoir

YES
NO

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Complete appropriate table(s), unused table may be deleted.

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
Fiberglass pressure tank No. 1	87 gallons	Above ground
Fiberglass pressure tank No. 2	87 gallons	Above ground

F. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

NO

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

G. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING’S FORMULA FOR CANALS AND DITCHES)

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1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

NO

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

H. Additional notes or comments related to the system:

This well supplies two houses and is pressurized. The meter only records the use for irrigation of berries. The acres around the house are not included in this claim, but are irrigated under the allowed domestic half-acre irrigation exemption.

SECTION 4b of 4b

SYSTEM DESCRIPTION

Are there multiple POAs?

YES

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):

Well 3

A. Place of Use

1. Is the right for municipal use?

NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
3S	2W	W.M.	19	SW SW	NA	40	Nursery	0.2	NA
3S	2W	W.M.	19	SE SW	NA	40	Nursery	1.1	NA
Total Acres Irrigated								1.3	NA

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (Glot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, Glot, and QQ.

B. 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:

Top of casing beneath pitless adaptor cap.

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
See Well Log YAMH 2838						

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.

See Well Log YAMH 2838

C. Groundwater Source Information (Sump)

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

NO

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.

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D. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of appropriation to the place of use.

1. Is a pump used?

YES

If "NO" items 2 through item 6 may be deleted.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Goulds	25GS30	C0409929	Submersible	N/A	1.25 inch

3. Motor Information:

MANUFACTURER	HORSEPOWER
Franklin	3 Hp

4. 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)
3 Hp	60 psi	94.1 ft (from permit condition pump test)	0 ft	0.09 cfs

5. Provide pump calculations:

$$Q \text{ Pump} = \frac{(3 \text{ Hp}) (7.04 \text{ ft}^4/\text{sec HP})}{(94.1 \text{ ft lift} + 152.4 \text{ ft pressure head})} = 0.09 \text{ cfs}$$

6. 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)
2802.290 cf	2802.951 cf	5 minutes	0.661 cf = 4.94 gallons 4.95 gallons / 5 minutes = 0.988 gpm 0.988 gpm = 0.002 cfs (not running at full capacity)

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

7. Is the distribution system piped?

YES

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If "NO" items 8 through item 13 may be deleted.

8. Mainline Information:

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MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
2 inch	400 ft	PVC	Below ground
1 inch	300 ft	Polyethylene	Above

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
1/2 inch drip line (2 per row)	21,300 ft	Polyethylene	Above and below ground
1/2 inch drip line around house	400 ft	Polyethylene	Above and below ground
1/2 inch soaker hose around house	100 ft	Recycled rubber	Above and below ground

10. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
NA					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Drip Emitter Information:

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
NA					

12. Drip Tape Information:

DRIPPER SPACING IN INCHES	GPM PER 100 FEET	TOTAL LENGTH OF TAPE	MAXIMUM LENGTH OF TAPE USED	TOTAL TAPE OUTPUT (CFS)	ADDITIONAL INFORMATION
60 inches (two lines per row)	0.43 gph/ft = 0.72 gpm /100 ft	21,300 ft	3,150 ft	22.7 gpm = 0.05 cfs	None

13. Pivot Information:

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
NA				

E. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)?

YES

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If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a: Storage Tank
Bulge in System / Reservoir

YES

NO

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Complete appropriate table(s), unused table may be deleted.

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
Fiberglass pressure tank No. 1	87 gallons	Above ground
Fiberglass pressure tank No. 2	87 gallons	Above ground

F. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

NO

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

G. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

NO

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

H. Additional notes or comments related to the system:

Well 3 also supplies the house/lawn. Both the irrigation and the house are pressurized. The meter only records the use for irrigation of berries. The acres around the house are not included in this claim, but are irrigated under the allowed domestic half-acre irrigation exemption.

**SECTION 5
CONDITIONS**

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

1. Time Limits:

Permits and extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to

as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or permit extension order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	June 1, 2001		
BEGIN CONSTRUCTION (A)	NA	NA	NA
COMPLETE CONSTRUCTION (B)	NA	NA	NA
COMPLETE APPLICATION OF WATER (C)	October 1, 2005 extended to October 1, 2020	July 2020	Meter was installed at the Lee well and use recorded. All permit conditions were then satisfied and water was put to full beneficial use.

* MUST BE WITHIN PERIOD BETWEEN PERMIT, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

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

If "NO", items a and b relating to this section may be deleted.

a. Did the Extension Final Order require the submittal of Progress Reports? NO

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

3. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement? YES

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

b. What month was the initial measurement to be taken in?

March

c. Was the measurement submitted to the Department? YES

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
NA			

4. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? YES

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

b. Provide the month, or months, the static water level measurement(s) were to be made:

March

c. Were the static water level measurements taken in the month(s) required? YES

d. If "YES", were those measurements submitted to the Department? YES

e. If the annual measurements were not submitted, provide the measurements now:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
NA			

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5. Pump Test:

a. Did the permit require the submittal of a pump test? **YES**

Ground water permits with priority dates on or after **December 20, 1988**, require the submittal of a pump test prior to issuance of a certificate. In some cases, the permit holder may qualify for a multiple well exemption or an unreasonable burden exemption.

For additional information regarding pump tests see:

<https://www.oregon.gov/OWRD/programs/GWWL/GW/Pages/PumpTestProgram.aspx>

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

b. Has the pump test been previously submitted to the Department? **YES**

Well 2 and Lee Well

c. Is the pump test attached to this claim? **NO**

d. Has the pump test been approved by the Department? **NO**

e. Has a pump test exemption been approved by the Department? **NO**

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Once the pumping test results for Well 2 (YAMH 1706) and/or Well 3 (YAMH 2838) are approved, a multiple well exemption request for Well 1 will be submitted.

**** Claims will not be reviewed until a pump test or exemption has been approved by the Department**

6. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or 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 diversion or appropriation.

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

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Well 1	Badger	40395113	Working	8,939,485.7 gallons March 3, 2020	2012
Well 3	Unknown (no name anywhere on meter)	AR180300244	Working	2802.951 cf July 31, 2020	July 2020

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

7. Recording and reporting conditions:

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

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

b. Have the reports been submitted? **YES**

If the reports have not been submitted, attach a copy of the reports if available.

8. Other conditions required by permit, permit amendment 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. Was submittal of a water management and conservation plan required? NO
- d. Was a Well Identification Number (Well ID tag) assigned and attached NO
to the well?

WELL ID #	DATE ATTACHED TO WELL
NA	

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- e. 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):

None

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
State Water Well Report – YAMH 2439	Well log and driller's notes for YAMH 2439 – Well 1
State Water Well Report – YAMH 2838	Well log and driller's notes for YAMH 2838 – Well 3
BLM Cadastral Map	BLM Cadastral Map T.3S. R.2W. & T.3S. R.3W. showing DLC and Government Lot locations

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 poly 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.

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 3 2 19, 30 and 30B overlain by a 2014 aerial photo titled USDA-FSA-APFO NAIP County Mosaic and obtained online from the Natural Resources Conservation Service. Image Metadata:
<http://datagateway.nrcs.usda.gov/Catalog/ProductDescription/NAIPM.html>

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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.)

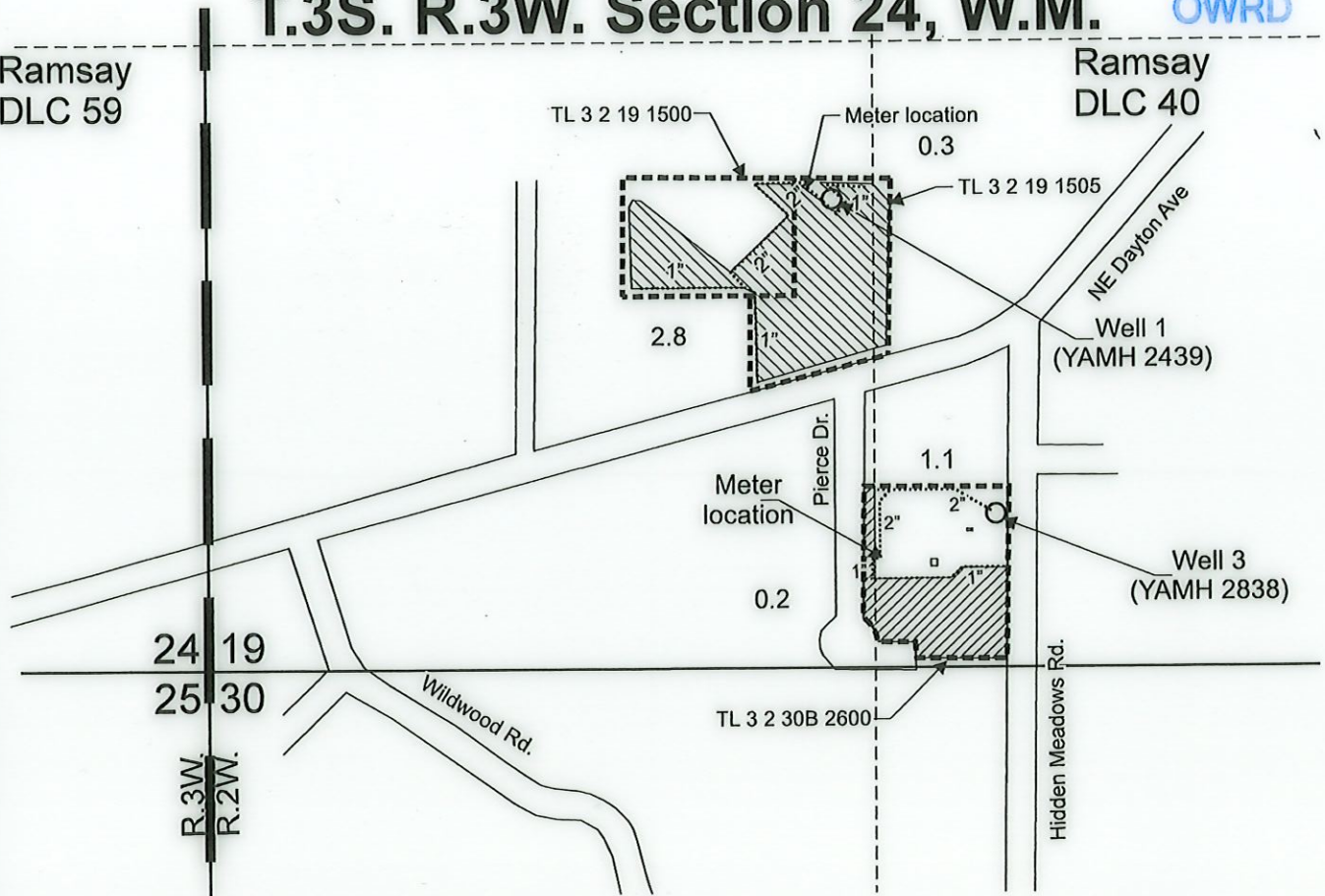
- Map on polyester film
- Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- Township, Range, Section, Donation Land Claims, and Government Lots
- If irrigation, number of acres irrigated within each projected Donation Land Claims, Government 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.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- 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

T.3S. R.2W. Section 19, T.3S. R.3W. Section 24, W.M.

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Ramsay
DLC 59


Ramsay
DLC 40



Well 1 (YAMH 2439) is located 990 feet north and 1,310 feet east from the SW corner, Section 19.

Well 3 (YAMH 2838) is located 325 feet north and 1,655 feet east from the SW corner, Section 19.

 Area (3.1 Acres) irrigated under Application G-15055, Permit G-17747, assigned to Edith Pierce.

 Area (1.3 Acres) irrigated under Application G-15055, Permit G-1747, assigned to Susan and Kuen Lee.

----- Tax lot boundary

———— Donation Land Claim boundary

..... Mainlines



June 30, 2021



Scale: 1" = 400'



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.

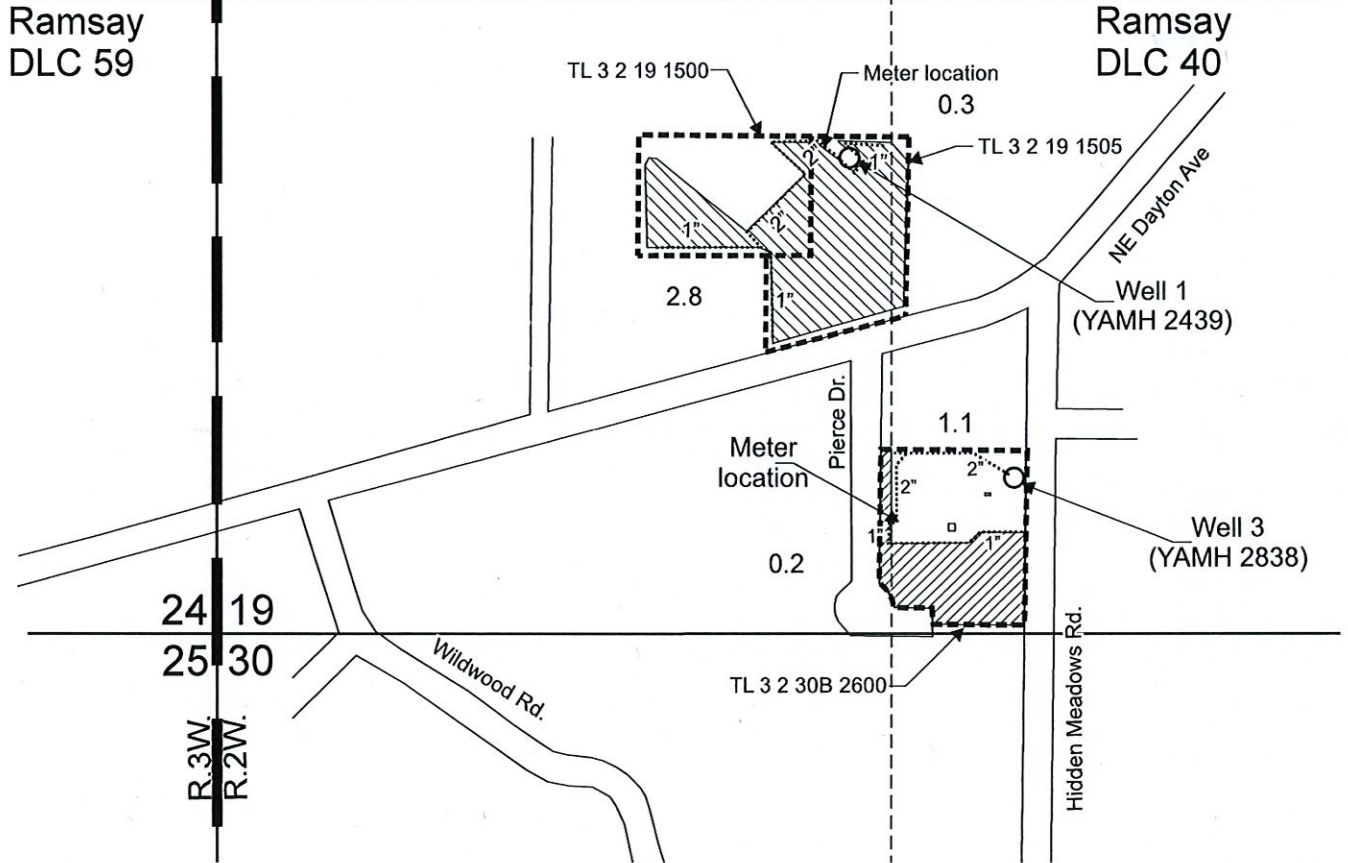
Claim of Beneficial Map Application G-15055, Permit G-17747

Edith Pierce and Susan and Kuen Lee
T.3S. R.2W. Sec. 19, T.3S. R.3W. Sec. 24, W.M.

Pacific Hydro-Geology Inc.

04/2021

T.3S. R.2W. Section 19, T.3S. R.3W. Section 24, W.M.



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———— Donation Land Claim boundary

..... Mainlines



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.



Scale: 1" = 400'



Pacific Hydro-Geology Inc.

Claim of Beneficial Map

Application G-15055, Permit G-17747

Edith Pierce and Susan and Kuen Lee
T.3S. R.2W. Sec. 19, T.3S. R.3W. Sec. 24, 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 97310 within 30 days from the date of well completion.

Yamhill
24/29

WATER WELL REPORT

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JUL 16 1974

STATE OF OREGON STATE ENGINEER

State Well No. *35/2W-19*

(Please type or print) SALEM, OREGON

State Permit No. _____

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(1) OWNER:

Name *J.P. Peace*
Address *J.P.P. 3 Box 326 Newberg*

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Cable Dug Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
" Diam. from *4 1/8"* ft. to *20* ft. Gage *4*
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____

Size of perforations _____ in. by _____ 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 _____ Model No. _____
Type _____ 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: _____ gal./min. with _____ ft. drawdown after _____ hrs.
air lifted " 90 RPM from 265ft "
" after 1 hr "
Bailey test _____ gal./min. with *140* ft. drawdown after *1* 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 *18* ft.
Diameter of well bore to bottom of seal *10 3/8* in.
Diameter of well bore below seal *6* in.
Number of sacks of cement used in well seal *6* 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: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County *Yamhill* Driller's well number _____
_____ 1/4 Section T. R. W.M.

Bearing and distance from section or subdivision corner

Sec 19 T35 R22E

(11) WATER LEVEL: Completed well.

Depth at which water was first found *215* ft.
Static level *115* ft. below land surface. Date *6/25/74*
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing *6*

Depth drilled *265* ft. Depth of completed well *265* 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
<i>top of soil</i>	<i>0</i>	<i>3</i>	
<i>Brown Clay</i>	<i>3</i>	<i>9</i>	
<i>Soft rock</i>	<i>9</i>	<i>12</i>	
<i>med Brown Basalt</i>	<i>12</i>	<i>180</i>	
<i>Broken</i>			
<i>Hard Basalt</i>	<i>180</i>	<i>215</i>	
<i>Medfousis "</i>	<i>215</i>	<i>225</i>	
<i>Brown Broken</i>	<i>225</i>	<i>265</i>	

Work started *6/25* 1974 Completed *6/25* 1974

Date well drilling machine moved off of well *6/25* 1974

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] *Paul M. Hoffman* Date *7/14*, 1974
(Drilling Machine Operator)

Drilling Machine Operator's License No. *82*

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 *Paul M. Hoffman*
(Person, firm or corporation) (Type or print)

Address *729 N Main Newberg*

[Signed] *Paul M. Hoffman*
(Water Well Contractor)

Contractor's License No. *117* Date *7/14*, 1974

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

Yamhill
2838
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38/2w/19cc

(START CARD) # 50234

(1) OWNER:

Name J.D. & Edith pierce
Address 24225 Dayton Ave
City Newberg State OR Zip 97132

Well Number 93-337 WATER RESOURCES DEPT. SALEM, OREGON

(2) TYPE OF WORK:

New Well Deepen Recondition Abandon

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 229 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
10	0	30	cement	0	30	15 sks
6	30	229				

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:

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing:	6	+1	32	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 32.5

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
N/A						<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
35	70		21 hr.

Temperature of Water 51 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 3s N or S. Range 2w E or W. WM.
Section 19 SW $\frac{1}{4}$ SW $\frac{1}{4}$
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
SAME

(10) STATIC WATER LEVEL:

78 ft. below land surface. Date 7/9/93
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 130

From	To	Estimated Flow Rate	SWL
130	228	35	78

(12) WELL LOG:

Ground elevation 180

Material	From	To	SWL
Topsoil	0	2	
Clay Brwn	2	22	
Rock decomposed	22	24	
Rock Fractured hard	24	90	
lava red	90	95	
Rock fractured hard	95	115	
Rock fractured red/brw	115	120	
Basalt fraactured gray/brw	120	141	78
rock red/brw MH fractured	141	152	
Basalt fractured Gry/BrwH	152	223	
Rock decomposed MH	223	228	
Basalt fractured	228	229	

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Date started 6/28/93 Completed 7/9/93

(unbonded) Water Well Constructor Certification:

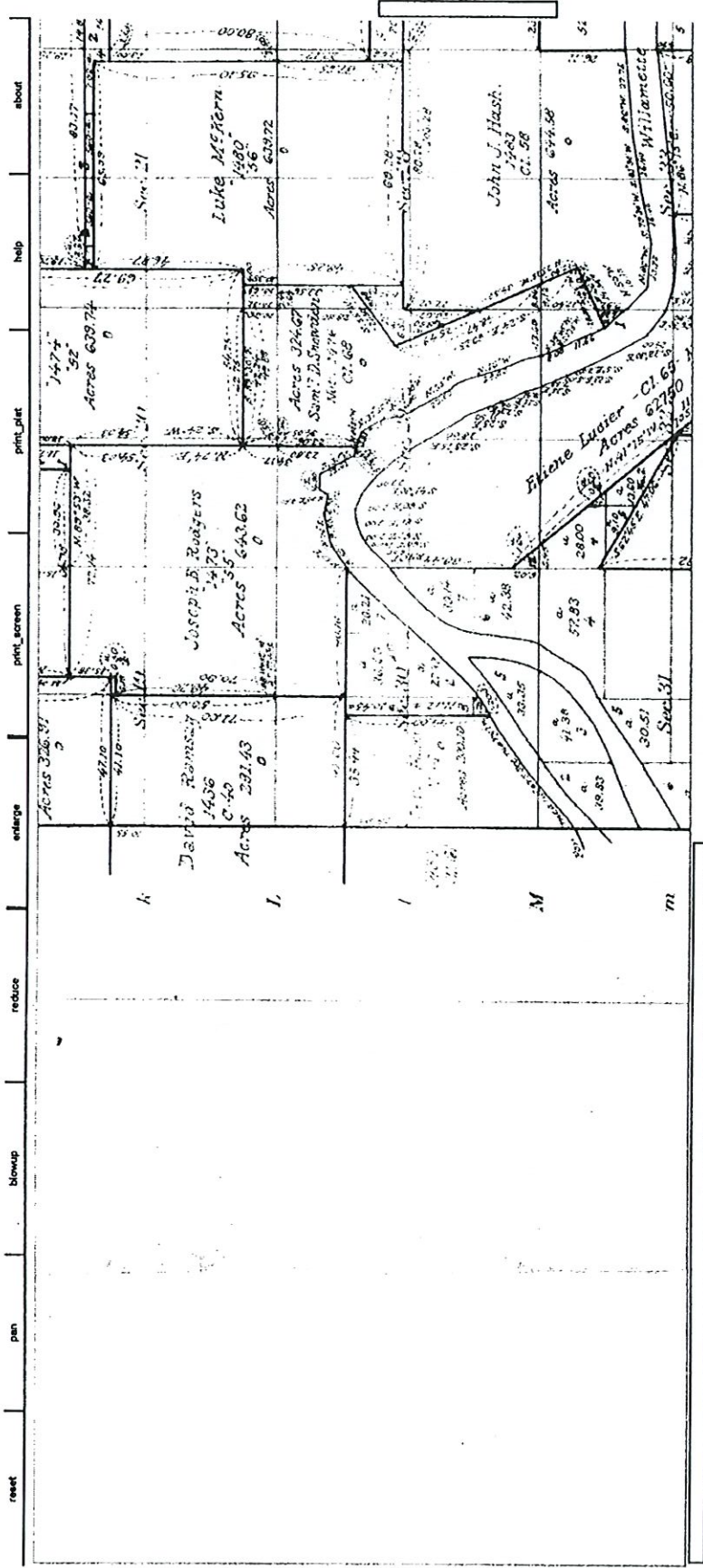
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed _____ WWC Number _____
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 well construction standards. This report is true to the best of my knowledge and belief.

Signed Tom Bryant WWC Number 703
Date 7/9/93



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