

# Application for a Permit to Use Ground Water



Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem, Oregon 97301-1266  
(503) 986-0900  
[www.wrd.state.or.us](http://www.wrd.state.or.us)

## Water-Use Permit Application Processing

### 1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 ([www.oregon.gov/owrd/law](http://www.oregon.gov/owrd/law)). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

### 2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

### 3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at [www.oregon.gov/owrd](http://www.oregon.gov/owrd). The public comment period is 30 days from publication in the weekly notice.

### 4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

### 5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$350.00 for the applicant and \$700.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

### 6. Final Order Issued

If no protests are filed, the Department issues a Final Order consistent with the PFO. If the application is approved, a permit is issued that specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

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**SECTION 1: APPLICANT INFORMATION AND SIGNATURE**

**Applicant Information**

NAME ELEANOR FITZGERALD			PHONE (HM)
PHONE (WK) 541 947-3255	CELL		FAX
ADDRESS 28975 HOGBACK RD.			
CITY PLUSH	STATE OR	ZIP 97637	E-MAIL* ELEANORBFITZGERALD@HOTMAIL.COM

**Organization Information**

NAME FITZGERALD RANCH INC.			PHONE 541 947-3255	FAX
ADDRESS 28975 HOGBACK RD.			CELL	
CITY PLUSH	STATE OR	ZIP 97637	E-MAIL* ELEANORBFITZGERALD@HOTMAIL.COM	

**Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.**

AGENT / BUSINESS NAME			PHONE	FAX
ADDRESS			CELL	
CITY	STATE	ZIP	E-MAIL*	
PLUSH	OR	97637	ELEANORBFITZGERALD@HOTMAIL.COM	

Note: Attach multiple copies as needed

\* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

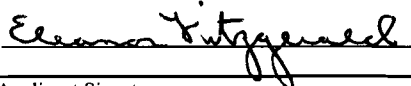
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By my signature below I confirm that I understand:

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- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit. SALEM, OR
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

I (we) affirm that the information contained in this application is true and accurate.



Eleanor Fitzgerald

Applicant Signature

Print Name and title if applicable

1/8/14  
Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use		
App. No. <u>G-17749</u>	Permit No. _____	Date _____

**SECTION 2: PROPERTY OWNERSHIP**

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

Yes

- There are no encumbrances.
- This land is encumbered by easements, rights of way, roads or other encumbrances.

No

- I have a recorded easement or written authorization permitting access.
- I do not currently have written authorization or easement permitting access.
- Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
- Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

\_\_\_\_\_

***You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.***

**SECTION 3: WELL DEVELOPMENT**

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
1	Hart Lake	6000 ft.	4 ft.

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (*attach additional sheets if necessary*).

At this time it is unclear if the well will develop water from the predominately basalt aquifer or the predominately basin fill sediment. An irrigation wells (Lake 4281) to the east of the proposed location appear to develop water from basin fill sediment. Wells to the west and south ( Lake 4070) of the proposed location develop water from what appears to be predominately basalt aquifer.

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**SECTION 3: WELL DEVELOPMENT, CONTINUED**

Total maximum rate requested: 1.99 cfs (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

**The table below must be completed for each source to be evaluated or the application will be returned.** If this is an existing well, the information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	12	80 ft min		80 min		Predominantly basalt or Basin fill sediment See remarks	400	893	447.6
	<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"/>		<input type="checkbox"/>									

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\* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

\*\* A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

\*\*\* Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

**SECTION 4: WATER USE**

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Supplemental Irr.	March 1- Oct 31	477.6

**Exempt Uses:** Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

**For irrigation use only:**

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: \_\_\_\_\_ Acres                      Supplemental: 159.2 Acres

List the Permit or Certificate number of the underlying primary water right(s): Cert # 85598,

9462

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 477.6

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: \_\_\_\_\_  
If the use is **mining**, describe what is being mined and the method(s) of extraction: \_\_\_\_\_

**SECTION 5: WATER MANAGEMENT**

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**A. Diversion and Conveyance**

What equipment will you use to pump water from your well(s)?

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Pump (give horsepower and type): 60 +- shaft turbine

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Other means (describe): \_\_\_\_\_

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. use existing ditches

**B. Application Method**

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) flood irrigation

**C. Conservation**

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

flow meter, irrigate at night

**SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR**

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Reservoir name: N/A    Acreage inundated by reservoir: N/A

Use(s): N/A

Volume of Reservoir (acre-feet): N/A Dam height (feet, if excavated, write "zero"): N/A

*Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.*

**SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR**

If you would like to use stored ground water from the reservoir, complete this section (if more than one reservoir, reproduce this section for each reservoir).

Annual volume (acre-feet): N/A

USE OF STORED GROUND WATER	PERIOD OF USE

**SECTION 8: PROJECT SCHEDULE**

Date construction will begin: 5/2014

Date construction will be completed: 5/2020

Date beneficial water use will begin: 6/2014

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**SECTION 9: WITHIN A DISTRICT**

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

**SECTION 10: REMARKS**

Use this space to clarify any information you have provided in the application (attach additional sheets if necessary).

At this time it is unclear if the well will develop water from the predominately basalt aquifer or the predominately basin fill sediment. An irrigation wells (Lake 4281) to the east of the proposed location appear to develop water from basin fill sediment. Wells to the west and south ( Lake 4070) of the proposed location develop water from what appears to be predominately basalt aquifer .

NWNE	12.9
SWNE	25.1
NWNW	5.0
SWNW	3.3
NESW	9.3
SESW	25.3
NWSE	40.0
SWSE	38.3

Section 15

T. 36 S., R. 24 E., W.M.

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# Land Use Information Form



**Oregon Water Resources Department**  
725 Summer Street NE, Suite A  
Salem, Oregon 97301-1266  
(503) 986-0900  
www.wrd.state.or.us

Applicant: Fitzgerald Ranch Inc.  
First \_\_\_\_\_ Last \_\_\_\_\_

Mailing Address: 28975 Hogback Rd.

Plush City OR State 97637 Zip Daytime Phone: 541 947-3255

## A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
36S	24E	15		3100		<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irr
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Lake Co.	<b>RECEIVED BY OWRD</b>  <b>JAN 10 2014</b>
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## B. Description of Proposed Use

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Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water   
  Water Right Transfer   
  Permit Amendment or Ground Water Registration Modification  
 Limited Water Use License   
  Allocation of Conserved Water   
  Exchange of Water

Source of water:  Reservoir/Pond     Ground Water     Surface Water (name) \_\_\_\_\_

Estimated quantity of water needed: 1.99     cubic feet per second     gallons per minute     acre-feet

Intended use of water:  Irrigation     Commercial     Industrial     Domestic for \_\_\_\_\_ household(s)  
 Municipal     Quasi-Municipal     Instream     Other \_\_\_\_\_

Briefly describe:

Supplemental Irrigation
-------------------------

**Note to applicant:** If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →



## For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

**Please check the appropriate box below and provide the requested information**

36-24-15-3100

Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): L.C. Zoning Ord. ARTICLE 2 (A-1 zone)

Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

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SALEM, OR

Name: DARWIN JOHNSON JR. Title: PLANNING DIRECTOR

Signature: [Signature] Phone: (541) 947-6036 Date: 27 Dec 2013

Government Entity: LARCO Co. Planning Dept.

**Note to local government representative:** Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

**Receipt for Request for Land Use Information**

Applicant name: \_\_\_\_\_

City or County: \_\_\_\_\_ Staff contact: \_\_\_\_\_

Signature: \_\_\_\_\_ Phone: \_\_\_\_\_ Date: \_\_\_\_\_

#12

FEB 27 1991

LAKE 4070

36S/24E/2/d/b

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

(START CARD) # 27913

(1) OWNER: Name Lynch Bros, Address 126 South F. St, City Lakeview, State Or, Zip 97637

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No, Depth of Completed Well 235 ft., Explosives used [ ] [X] Type Amount

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Rows: 20" 0 22' Portland 0 22 27, 14" 22 235 Cement

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E, [ ] Other Pumped w/trimmie, 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: 14" +2 112 .250 [X] [ ] [X] [ ]

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [X] Perforations Method Factory perfect, [ ] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Row: 32 112 1/8 80 3" [X] [ ]

(8) WELL TESTS: Minimum testing time is 1 hour. [ ] Pump, [ ] Bailer, [X] Air, [ ] Flowing Artesian. Yield gal/min 400, Drawdown 0, Drill stem at 95, Time 4 hr.

Temperature of water 48°, 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 Lake, Latitude, Longitude, Township 36S, Nor S. Range 24E, E or W, WM, Section 21, NW 1/4, SE 1/4, Tax Lot, Lot, Block, Subdivision, Street Address of Well (or nearest address) None

(10) STATIC WATER LEVEL: 28 ft. below land surface, Date 2-20-91, Artesian pressure 0 lb. per square inch, Date 2-20-91

(11) WATER-BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Row: 28 215 28

(12) WELL LOG: Table with columns: Material, From, To, SWL. Rows: Sandy Clay (0-28), Wet Clay & Gravel (28-40), Clay & Gravel (40-85), W/B Gravel (85-112), Clay Basalt (112-148), W/B Broken Basalt (148-152), Grey Basalt (152-165), Grey Basalt w/b & broken & Red in some places (165-216), Hard Grey Basalt (216-235)

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Date started 1-22-91 Completed 2-20-91

(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 Robert Beckner WWC Number 1385 Date 2/26/91

(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 Robert Beckner WWC Number 1385 Date 2/26/91

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

**LAKE**  
**4281**

**36S/25E/18C**

(START CARD) # **41614**

(1) OWNER: Well Number **1**  
 Name **Bureau of Land Management**  
 Address **Oregon State Office P.O. Box 2965**  
 City **Portland** State **OR** Zip **97208**

(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 **640** ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
20	0	305	cement	0	20	10 sacks-4yds
16	305	640	Gravel	20	640	30 cu yds

How was seal placed: Method  A  B  C  D  E  
 Other

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from **640** ft. to **20** ft. Size of gravel **3/8"**

(6) CASING/LINER:  
 Diameter From To Gauge Steel Plastic Welded Threaded  
 Casing: **16** **+18"** **640** **.375**      
 Liner: \_\_\_\_\_      
 Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS: **SALEM, OR**  
 Perforations Method **Mills Knife**  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
580	620	3/8"	320			<input checked="" type="checkbox"/>	<input type="checkbox"/>
520	580	3/8"	960			<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailor  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
550	186		<b>+hr 9.5hrs</b>
900	320		<b>17.5 hrs</b>

Temperature of Water **56** Depth Artesian Flow Found \_\_\_\_\_  
 Was a water analysis done?  Yes By whom **BLM**  
 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 **Lake** Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township **36 S** N or S. Range **25 E** E or W. WM. \_\_\_\_\_  
 Section **18** SW  SW   
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) \_\_\_\_\_  
**Warner Wetlands, Plush Oregon**

(10) STATIC WATER LEVEL:  
**14** ft. below land surface. Date **5/8/93**  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
 Depth at which water was first found **60**

From	To	Estimated Flow Rate	SWL
500	640	900 GPM	14

(12) WELL LOG:  
 Ground elevation \_\_\_\_\_

Material	From	To	SWL
Fill rock	0	7	
Gray clay & conglomerate	7	20	
Gray clay	20	260	
Gray clay with black rock & red cinders	260	400	
Brown hard pan	400	418	
Sandy gray clay	418	435	
Gray hard pan sticky	435	443	
Fine sand and gravel	443	485	
Tight gray clay	485	500	
Fine sand & gravel with clay	500	535	14
Sand and coarse gray with clay	535	581	14
Coarse sand with trace gray clay	581	630	14
Gray clay and trace sand	630	640	14

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**AUG - 6 1993**

**WATER RESOURCES DEPT. Pump test Completed**  
**SALEM, OREGON** 7/8/93

Date started **1/4/93** Well Completed **5/8/93**

(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 **Roger Boback** WWC Number **1605**  
 Date **7-25-93**

(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 **[Signature]** WWC Number **723**  
 Date **7-27-93**

**AQUIFER TEST DATA**

Owner: Bureau of Land Management - Lakeview District ; Address: Warner Wetlands; County: Lake; State: Oregon

Date: July 8 through 9, 1993; Company performing test : STACO and Valley Pump; Measured by: Denzel Babcock

Well No.: 1 Distance from pumping well: N/A; Type of test: Constant Discharge; Test No.:

Measuring Equipment : Water Level Probe

**AUG - 6 1993**

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 WATER RESOURCES DEPT.  
 SALEM, OREGON  
 Comments on factors

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 affecting test data

Time Data (min)		Water Level Data		Discharge Data		Comments on factors
Clock Time	Time Since Pump Started	Water Level Measurement	Water Level Change	Discharge Measurement	Rate (gpm)	
Pump on:Date7/8/93;Time11:02AM		Static Water Level 14.5 ft.		How flow measured: flow meter		affecting test data
Pump off:Date7/9/93Time11:30		Measuring point Top of casing		Depth pump: 400 feet		
Duration of aquifer test: 30 hrs		Elev. of measuring point		Previous pumping?Yes_X_No_		RECEIVED BY OWRD
Pumping_24+_ Recovery_5 1/2				Duration End		
11:02:00 AM	0	47.00	32.50		600	
	2	61.00	46.50		600	
	4	80.00	65.50		600	SALEM, OR
	6	89.60	75.10		600	water clear
	8	96.30	81.80		600	
	12	104.00	89.50		600	
	16	116.00	101.50		600	
	20	126.60	112.10		600	
	24	130.60	116.10		600	water clear
AM	28	131.60	117.10		600	
11:45:00 AM	43	149.80	135.30		600	
12:00:00 PM	58	156.90	142.40		600	
	73	162.90	148.40			
	88	177.60	163.10		600	water clear
	103	180.60	166.10		600	
1:00:00 PM	118	182.60	168.10		600	
	133	183.60	169.10		600	
	148	184.00	169.50		600	
	163	188.00	173.50		600	
2:00:00 PM	178	203.00	188.50		600	
	238	204.40	189.90		600	water clear
	298	207.20	192.70		600	
	358	209.90	195.40		600	
6:00:00 PM	418	211.00	196.50		600	water clear
	478	214.00	199.50		600	water clear
8:00:00 PM	538	216.85	202.35		600	Pumping level unstable, cut
8:30:00 PM	553	200.00	185.50		550	back to 550 - stabilized 200'
						Raised gpm to 900 gpm
	555	221.00	206.50		900	
	557	241.00	226.50		900	
	559	252.00	237.50		900	water clear
	561	268.80	254.30		900	
8:40:00 PM	563	269.50	255.00		900	
	567	270.00	255.50		900	
	571	281.00	266.50		900	water clear
	575	288.50	274.00		900	
	579	290.00	275.50		900	
9:00:00 PM	583	291.50	277.00		900	
9:15:00 PM	598	293.85	279.35		900	water clear

STACO WELL SERVICES, INC. 220 Academy Street Mt. Angel, OR 97362 PHONE: (503) 845-6824 FAX: (503) 845-927

G-17749

## AQUIFER TEST DATA

Owner: Bureau of Land Management - Lakeview District ; Address: Warner Wetlands; County: Lake; State: Oregon

Date: July 8 through 9, 1993; Company performing test : STACO and Valley Pump; Measured by: **RECEIVED**

Well No.: 1 Distance from pumping well: N/A; Type of test: Constant Discharge; Test No.: 1

**AUG - 6 1993**

Measuring Equipment : Water Level Probe

**WATER RESOURCES DEPT.  
SALEM, OREGON**

Time Data (min)		Water Level Data		Discharge Data		Comments on factors affecting test data
Clock Time	Time Since Pump Started	Water Level Measurement	Water Level Change	Discharge Measurement	Rate	
Pump on: Date 7/8/93; Time 11:02 AM		Static Water Level 14.5 ft.		How flow measured: flow meter		
Pump off: Date 7/9/93 Time 11:30		Measuring point Top of casing		Depth pump: 400 feet		
Duration of aquifer test: 30 hrs		Elev. of measuring point		Previous pumping? Yes_X_No_		
Pumping 24+ Recovery 5 1/2				Duration End		
<b>JULY 8, 1993</b>						
9:30:00 PM	613	294.00	279.50		900	
9:45:00 PM	628	296.00	281.50		900	clear
10:00:00 PM	643	297.00	282.50		900	
10:15:00 PM	658	298.50	284.00		900	trace sand
10:30:00 PM	673	300.00	285.50		900	
10:45:00 PM	688	301.50	287.00		900	trace sand
11:00:00 PM	703	303.00	288.50		900	
11:15:00 PM	718	305.00	290.50		900	
11:30:00 PM	733	313.00	298.50		900	pumping level not stabilizing
<b>JULY 9, 1993</b>						
12:00:00 AM	748	320.00	305.50		900	
1:30:00 AM	808	328.00	313.50		900	
2:30:00 AM	868	330.00	315.50		900	
3:30:00 AM	928	331.50	317.00		900	
4:30:00 AM	988	334.50	320.00		900	
5:30:00 AM	1048	334.00	319.50		900	stabilized
5:32:00 AM	1050	340.00	325.50		1125	increased RPM to 1125 gpm
5:34:00 AM	1052	385.00	370.50		1125	sandy
5:36:00 AM	1054	391.00	376.50		1125	
5:38:00 AM	1056	393.00	378.50		1100	
5:40:00 AM	1058	395.00	380.50		1100	sandy
5:44:00 AM	1062	396.00	381.50		1100	
5:48:00 AM	1066	397.50	383.00		1100	sandy
5:52:00 AM	1070	398.00	383.50		1100	
5:56:00 AM	1074	400.00	385.50		1100	top of pump at 400 feet
6:00:00 AM	1078	400.00	385.50	over 400'	1100	sandy
6:15:00 AM	1082	400.00	385.50	over 400'	1100	
6:30:00 AM	1086	400.00	385.50	over 400'	1100	pump surging, cut RPM back
6:45:00 AM	1090	400.00	385.50	over 400'	1050	
7:00:00 AM	1094	400.00	385.50	over 400'	1050	
7:15:00 AM	1098	400.00	385.50	over 400'	1050	
7:30:00 AM	1102	400.00	385.50	over 400'	1050	trace sand, clearing up
7:45:00 AM	1106	400.00	385.50	over 400'	1050	
8:00:00 AM	1110	400.00	385.50		1050	pumping level recovered
8:15:00 AM	1114	400.00	385.50		1050	
8:30:00 AM	1129	400.00	385.50		1050	trace sand, clearing up
8:30:00 AM	1189	400.00	385.50		1050	
10:30:00 AM	1249	400.00	385.50		1050	

STACO WELL SERVICES, INC. 220 Academy Street Mt. Angel, OR 97362 PHONE: (503) 845-6824 FAX: (503) 845-9274



## BARGAIN AND SALE DEED

KNOW ALL MEN BY THESE PRESENTS, That DONALD J. FITZGERALD and ROSEMARY FITZGERALD, husband and wife, and CORNELIUS J. FITZGERALD, also known as and called Con J. Fitzgerald and Con Fitzgerald, Jr., and MARY FITZGERALD, his wife, and FITZGERALD BROTHERS, a co-partnership, hereinafter called Grantor, for the consideration hereinafter stated, do hereby grant, bargain, sell and convey unto FITZGERALD RANCH, INC., an Oregon corporation, hereinafter called Grantee, and unto Grantee's successors and assigns, all of that certain real property with the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, situated in the County of Lake, State of Oregon, described as follows, to-wit:

Township 34 South, Range 23 East of the Willamette Meridian,  
Section 36: N $\frac{1}{2}$ N $\frac{1}{2}$ , SW $\frac{1}{2}$ NW $\frac{1}{2}$ .

Township 35 South, Range 21 East of the Willamette Meridian,  
Section 36: SE $\frac{1}{2}$ .

Township 35 South, Range 25 East of the Willamette Meridian,  
Section 2: SE $\frac{1}{2}$ SW $\frac{1}{2}$ , Lots 1, 2, 3, 4, 5, and 6.

Township 36 South, Range 21 East of the Willamette Meridian,  
Section 13: S $\frac{1}{2}$ NE $\frac{1}{2}$ , NW $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ .  
Section 14: S $\frac{1}{2}$ NE $\frac{1}{2}$ , SE $\frac{1}{2}$ .

Township 36 South, Range 22 East of the Willamette Meridian,  
Section 18: Lot 2 (SW $\frac{1}{2}$ NW $\frac{1}{2}$ ).

Township 36 South, Range 23 East of the Willamette Meridian,  
Section 7: SE $\frac{1}{2}$ SW $\frac{1}{2}$ , NW $\frac{1}{2}$ SE $\frac{1}{2}$ , S $\frac{1}{2}$ SE $\frac{1}{2}$ , Lot 4, NE $\frac{1}{2}$ SW $\frac{1}{2}$ .  
Section 19: NE $\frac{1}{2}$ NE $\frac{1}{2}$ .  
Section 21: E $\frac{1}{2}$ NE $\frac{1}{2}$ , NW $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{2}$ .

Township 36 South, Range 24 East of the Willamette Meridian,  
Section 11: S $\frac{1}{2}$ SW $\frac{1}{2}$ .  
Section 14: NW $\frac{1}{2}$ , Lots 3, 4 and 5.  
Section 15: N $\frac{1}{2}$ , NE $\frac{1}{2}$ SW $\frac{1}{2}$ , S $\frac{1}{2}$ SW $\frac{1}{2}$ , SE $\frac{1}{2}$ .  
Section 22: NE $\frac{1}{2}$ NE $\frac{1}{2}$ .  
Section 23: Lot 3.

Township 37 South, Range 22 East of the Willamette Meridian,  
Section 1: E $\frac{1}{2}$ SE $\frac{1}{2}$ .  
Section 2: S $\frac{1}{2}$ SW $\frac{1}{2}$ .  
Section 3: SE $\frac{1}{2}$ SW $\frac{1}{2}$ , SE $\frac{1}{2}$ .  
Section 9: W $\frac{1}{2}$ SE $\frac{1}{2}$ SE $\frac{1}{2}$ .  
Section 10: NE $\frac{1}{2}$ , NE $\frac{1}{2}$ NW $\frac{1}{2}$ , S $\frac{1}{2}$ NW $\frac{1}{2}$ , S $\frac{1}{2}$ .

Township 37 South, Range 22 East of the Willamette Meridian,  
Section 11: All.  
Section 12: SE $\frac{1}{2}$ NW $\frac{1}{2}$ , SW $\frac{1}{2}$ , W $\frac{1}{2}$ SE $\frac{1}{2}$ .  
Section 14: NE $\frac{1}{2}$ NE $\frac{1}{2}$ , W $\frac{1}{2}$ NE $\frac{1}{2}$ , W $\frac{1}{2}$ .  
Section 15: All.  
Section 16: S $\frac{1}{2}$ NE $\frac{1}{2}$ NE $\frac{1}{2}$ , S $\frac{1}{2}$ NW $\frac{1}{2}$ NE $\frac{1}{2}$ , S $\frac{1}{2}$ NE $\frac{1}{2}$ , NW $\frac{1}{2}$ , SW $\frac{1}{2}$ , N $\frac{1}{2}$ SE $\frac{1}{2}$ , SW $\frac{1}{2}$ SE $\frac{1}{2}$ .  
Section 21: NE $\frac{1}{2}$ .  
Section 22: All.

Township 37 South, Range 23 East of the Willamette Meridian,  
Section 3: E $\frac{1}{2}$ NE $\frac{1}{2}$ SW $\frac{1}{2}$ .  
Section 7: N $\frac{1}{2}$ NW $\frac{1}{2}$ , SE $\frac{1}{2}$ NE $\frac{1}{2}$ .

Township 35 South, Range 22 East of the Willamette Meridian,  
Section 36: E $\frac{1}{2}$ , NE $\frac{1}{2}$ NW $\frac{1}{2}$ .

Township 37 South, Range 22 East of the Willamette Meridian,  
Section 16: SE $\frac{1}{2}$ SE $\frac{1}{2}$ .  
Section 36: S $\frac{1}{2}$ NW $\frac{1}{2}$ .

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Township 35 South, Range 23 East of the Willamette Meridian,  
Section 3:  $W\frac{1}{2}$ ,  $W\frac{1}{2}SE\frac{1}{4}$ .  
Section 10:  $W\frac{1}{2}NE\frac{1}{4}$ ,  $NW\frac{1}{4}$ .

Township 36 South, Range 22 East of the Willamette Meridian,  
Section 1:  $SW\frac{1}{4}SW\frac{1}{4}$ .  
Section 2:  $S\frac{1}{2}S\frac{1}{2}$ .  
Section 11:  $NE\frac{1}{4}NE\frac{1}{4}$ ,  $NE\frac{1}{4}NW\frac{1}{4}$ .  
Section 12:  $NW\frac{1}{4}NE\frac{1}{4}$ ,  $S\frac{1}{2}NE\frac{1}{4}$ ,  $N\frac{1}{2}NW\frac{1}{4}$ .

Township 36 South, Range 23 East of the Willamette Meridian,  
Section 7: Lot 3 ( $NW\frac{1}{4}SW\frac{1}{4}$ ),  $E\frac{1}{2}SW\frac{1}{4}$ .

Township 36 South, Range 24 East of the Willamette Meridian,  
Section 9:  $N\frac{1}{2}NW\frac{1}{4}SW\frac{1}{4}$ .

Township 37 South, Range 23 East of the Willamette Meridian,  
Section 3:  $SE\frac{1}{4}NE\frac{1}{4}$ .

Township 34 South, Range 22 East of the Willamette Meridian,  
Section 22:  $SE\frac{1}{4}SE\frac{1}{4}$ .  
Section 23:  $S\frac{1}{2}NE\frac{1}{4}$ ,  $N\frac{1}{2}SW\frac{1}{4}$ ,  $SW\frac{1}{4}SW\frac{1}{4}$ ,  $N\frac{1}{2}SE\frac{1}{4}$ .

Township 35 South, Range 21 East of the Willamette Meridian,  
Section 35:  $E\frac{1}{2}$ .  
Section 36:  $SW\frac{1}{4}$ .

Township 35 South, Range 22 East of the Willamette Meridian,  
Section 7:  $E\frac{1}{2}SE\frac{1}{4}$ .  
Section 8:  $S\frac{1}{2}NW\frac{1}{4}$ ,  $SW\frac{1}{4}$ ,  $S\frac{1}{2}SE\frac{1}{4}$ .  
Section 9:  $W\frac{1}{2}SW\frac{1}{4}$ .  
Section 16: All of Section.  
Section 17:  $N\frac{1}{2}NE\frac{1}{4}$ ,  $SE\frac{1}{4}NE\frac{1}{4}$ ,  $N\frac{1}{2}SE\frac{1}{4}$ .  
Section 19:  $SW\frac{1}{4}NE\frac{1}{4}$ ,  $SE\frac{1}{4}NW\frac{1}{4}$ ,  $NE\frac{1}{4}SW\frac{1}{4}$ ,  $N\frac{1}{2}SE\frac{1}{4}$ ,  $SE\frac{1}{4}SE\frac{1}{4}$ .  
Section 20:  $SW\frac{1}{4}SW\frac{1}{4}$ .  
Section 26:  $SE\frac{1}{4}SW\frac{1}{4}$ ,  $SW\frac{1}{4}SE\frac{1}{4}$ .  
Section 27:  $NE\frac{1}{4}SW\frac{1}{4}$ ,  $S\frac{1}{2}SW\frac{1}{4}$ ,  $N\frac{1}{2}SE\frac{1}{4}$ ,  $SW\frac{1}{4}SE\frac{1}{4}$ .  
Section 28:  $E\frac{1}{2}SE\frac{1}{4}$ .  
Section 29:  $E\frac{1}{2}SW\frac{1}{4}$ ,  $NW\frac{1}{4}SE\frac{1}{4}$ ,  $S\frac{1}{2}SE\frac{1}{4}$ ,  $NW\frac{1}{4}NW\frac{1}{4}$ .  
Section 31: Lot 4,  $SE\frac{1}{4}SW\frac{1}{4}$ ,  $S\frac{1}{2}SE\frac{1}{4}$ .  
Section 32:  $N\frac{1}{2}NE\frac{1}{4}$ ,  $NE\frac{1}{4}NW\frac{1}{4}$ .  
Section 35:  $NE\frac{1}{4}$ ,  $NE\frac{1}{4}SE\frac{1}{4}$ .  
Section 36:  $NW\frac{1}{4}NW\frac{1}{4}$ ,  $S\frac{1}{2}NW\frac{1}{4}$ ,  $SW\frac{1}{4}$ .

Township 35 South, Range 23 East of the Willamette Meridian,  
Section 6:  $SW\frac{1}{4}NE\frac{1}{4}$ .  
Section 7:  $E\frac{1}{2}SW\frac{1}{4}$ .

Township 36 South, Range 21 East of the Willamette Meridian,  
Section 1: Lot 3,  $SW\frac{1}{4}NE\frac{1}{4}$ , Lot 4,  $S\frac{1}{2}NW\frac{1}{4}$ ,  $E\frac{1}{2}SW\frac{1}{4}$ .  
Section 2: Lot 1.

Township 36 South, Range 22 East of the Willamette Meridian,  
Section 1: Lot 3,  $SE\frac{1}{4}NW\frac{1}{4}$ ,  $E\frac{1}{2}SW\frac{1}{4}$ .  
Section 6: Lots 1, 2, 3 and 4.

Township 37 South, Range 24 East of the Willamette Meridian,  
Section 3: Lots 1 and 2.  
Section 4: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9,  $W\frac{1}{2}SW\frac{1}{4}$ .  
Section 5: Lots 4, 5,  $S\frac{1}{2}NE\frac{1}{4}NE\frac{1}{4}$ ,  $SE\frac{1}{4}NE\frac{1}{4}$ .  
Section 9: Lots 6, 7, 8, 9 and 10.  
Section 10: Lot 2.

To Have and to Hold the same unto the said Grantee and Grantee's successors and assigns forever.

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