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Take 3030

30s/18E-8aa

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.766)

JUL - 1 1988

(1) OWNER: WATER RESOURCES DEPARTMENT #1 Name ROBERT OLSON SALEM OREGON Address P/O BOX 40 City SUMMER LAKE State OR Zip 97640

(9) LOCATION OF WELL by legal description: County LAKE Latitude Longitude Township 30 N of S Range 18 E or W, WM. Section 8 NE 1/4 NE 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) SUMMER LAKE

(2) TYPE OF WORK: [X] New Well [ ] Deepen [ ] Recondition [ ] Abandon

(3) DRILL METHOD [ ] Rotary Air [ ] Rotary Mud [X] Cable [ ] Other

(4) PROPOSED USE: [ ] Domestic [ ] Community [ ] Industrial [ ] Irrigation [X] Normal [ ] Injection [ ] Other FISH HATCHERY

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No [ ] Yes [X] No Depth of Completed Well 296 ft. Explosives used [ ] [X] Type Amount

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Row 1: 16" 0 60' CEMENT GROUT 0 60 160 SACKS. Row 2: 12" 60 296

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 12" +1.5 60' 250 [X] [ ] [X] [ ] Liner: [ ] [ ] [ ] [ ]

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes checkboxes for Perforations and Screens.

(8) WELL TESTS: Minimum testing time is 1 hour [ ] Pump [ ] Bailer [ ] Air [X] Flowing Artesian Yield gal/min 2100 Drawdown Drill stem at Time 1 hr.

Temperature of water 60 Depth Artesian Flow Found 241 Was a water analysis done? [ ] Yes By whom Did any strata contain water not suitable for intended use? [X] Too little [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other Depth of strata: 3'

(10) STATIC WATER LEVEL: ft. below land surface. Date Artesian pressure 17 lb. per square inch. Date 6-30-85

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 241 296 2100 +1.5

(12) WELL LOG: Table with columns: Material, From, To, SWL. Rows include SOIL-SANDY, CLAY-GREEN, SAND-FINE BLACK, CLAY-TAN, CINDERS-SAND, RED, LAVA BOULDERS, CINDERS-SAND, RED. Includes 'RECEIVED BY OWRD' and 'MAR 05 2014' stamp.

Date started 4-15-85 Completed 6-30-85 (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. 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 well construction standards. This report is true to the best of my knowledge and belief. WWC Number 1362 Signed E. Ojala Baker Date 6-24-88

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

RECEIVED

FEB 2 1985 TYPE OR PRINT IN INK

Lake 1507  
Per Wm. T. R.S.

30/17E-866

(for official use only)

(1) OWNER: WATER RESOURCES DEPT  
Name ROBERT OLSON, CREGON  
Address SUMMER LAKE  
City \_\_\_\_\_ State OR

(2) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):  
Rotary Air  Driven  Domestic  Industrial  Municipal   
Rotary Mud  Dug  Irrigation  Withdrawal  Rejection   
Cable  Bored  Other: Piezometric  Grounding  Test

(5) CASING INSTALLED: Steel  Plastic   
Threaded  Welded   
12" Diam. from +1 ft. to 60 ft. Gauge 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

LINER INSTALLED: Steel  Plastic   
Threaded  Welded   
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

(6) PERFORATIONS: Perforated?  Yes  No  
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 \_\_\_\_\_  
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?  
\_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Air test \_\_\_\_\_ gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow 1960 g.p.m.  
Temperature of water 60° Depth artesian flow encountered 241 ft.

(9) CONSTRUCTION: Special standards: Yes  No   
Well seal—Material used CEMENT GROUT  
Well sealed from land surface to 55 ft.  
Diameter of well bore to bottom of seal 16 in.  
Diameter of well bore below seal 12 in.  
Amount of sealing material 118 sack  pounds   
How was cement grout placed? PUMPED  
Was pump installed? NO Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
Was a drive shoe used?  Yes  No Plug \_\_\_\_\_ 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: \_\_\_\_\_ ft.  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

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

(10) LOCATION OF WELL by legal description:  
County LAKE 1/4 of Section \_\_\_\_\_ of  
Township \_\_\_\_\_ Range \_\_\_\_\_ WM.  
(Township is North or South) (Range is East or West)  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
MAILING ADDRESS OF WELL (or nearest address) SUMMER LAKE

(11) WATER LEVEL of COMPLETED WELL:  
Depth at which water was first found 55 ft.  
Static level \_\_\_\_\_ ft. below land surface. Date \_\_\_\_\_  
Artesian pressure 5 lbs. per square inch. Date 6-30-85

(12) WELL LOG: Diameter of well below casing 12"  
Depth drilled 296 ft. Depth of completed well 296 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
SANDY SOIL	0	3	
TAN CLAY	3	55	2'
SAND, FINE	55	56	
CLAY, GREEN	56	241	+1
BOULDERS, RED, POUROUS	241	296	

Date work started 4-15-85/completed 6-30-85  
Date well drilling machine moved off of well 7-15-1985  
(unbonded) Water Well Constructor Certification (if applicable):  
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] \_\_\_\_\_ Date \_\_\_\_\_, 19 \_\_\_\_\_

(bonded) Water Well Constructor Certification:  
Bond 3841670 Issued by: O.A.T.C. (number) (Surety Company Name)  
On behalf of FLOYD BAKER (type or print name of Water Well Constructor)  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
(Signed) Floyd Baker (Water Well Constructor)  
(Dated) 2-20-86

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 SP-46866-690  
within 30 days from the date of well completion.

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MAR 05 2014

SALEM, OR

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

JUL - 1 1988

Lake 4444

30 1/2 E-8aa

WATER RESOURCES DEPARTMENT

(1) OWNER:

Name ROBERT OLSON  
Address P/O BOX 40  
City SUMMER LAKE State OR Zip 97640

(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 FISH HATCHERY

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 262 ft.  
Explosives used Yes No  Type Amount

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
16"	0 120	GROUT	0 120	165	
12"	120 262				

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:	Diameter	From	To	Gauge	Steel		Plastic		Welded	Threaded
					Steel	Plastic	Welded	Threaded		
	12	0	160	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(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"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<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
2100			1 hr.

Temperature of water 60 Depth Artesian Flow Found 245  
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: ONE FOOT

(9) LOCATION OF WELL by legal description:

County LAKE Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 30 North Range 16 East or W, WM.  
Section 8 NE 1/4 NE 1/4  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) SUMMER LAKE

(10) STATIC WATER LEVEL:

\_\_\_\_\_ ft. below land surface. Date \_\_\_\_\_  
Artesian pressure 17 lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found ONE FOOT

From	To	Estimated Flow Rate	SWL
1'	7'		1'
245	262	2100	+2'

(12) WELL LOG:

Ground elevation \_\_\_\_\_

Material	From	To	SWL
SOIL, SANDY BROWN	0	7	1'
CLAY, GREEN	7	63	1'
CLAY - TAN	63	245	+2'
CINDERS-SAND, RED	245	246	+2'
BOULDERS, LAVA, LARGE	246	261	+2'
CINDERS-SAND, RED	261	262	+2'

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MAR 05 2014  
SALEM, OR

Date started 5-15-87 Completed 10-20-87

(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.

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

WWC Number 1362  
Signed Floyd Baker Date 6-24-88

RECEIVED

Lake 3029

305/16E-8aa

STATE OF OREGON WATER WELL REPORT JUL - 1 1988 (as required by ORS 537.765)

(1) OWNER: Name ROBERT OLSON, Address P/O Box 40, City SUMMER LAKE, State OR, Zip 97640

(2) TYPE OF WORK: [X] New Well, [ ] Deepen, [ ] Recondition, [ ] Abandon

(3) DRILL METHOD: [ ] Rotary Air, [ ] Rotary Mud, [X] Cable

(4) PROPOSED USE: [ ] Domestic, [ ] Community, [ ] Industrial, [ ] Irrigation, [ ] Thermal, [ ] Injection, [ ] Other FISH HATCHERY

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No [X] No, Depth of Completed Well 310 ft.

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Rows: 16" 0-120 CEMENT 210 SACK, 12" 120-245 GROUT, 8" 245-310

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E. Backfill placed from 0 ft. to 0 ft. Material. Gravel placed from 0 ft. to 0 ft. Size of gravel.

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 12" 0-160 250 [X] [ ] [X] [ ]

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour. Yield gal/min 2100, Drawdown, Drill stem at, Time 1 hr.

Temperature of water 60, Depth Artesian Flow Found 245. Was a water analysis done? [ ] Yes By whom. Did any strata contain water not suitable for intended use? [X] Too little.

(9) LOCATION OF WELL by legal description: County LAKE, Township 30 N of Range 16 E of W, WM, Section 8 NE 1/4 NE 1/4, Street Address of Well (or nearest address) SUMMER LAKE

(10) STATIC WATER LEVEL: ft. below land surface, Date, Artesian pressure 17 lb. per square inch, Date 4-15-88

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Rows: 7' 8', 245 310 2100 +2

(12) WELL LOG: Table with columns: Material, From, To, SWL. Rows: SOIL, BROWN SANDY 0 7 7', CLAY - GREEN 7 53 7', CLAY - TAN 53 245 +2, CINDERS - SAND, RED 245 246 +2, LAVA BOULDERS, LARGE 246 302 +2, CINDERS - RED 302 310 +2

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MAR 05 2014

SALEM, OR

Date started 11-10-87 Completed 4-15-88

(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. 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. Signed Felipe Danks WWC Number 1262 Date 6-24-88

**Well #6**

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

**LAKE LAKE** Well #11 #2  
**52308** **LAKE 52368**  
*Am Titled*

WELL LABEL # L 10 3897  
START CARD # 206439  
ORIGINAL LOG #

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

(1) **LANDOWNER** Owner Well I.D.  
First Name Thomas Last Name Mc Daniel  
Company \_\_\_\_\_  
Address PO Box 87  
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	39	Cement	0	39	80	5CK
18"	39	210	Cement	210	210	150	5CK
12"	210	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	16"	+	0	39	.250	X			
X	12"	-	3	220	.250	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 1000. Drawdown 260 Drill stem/Pump depth \_\_\_\_\_ Duration (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 5 SW NW 1/4 of the \_\_\_\_\_ 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 DESSERT  
SPRING RD SUMMER LAKE OR 97640

(10) **STATIC WATER LEVEL**

Date	SWL (psi)	+	SWL (ft)
Existing Well/Pre-Alteration <u>10-29-10</u>	<u>2.75</u>		
Completed Well			

Flowing Artesian?  Yes Dry Hole?  Yes  
**WATER BEARING ZONES** Depth water was first found 23'

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
	<u>20</u>	<u>25</u>	<u>259</u>			

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

Material	From	To
TOP SOIL	0	2
BLACK CLAY	2	60
Gray Clay	60	120
BLUE CLAY	120	180
Gray Basalt	180	225
Red CLAY	225	260

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**MAR 13 2012** **JUL 12 2012**  
**WATER RESOURCES DEPT**  
**SALEM, OREGON** **SALEM, OR**  
Date Started 9-29-10 Completed 10-28-10

(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 1654 Date 10-12-11  
Signed [Signature]  
Contact Info. (optional)  
Search Drilling INC  
70M Search 501-576-2189

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MAR 05 2014

SALEM OR

Well #6

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

*Well #12*  
**LAKE 52368**  
*Amended*

**LAKE 52368**  
WELL LABEL # L 10 3897  
START CARD # 206439  
ORIGINAL LOG #

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

(1) LANDOWNER  
Owner Well I.D. \_\_\_\_\_  
First Name Thomas Last Name McDonaid  
Company \_\_\_\_\_  
Address PO Box 87  
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 \_\_\_\_\_ ft. Special Standard:  Yes (attach copy)

BORE HOLE			SEAL				
Dia	From	To	Material	From	To	Amount	Scks/lbs
24"	0	39	Cement	0	39	80	SEK
18"	39	210	Cement	210	210	150	SEK
12"	210	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		16"	+	0	39	.250	Y		Y	
Y		12"	-	3	210	.250	Y		Y	

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

(7) PERFORATIONS/SCREENS

Perforations Method \_\_\_\_\_  
Screens Type \_\_\_\_\_ Material \_\_\_\_\_

Perf	Scm	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  Bailer  Air  Flowing Artesian  
Yield gal/min \_\_\_\_\_ Drawdown \_\_\_\_\_ Drill stem/Pump depth \_\_\_\_\_ Duration (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 5 1/4 1/4 1/4 of the \_\_\_\_\_ 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 Dressert  
Spring Rd Summer Lake OR 97140

(10) STATIC WATER LEVEL

Existing Well/Pre-Alteration	Date	SWL (psi)	+	SWL (ft)
Completed Well	<u>10/24/10</u>	<u>215</u>		

Flowing Artesian?  Yes Dry Hole?  Yes  
WATER BEARING ZONES Depth water was first found \_\_\_\_\_

SWL Date	From	To	Bst Flow	SWL (psi)	+	SWL (ft)
	<u>20</u>	<u>25</u>	<u>259</u>			

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

Material	From	To
TOP SOIL	0	2
Black Clay	2	60
Clay	60	120
Blue Clay	120	180
Gravel	180	225
Red Sand	225	260

Date Started 9-24-10 Completed 10-25-10

(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 and information reported above are true to the best of my knowledge and belief.

License Number APR 05 2012 Date \_\_\_\_\_  
Signed \_\_\_\_\_  
WATER RESOURCES DEPT

(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 1654 Date 10-12-11  
Signed \_\_\_\_\_  
Contact Info. (optional)  
Search Drilling I.A.C  
Tom Search SUI-076-2189

ORIGINAL - WATER RESOURCES DEPARTMENT ONE COPY FOR CONSTRUCTOR ONE COPY FOR CUSTOMER  
SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

01/02/2009

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MAR 05 2014

SAI FM. OR

LAKE 52368 #2

STATE OF OREGON  
WATER SUPPLY WELL REPORT

(ORS 537.765 & OAR 690-205-0210)

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

WELL LABEL # L 10 3897  
START CARD # 206439  
ORIGINAL LOG #

(1) LANDOWNER Owner Well I.D.  
First Name Thomas Last Name Search  
Company \_\_\_\_\_  
Address PO Box 87  
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 \_\_\_\_\_ ft. Special Standard:  Yes (attach copy)

BORE HOLE			SEAL			Amount	Sck/lb
Dia	From	To	Material	From	To		
4 1/2"	0	39	Cement	0	39	60	SEK
4 1/2"	39	210	Cement	210	210	150	SEK
4 1/2"	210	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	15"	+	1	39	.250	X		X	
Y	12"	-	3	220	.150	X		X	

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

(7) PERFORATIONS/SCREENS

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

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailor  Air  Flowing Artesian  
Yield gal/min \_\_\_\_\_ Drawdown \_\_\_\_\_ Drill stem/Pump depth \_\_\_\_\_ Duration (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 5 W W 1/4 of the \_\_\_\_\_ 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) 49413 Dessert  
Spring Rd Summer Lake OR 97140

(10) STATIC WATER LEVEL

Existing Well/Pre-Alteration Completed Well	Date	SWL (psi)	+	SWL (ft)
	<u>10-29-10</u>	<u>2 PSI</u>		

Flowing Artesian?  Yes Dry Hole?  Yes

WATER BEARING ZONES Depth water was first found \_\_\_\_\_

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
	<u>10</u>	<u>25</u>	<u>2541</u>			

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

Material	From	To
TOP SOIL	0	2
BLACK CLAY	2	10
Grey clay	10	120
Blue clay	120	180
Grey basalt	180	225
Red clay	225	260

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WATER RESOURCES DEPT  
SALEM, OREGON

Date Started 9-29-10 Completed 10-29-10

(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 1654 Date 10-12-11  
Signed [Signature]  
Contact info. (optional)  
Search drilling INC  
70M Search 501-576-2189

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

Well #13  
**LAKE 52369 LAKE 52369**

WELL LABEL # L 103548  
START CARD # 206440  
ORIGINAL LOG #

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

(1) LANDOWNER  
First Name Thomas Last Name Mac Donald  
Address PO Box 87  
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 340 ft. Special Standard:  Yes (attach copy)

BORE HOLE			SEAL				
Dia	From	To	Material	From	To	Amount	Scks/lbs
20"	0	210	Cement	0	210	300	5ck
12"	220	310					

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

Csg/Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X	14"	#1	210	250	X			X	

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

(7) PERFORATIONS/SCREENS

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  Bailor  Air  Flowing Artesian  
Yield gal/min 3000 Drawdown 370 Drill stem/Bump depth \_\_\_\_\_ Duration (hr) \_\_\_\_\_  
Temperature 60 °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below) TDS \_\_\_\_\_ ppm

(9) LOCATION OF WELL (legal description)  
County Lake Twp 30 N or S Range 17 E or W W.M.  
Sec 5 1/4 of the \_\_\_\_\_ 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 Dessert Spring Rd Summer Lake OR 97640

(10) STATIC WATER LEVEL

Existing Well/Pre-Alteration	Date	SWL (psi)	+	SWL (ft)
Completed Well	<u>2-5-11</u>	<u>4 psi</u>		

Flowing Artesian?  Yes Dry Hole?  Yes  
WATER BEARING ZONES Depth water was first found 60

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
	<u>190</u>	<u>200</u>	<u>500 gal</u>			<u>1'</u>

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

Material	From	To
TOP SOIL	0	2
Clay	2	10
BLACK clay with	10	35
Amica	35	65
Green clay	65	105
gray clay	105	210
lava rock	210	240
Red Basalt	240	260
Black Lava Rock	260	300
Red cinder	300	340

Date Started 10-30-10 Completed 3-5-11

(unbonded) Water Well Constructor Certification  
I certify that 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.  
JUL 12 2012  
License Number \_\_\_\_\_ Date \_\_\_\_\_  
Signed \_\_\_\_\_ SALEM, OR MAR 13 2012

(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 1654 Date 10-12-11  
Signed Thomas Mac Donald  
Contact Info. (optional)  
Search drilling INC  
706 Search  
541 576-2189

MAR 05 2014

SALEM, OR



LAKE 52369  
Well #1

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

WELL LABEL # L 10 3598  
START CARD # 206440  
ORIGINAL LOG #

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

(1) LANDOWNER  
First Name Thomas Last Name MAC DONALD  
Company \_\_\_\_\_  
Address PO BOX 87  
City SUMNER LAKE State OR Zip 97640

(9) LOCATION OF WELL (legal description)  
County LAKE Twp 30 N or S Range 17 E or W W.M.  
Sec 5 1/4 of the \_\_\_\_\_ 1/4 Tax Lot 600  
Tax Map Number \_\_\_\_\_  
Lat \_\_\_\_\_ or \_\_\_\_\_ DMS or DD  
Long \_\_\_\_\_ or \_\_\_\_\_ DMS or DD  
Street Address of Well (or nearest address) 48413 DRESSOT  
SPRING RD SUMNER LAKE OR 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 360 ft. Special Standard:  Yes (attach copy)

BORE HOLE			SEAL				
Dia	From	To	Material	From	To	Amount	Seals/lb
20"	0	20	Concrete	0	20	360	5CR
12"	220	310					

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/lb  
Actual Amount Used: \_\_\_\_\_ sacks/lb

(6) CASING/LINER

Casing/Liner	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X	1 1/2"	+	1	220	.250	X		X	

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

(7) PERFORATIONS/SCREENS

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 \_\_\_\_\_ Drawdown \_\_\_\_\_ Drill stem/Temp depth \_\_\_\_\_ Duration (hr) \_\_\_\_\_  
Temperature 60 °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below) TDS \_\_\_\_\_ ppm  
From \_\_\_\_\_ To \_\_\_\_\_ Description \_\_\_\_\_ Amount \_\_\_\_\_ Units \_\_\_\_\_

(10) STATIC WATER LEVEL

Well	Date	SWL (psi)	+	SWL (ft)
Existing Well/Pre-Alteration	<u>2-5-11</u>	<u>4.751</u>		
Completed Well				

WATER BEARING ZONES  
Depth water was first found 60

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
	<u>150</u>	<u>200</u>	<u>500 gal</u>		<u>7'</u>

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

Material	From	To
TOP SOIL	0	7
CLAY	7	10
BLACK CLAY WITH	10	35
Basalt	35	65
Green Clay	65	105
CLAY	105	220
CLAY	220	240
Red Basalt	240	310
Black Lava Rock	310	360
Red CLAY	360	360

Date Started 10-30-10 Completed 3-5-11

(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 1654 Date 10-12-11  
Signed Thomas Mac Donald  
Contact Info. (optional)  
Search drilling INC  
Tom Search  
Sul 576-2189

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WATER RESOURCES DEPT  
SALEM, OREGON

ORIGINAL - WATER RESOURCES DEPARTMENT ONE COPY FOR CONSTRUCTOR ONE COPY FOR CUSTOMER  
RECEIVED BY OWRD SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

LAKE 52487

LAKE 52487

STATE OF OREGON WATER SUPPLY WELL REPORT

(ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 104458

START CARD # 206041

ORIGINAL LOG #

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

(1) LANDOWNER Owner Well I.D. First Name Thomas Last Name MacDoel Company Address P.O. Box 871 City Summer Lake State OR Zip 97640

(2) TYPE OF WORK [X] 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 [X] Rotary Air [ ] Rotary Mud [ ] Auger [ ] Cable [ ] Cable Mud [ ] Reverse Rotary [ ] Other

(4) PROPOSED USE [ ] Domestic [X] Irrigation [ ] Community [ ] Industrial/Commercial [ ] Livestock [ ] Dewatering [ ] Injection [ ] Thermal [ ] Other

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

Table with columns: Dia, From, To, Material, From, To, Amount, Scks/lbs. Rows show seal material details for 24", 18", 14", and 10" diameters.

How was seal placed: Method [ ] A [ ] B [X] 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: Actual Amount Used:

(6) CASING/LINER Table with columns: Casing/Liner, Dia, Gauge, Steel, Plastic, Welded, Thrd. Rows show casing specifications for 18" and 14" diameters.

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

(7) PERFORATIONS/SCREENS Perforations Method Screens Type Material

Table with columns: Perf, Scm, 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 [ ] Bailer [ ] Air [X] Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) Temperature 60 F Lab analysis [ ] Yes By Water quality concerns? [ ] Yes (describe below) TDS ppm

(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 12 1/4 Tax Lot 600 Tax Map Number Lot Lat Long Street Address of Well (or nearest address) 48413 D-554 Spring rd Summer Lake

(10) STATIC WATER LEVEL Table with columns: Existing Well/Pre-Alteration, Date, SWL (psi), SWL (ft). Row shows data for 9-1-13 at 4 psi.

WATER BEARING ZONES Depth water was first found 260' Table with columns: SWL Date, From, To, Est Flow, SWL (psi), SWL (ft). Row shows data for 9-1-13 from 270 to 260 ft at 1500 est flow.

(11) WELL LOG Ground Elevation Table with columns: Material, From, To. Rows show log details for 761 SoL, Brown silt, Black lava rock, Red lava rock, and Blue lava rock.

(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.

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.

License Number 16541 Date 10-6-13 Signed Contact Info. (optional)

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