

# LAKE 52487

*Amended*

Well #8

## LAKE 52487

LAKE 52487

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

WELL LABEL # L 104458  
START CARD # 20641  
ORIGINAL LOG #

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

(1) LANDOWNER Owner Well ID \_\_\_\_\_  
First Name Thomas Last Name MacDaid  
Company \_\_\_\_\_  
Address Po Box 51  
City Summer Lake State OR Zip 97140

(2) TYPE OF WORK  New  Conversion  Deepening  
 Alteration (complete Sections 2a & 10)  Abandonment (complete Section 5a)

(2a) PRE-ALTERATION: Well Depth \_\_\_\_\_ ft.  
Seal Material \_\_\_\_\_  
Casing Type:  Steel  Plastic  Other \_\_\_\_\_  
Casing Gauge \_\_\_\_\_ Casing Diameter \_\_\_\_\_

(3) DRILL METHOD  Rotary Air  Rotary Mud  Auger  
 Cable  Cable Mud  Reverse Rotary  Other \_\_\_\_\_

(4) PROPOSED USE  Domestic  Irrigation  Community  
 Industrial/Commercial  Livestock  Dewatering  Injection  
 Thermal  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION  
Depth of Completed Well 260 ft. Special Standard:  Yes (attach copy)

BORE HOLE				SEAL			
Dia	From	To	Material	From	To	Amount	Scks/lbs
2 1/2"	0	90	Cement	0	90	100	50
1 1/2"	90	155	Cement	90	155	100	50
1 1/4"	155	200					
1 1/8"	200	260					

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Filter pack from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_ Size \_\_\_\_\_

(5a) ABANDONMENT USING UNHYDRATED BENTONITE:  
Calculated Amount Proposed to be Used: \_\_\_\_\_ sacks/lbs  
Actual Amount Used: \_\_\_\_\_ sacks/lbs

(6) CASING/LINER

Casing/Liner	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X	1 1/2"	+	1	90	.250	X		X	
X	1 1/4"	+	1	155	.250	X		X	

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
Temporary casing  Yes Diameter \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

(7) PERFORATIONS/SCREENS  
Perforations Method \_\_\_\_\_  
Screens Type \_\_\_\_\_ Material \_\_\_\_\_

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

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailor  Air  Flowing Artesian  
Yield gal/min 1500 Drawdown \_\_\_\_\_ Drill stem/Pump depth \_\_\_\_\_ Duration (hr) 1 hr  
Temperature 60 °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below) IDS \_\_\_\_\_ ppm  
From \_\_\_\_\_ To \_\_\_\_\_ Description \_\_\_\_\_ Amount \_\_\_\_\_ Units \_\_\_\_\_

(9) LOCATION OF WELL (legal description)  
County Lake Twp 30 N or S, Range 17 E or W W.M.  
Sec 5 ~~ENWA~~ of the ~~SE 1/4~~ Tax Lot 6002  
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
Street Address of Well (or nearest address) 48413 Dussard Spring rd Summer Lake

(10) STATIC WATER LEVEL

Well	Date	SWL (psi)	+	SWL (ft)
Existing Well/Pre-Alteration	<u>7-1-13</u>	<u>4 psi</u>		
Completed Well				

Flowing Artesian?  Yes Dry Hole?  Yes  
WATER BEARING ZONES Depth water was first found 260'

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>9-1-13</u>	<u>270</u>	<u>260</u>	<u>1500</u>	<u>4 psi</u>		

(11) WELL LOG Ground Elevation \_\_\_\_\_

Material	From	To
<u>Top Soil</u>	<u>0</u>	<u>2</u>
<u>Thin clay</u>	<u>2</u>	<u>150</u>
<u>Black Lava Rock</u>	<u>150</u>	<u>165</u>
<u>Red Lava Rock</u>	<u>165</u>	<u>220</u>
<u>Black Lava Rock</u>	<u>220</u>	<u>260</u>

RECEIVED BY OWRD  
NOV 18 2013  
OCT 10 2013  
SALEM, OR  
Date Started 8-15-13 Completed 9-1-13

(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 16541 Date 10-6-13  
Signed [Signature]  
Contact Info (optional) \_\_\_\_\_

STATE OF OREGON  
**DRAFT**

**LAKE 52487**

**LAKE 52487**

WELL LABEL # L 104458

START CARD # 206041

ORIGINAL LOG #

**(1) LANDOWNER**

Owner Well I.D. \_\_\_\_\_  
First Name Thomas Last Name MacDonald  
Company \_\_\_\_\_  
Address PO Box 81  
City Summer Lake State OR Zip 97640

**(2) TYPE OF WORK**  New  Conversion  Deepening  
 Alteration (complete Sections 2a & 10)  Abandonment (complete Section 5a)

**(2a) PRE-ALTERATION:** Well Depth \_\_\_\_\_ ft.  
Seal Material \_\_\_\_\_  
Casing Type:  Steel  Plastic  Other \_\_\_\_\_  
Casing Gauge \_\_\_\_\_ Casing Diameter \_\_\_\_\_

**(3) DRILL METHOD**  Rotary Air  Rotary Mud  Auger  
 Cable  Cable Mud  Reverse Rotary  Other \_\_\_\_\_

**(4) PROPOSED USE**  Domestic  Irrigation  Community  
 Industrial/Commercial  Livestock  Dewatering  Injection  
 Thermal  Other \_\_\_\_\_

**(5) BORE HOLE CONSTRUCTION**  
Depth of Completed Well 260 ft. Special Standard:  Yes (attach copy)

BORE HOLE			SEAL				
Dia	From	To	Material	From	To	Amount	Scks/lbs
24"	0	90	Cement	0	90	100	50
18"	90	155	Cement	90	155	100	50
14"	155	200					
10"	200	260					

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Filter pack from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_ Size \_\_\_\_\_

**(5a) ABANDONMENT USING UNHYDRATED BENTONITE:**  
Calculated Amount Proposed to be Used: \_\_\_\_\_ sacks/lbs  
Actual Amount Used: \_\_\_\_\_ sacks/lbs

**(6) CASING/LINER**

Csng	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		18"	+	1	90	.250	X		X	
X		14"	+	1	155	.250	X		X	

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
Temporary casing  Yes Diameter \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

**(7) PERFORATIONS/SCREENS**  
Perforations Method \_\_\_\_\_  
Screens Type \_\_\_\_\_ Material \_\_\_\_\_

Perf	Scrn	Csng	Linr	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size

**(8) WELL TESTS: Minimum testing time is 1 hour**  
 Pump  Bailer  Air  Flowing Artesian  
Yield gal/min 1500 Drawdown \_\_\_\_\_ Drill stem/Pump depth \_\_\_\_\_ Duration (hr) hr  
Temperature 60' °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below) TDS \_\_\_\_\_ ppm  
From \_\_\_\_\_ To \_\_\_\_\_ Description \_\_\_\_\_ Amount \_\_\_\_\_ Units \_\_\_\_\_

**(9) LOCATION OF WELL (legal description)**  
County Lake Twp 30 N or S Range 17 E or W W.M.  
Sec 35 SE 1/4 of the R2 1/4 Tax Lot 600  
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
Street Address of Well (or nearest address) 48413 Dressel  
Spring rd Summer Lake

**(10) STATIC WATER LEVEL**

	Date	SWL(psi)	+	SWL (ft)
Existing Well/Pre-Alteration	<u>9-1-13</u>	<u>4 psi</u>		
Completed Well				

Flowing Artesian?  Yes Dry Hole?  Yes  
WATER BEARING ZONES Depth water was first found 260'

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>9-1-13</u>	<u>270</u>	<u>260</u>	<u>1500</u>	<u>4 psi</u>		

**(11) WELL LOG** Ground Elevation \_\_\_\_\_

Material	From	To
TOP SoIL	0	2
Brown clay	2	150
Black Lava rock	150	165
Red Lava rock	165	220
Broken Lava rock	220	260

RECEIVED BY OWRD  
NOV 18 2013  
OCT 10 2013  
SALEM, OR  
Date Started 8-15-13 Completed 9-1-13

**(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 16541 Date 10-6-13  
Signed \_\_\_\_\_  
Contact Info. (optional) \_\_\_\_\_

# LAKE 52487

May 15<sup>th</sup>, 2014

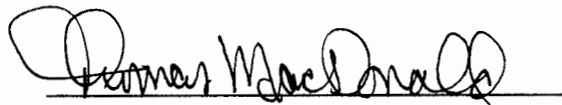
Oregon Water Resources Department  
Attn: Buffy Gillis  
725 Summer Street NE, Suite A  
Salem, OR 97301

Dear Ms. Gillis,

Below is a list of the correct locations of the wells therein identified. Well driller Tom Search sent your office the corrected well logs for LAKE 1507 and LAKE 52487. Schroeder Law Offices sent your office the corrected well logs for the remaining wells.

Well #	Well Log #	Township, Range, Section, Quarter-Quarter
Well 1	LAKE 3030	30 South, 17 East, Sec. 8 NE NW
Well 2	LAKE 1507	30 South, 17 East, Sec. 8 NE NW
Well 3	LAKE 4444	30 South, 17 East, Sec. 8 NE NW
Well 4	LAKE 3029	30 South, 17 East, Sec. 8 NE NW
Well 6	LAKE 52368	30 South, 17 East, Sec. 5 SW SE
Well 7	LAKE 52369	30 South, 17 East, Sec. 8 NE NW
Well 8	LAKE 52487	30 South, 17 East, Sec. 5 NW SE

Sincerely,



Thomas MacDonald  
Desert Springs Trout Farm

RECEIVED BY OWRD

MAY 19 2014

SALEM, OR