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Take 3030

30s/18E-8aa

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

JUL - 1 1988

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

(9) LOCATION OF WELL by legal description: County LAKE, Township 30, Range 18, Section 8, NE 1/4 NE 1/4, Street Address of Well 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, Depth of Completed Well 296 ft., Explosives used [] [X] Type Amount

Table with columns: HOLE Diameter, SEAL From, To, Material, Amount sacks or pounds. Includes entries for 16" and 12" diameters with cement grout seals.

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. Includes casing and liner data.

(7) PERFORATIONS/SCREENS: [] Perforations, [] Screens. Method, Type, Material.

Table for perforations/screens with columns: From, To, Slot size, Number, Diameter, Tele/pip size, Casing, Liner.

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

Temperature of water 60, Depth Artesian Flow Found 241. Was a water analysis done? [] Yes [] No. 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. Includes data for 241 to 296 ft.

(12) WELL LOG: Table with columns: Material, From, To, SWL. Includes soil, clay, sand, and cinders layers.

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SEP 30 2008

WATER RESOURCES DEPT SALEM, OREGON

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. 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. WWC Number 1362, Signed Filopha Baker, Date 6-24-88

T 10716

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

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FEB 2 1988 TYPE or PRINT IN INK

Lake 1507

308/17E-866

Per. Wm. T. R. S.

(for official use only)

(1) OWNER: WATER RESOURCES DEPT
 Name ROBERT OLSON, SALEM, OREGON
 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: Rotary Air Driven Rotary Mud Dug Cable Bored
(4) PROPOSED USE (check): Domestic Industrial Thermal Other: Municipal Withdrawal Reimjection 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 _____ 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 by legal description:
 County LAKE _____ % _____ % of Section _____ of
 Township _____ (Township is North or South) Range _____ (Range is East or West) WM.
 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	

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SEP 30 2008

WATER RESOURCES DEPT
 SALEM, OREGON

Date work started 4-15-85/completed 6-30-85
 Date well drilling machine moved off of well 7-15-85

(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 SB 41670 Issued by: O.A.I.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

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

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

SP*4686-690

T 10716

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

JUL - 1 1988

Lake 4444

30S/16E-8aa

(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 Type _____ Amount _____

HOLE Diameter	SEAL		Material	SEAL		Amount sacks or pounds
	From	To		From	To	
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/Liner	Diameter	From	To	Gauge	Steel				Plastic		Welded		Threaded	
					Steel	Plastic	Welded	Threaded	Plastic	Welded	Threaded	Plastic	Welded	Threaded
Casing	12	0	160	250	<input checked="" 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"/>
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"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing		Liner	
						Casing	Liner	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"/>
						<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 Bailor Air Flowing Artesian
 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 No 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 N of S Range 16 E of 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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SEP 30 2008

WATER RESOURCES DEPT
 SALEM, OREGON

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.
 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 Floyd A Baker WWC Number 1362
 Date 6-24-88

T 10716

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Lake 3029

30/16E-8aa

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.786)

JUL - 1 1988

WATER RESOURCES DEPT #4

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

(9) LOCATION OF WELL by legal description: County LAKE, Township 30, Range 16, Section 8, NE 1/4 NE 1/4, Street Address of Well 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, [] Thermal, [] Injection, [] Other FISH HATCHERY

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

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Rows include 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 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. Rows for Casing and Liner.

Final location of shoe(s)

(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. [] 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 245, 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 7'

(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' 2100 3', 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 246 308 +2, CINDERS, RED 308 310 +2

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 _____ Date _____ WWC Number _____

(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 Filipea Davis Date 6-24-88 WWC Number 1262

T 10716