



Oregon Water Resources Department 725  
 Summer Street NE, Suite A  
 Salem Oregon 97301-1271  
 (503) 986-0900  
 www.wrd.state.or.us

# Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. A summary of review criteria and procedures that are generally applicable to these applications is available at [www.wrd.state.or.us/OWRD/PUBS/forms.shtml](http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml).

## 1. APPLICANT INFORMATION

### A. Individuals

Applicant: Aaron Arriola  
First Last

Mailing Address: 2445 12<sup>th</sup> Avenue East

Uale Oregon 97918  
City State Zip

Phone: (541) 473-4061 n/a n/a  
Home Work Other

\*Fax: n/a \*Email Address: n/a

### B. Organizations ~~Individuals~~

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

~~Name of Organization:~~ <sup>Applicant's</sup> Joseph Arriola

Name and Title of Person Applying: n/a

Mailing Address or Organization: 2506 12<sup>th</sup> Avenue East

Uale Oregon 97918  
City State Zip

Phone: (541) 473-2627 n/a  
Day Home Evening

\*Fax: n/a \*Email Address: n/a

\*Optional

For Department Use		
App. No. _____	Permit No. _____	Date _____

Last Updated: 6/26/2008

Ground Water/1

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 SALEM, OREGON

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165/43E/13C

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

MALHEUR 2725

MAR 30 1992

(START CARD) # 29825

(1) OWNER: Name Joseph L Arriola, Address 2506-12th Ave East, City Vale, State OR, Zip 97918

(9) LOCATION OF WELL by legal description: County Malheur, Township 16 S, Range 43 E, Section 13 SW 1/4 SW 1/4, Tax Lot 1500, Street Address of Well 2506 12th Ave E, Vale, OR

(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, [X] Irrigation, [ ] Thermal, [ ] Injection, [ ] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No, Depth of Completed Well 70 ft., Explosives used [ ] Yes [X] No

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Includes entries for Cement and Grout.

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E, Backfill placed from 18 ft. to 27 ft., Gravel placed from 18 ft. to 27 ft., Size of gravel 1/2

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entry for 12 inch casing.

Final location of shoe(s) 43 ft

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

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes entry for 29 to 41 ft.

(8) WELL TESTS: Minimum testing time is 1 hour. [X] Pump, Yield gal/min 350, Drawdown 18 ft, Drill stem at 42, Time 4 hrs

Temperature of water 59 degrees, Depth Artesian Flow Found, Was a water analysis done? [ ] Yes [ ] No, Did any strata contain water not suitable for intended use? [ ] Too little, [ ] Salty, [ ] Muddy, [ ] Odor, [ ] Colored, [ ] Other

(10) STATIC WATER LEVEL: 17-10 ft. below land surface, Date 3-6-92, Artesian pressure lb. per square inch.

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Includes entry for 27 to 36 ft.

(12) WELL LOG: Table with columns: Material, From, To, SWL. Includes entries for Sandy topsoil, Brown clay, Large clean gravel, Brown clay, Blue clay.

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Date started 2-29-92 Completed 3-6-92

(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 1485, Signed Jon M Fife, Date 3-25-92

**2. PROPERTY OWNERSHIP**

Yes (Please check appropriate box below then skip to section 3 'Ground Water Development')

- There are no encumbrances
- This land is encumbered by easements, rights of way, roads or other encumbrances (please provide a copy of the recorded deed(s) )

No (Please check the appropriate box below)

- 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 irrigated and/or domestic use only (ORS 274.040).

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.

List the names and mailing addresses of all affected landowners.

Daron Arriola: 2445 12<sup>th</sup> Ave E, Vale, Oregon 97918  
 Joseph Arriola: 2506 12<sup>th</sup> Ave E, Vale, Oregon 97918

**3. GROUND WATER DEVELOPMENT**

**A. Well Information**

Number of well(s): 3

Name of nearest surface water body: Willow Creek

Distance from well(s) to nearest stream or lake:

1) 2770 ft from Willow Creek<sup>2)</sup> 2) 3490 ft from Willow Creek<sup>3)</sup> 3) 3080 ft from Willow Creek<sup>4)</sup>

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head:

1) \_\_\_\_\_ 2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_

**B. Well Characteristics**

*Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to section 4 of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:*

Well(s) will be constructed by:

See attached Well Logs

Mailing Address: see attached well logs

\_\_\_\_\_  
City State Zip

Ground Water/2

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Completion Date: See attached Well Logs

Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth

See Attached Well Logs

Note: Well numbers in this listing must correspond to well locations(s) shown on accompanying map.

If well log is not available, or well is not yet constructed, you must provide: proposed total depth, depth of casing and seal, and the anticipated perforation and open intervals.

**C. Artesian Flows**

If your water well is flowing artesian, describe your water control and conservation works:

N/A

**4. WATER USE**

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

**A. Type(s) of Use(s)**

See list of beneficial uses provided in the instructions.

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: \_\_\_\_\_
- If your proposed use is **irrigation**, please attach **Form I**
- If your proposed use is **mining**, attach **Form R**
- If your proposed use is **municipal or quasi-municipal**, attach **Form M**
- If your proposed use is **commercial/industrial**, attach **Form Q**

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**B. Amount of Water**

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1	Malheur Basin	Irrigation	56.5 gpm	16,272,000 gal.	450 gpm
2	Malheur Basin	Irrigation	56.5 gpm	16,272,000 gal.	530 gpm
3	Malheur Basin	Irrigation	56.5 gpm	16,272,000 gal.	290 gpm

**C. Maximum Rate of Use Requested**

What is the maximum, instantaneous rate of water that will be used? 0.38 cfs  
 (The fees for your application will be based on this amount.)

**D. Period of Use**

Indicate the time of year you propose to use the water: February 15<sup>th</sup> → Sept. 1<sup>st</sup>  
 (For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1-October 31.)

**E. Acreage**

If you will be applying water to land, indicate the total number of acres where water will be applied or used: 50 acres  
 (This number should be consistent with your application map.)

**5. WATER MANAGEMENT**

**A. Diversion**

What method will you use to divert water from the source?

- Pump (give horsepower and pump type): well #1: 10hp Turbine; well #2: 10hp Turbine; well #3: 10hp Turbine;
- other means (describe): All 3 WELLS Pump water to a sump. A 40hp sump pump then pumps water to a buried 8" PVC pipe which reduces to a 6" PVC.

**B. Transport**

How will you transport water to your place of use?

- Ditch or canal (give average width and depth):

Width \_\_\_\_\_ Depth \_\_\_\_\_

Is the ditch or canal to be lined?  Yes  No

- Pipe (give diameter and total length):

Diameter 8" PVC Length 2630 Ft

- other, describe: 6" PVC : 1210 Ft.

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### C. Application/Distribution Method

What equipment will you use to apply water to your place of use?

Hand lines will initially be used to apply water. Eventually the owner(s) want to <sup>use</sup> place a Pivot to irrigate with.

Irrigation or land application method (check all that apply):

- Flood
- High pressure sprinkler
- Low pressure sprinkler
- Drip
- Water Cannons
- Center pivot system
- Hand Lines
- Wheel Lines
- Siphon tubes or gated pipe with furrows
- other, describe: \_\_\_\_\_

Distribution method

- Direct pipe from source
- In-line storage (tank or pond)
- Open Canal

### E. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? Have you considered other methods to transport, apply, distribute or use water? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

Hand lines/sprinkler irrigation will be used for conservation of water vs. drip irrigation because ~~of the~~ the owners already own the hand lines and are eventually hopeful to use a center pivot system.

### 6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

Proposed date construction will begin: Feb. 1<sup>st</sup> 2009

Proposed date construction will be completed: Feb. 14<sup>th</sup> 2009

Proposed date beneficial water use will begin: Feb. 15<sup>th</sup> 2009

### 7. REMARKS

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

The owner of the ground where the water is to be applied is Aaron Arriola. His Father, Joe Arriola owns the ground where the 3 existing wells are located. Only one of the three well logs is attached because the other two were not on the web-site.

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## 8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

## 9. SIGNATURE

By my signature below I confirm that I understand:

- 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 packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- 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 canceled.
- 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 swear that all information provided in this application is true and correct to the best of my knowledge:

*Joseph L. Amick*

Signature of Applicant (If more than one applicant, all must sign.)

*9-25-08*

Date

*Amick*

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at [www.wrd.state.or.us](http://www.wrd.state.or.us) or call (503) 986-0900.

WRD on the web:  
[www.wrd.state.or.us](http://www.wrd.state.or.us)

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# Oregon Water Resources Department

## FORM I

### FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

Primary     Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary:            50            Acres

Secondary:        \_\_\_\_\_        Acres

List the permit or certificate number of the primary water right:            No. N/A

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

- |                   |   |   |
|-------------------|---|---|
| 1. <u>Alfalfa</u> | <input checked="" type="checkbox"/> Full season | <input type="checkbox"/> Partial season (from: <u>Feb. 15<sup>th</sup></u> to <u>Sept. 1<sup>st</sup></u> ) |
| 2. _____          | <input type="checkbox"/> Full season            | <input type="checkbox"/> Partial season (from: _____ to _____)  |
| 3. _____          | <input type="checkbox"/> Full season            | <input type="checkbox"/> Partial season (from: _____ to _____)  |
| 4. _____          | <input type="checkbox"/> Full season            | <input type="checkbox"/> Partial season (from: _____ to _____)  |

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

150            acre-feet

(1 acre-foot equals 12 inches of water spread over 1 acre, or 43,560 cubic feet, or 325,851 gallons.)

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Daily during daytime hours    | <input checked="" type="checkbox"/> Daily during nighttime hours    |
| <input type="checkbox"/> Two or three times weekly during daytime | <input type="checkbox"/> Two or three times weekly during nighttime |
| <input type="checkbox"/> Weekly, during daytime hours             | <input type="checkbox"/> Weekly, during nighttime hours             |
| <input type="checkbox"/> Other, explain: _____                    |   |

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# Oregon Water Resources Department Land Use Information Form

THIS FORM IS NOT REQUIRED IF: 1) water is to be diverted, conveyed, and/or used only on federal lands; or 2) the application is for a water-right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

Applicant Name: Aaron Arriola  
Mailing Address: 2445 12<sup>th</sup> Ave East  
City: Vale State: OR Zip: 97918 Day Phone: (541) 473-4061

This application is related to a Measure 37 claim.  Yes  No

## A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. 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:
16S	43E	24	NWNE	8500		<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	
16S	43E	24	SWNE	8500		<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" 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, or used. Malheur

## B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 150  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: Appropriate Ground Water to irrigate 50 acres of Farmable Ground.

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

## Receipt for Request for Land Use Information

State of Oregon  
Water Resources Department  
725 Summer Street NE, Suite A  
Salem, OR 97301-1266

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## 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**

Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): MCC Title 6.

Land uses to be served by 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
		<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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Name: Bill Lawrence Title: Asst. Planning Dir.  
 Signature: Bill Lawrence Phone: 541-473-5185 Date: 9/24/08  
 Government Entity: Malheur County

**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: \_\_\_\_\_

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Prepared by:  
YTURRI ROSE LLP  
PO Box "S"  
Ontario, OR 97914

INSTRUMENT NO: 2005-956  
Page: 1 of 2 Pages

RECORDER'S INFORMATION:

Inst. No. 2005-956  
I certify that the within Instrument of  
writing was received for record on  
the 9 day of February, 2005  
at 11:21 O'clock A. M. FEE \$26.

Until a change is requested, all  
tax statements shall be sent to:  
Aaron J. and Angela Arriola  
2506 - 12<sup>th</sup> Avenue East  
Vale, OR 97918

STATE OF OREGON, County of Malheur  
DEBORAH R. DeLONG  
County Clerk

After recording return to:  
Yturri Rose LLP  
P.O. Box 5  
Ontario, OR 97914

By: Sheryl Johnson Deputy

1643A  
Pxx P01  
1643D  
201

**BARGAIN AND SALE DEED**

Aaron J. Arriola and Angela Marie Gressley Arriola, Grantors, convey to Aaron J. Arriola and Angela Marie Gressley Arriola, Grantees, the following described real property:

Land in County of Malheur, State of Oregon, described as follows:

Township 16 S., Range 43 E., W.M.:  
Section 13: E $\frac{1}{2}$ SW $\frac{1}{4}$  and the South 2 feet of the W $\frac{1}{2}$ SE $\frac{1}{4}$ .  
Section 24: W $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$  and that portion of the NE $\frac{1}{4}$ SE $\frac{1}{4}$  lying  
Northeasterly of the Reclamation Ditch right of way.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

The true consideration for this conveyance is: Consolidation of tax lots following **RECEIVED** adjustment.

Dated this 25 day of January, 2005.

OCT 20 2008

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SALEM, OREGON

Aaron J. Arriola  
Aaron J. Arriola

Angela Marie Gressley Arriola  
Angela Marie Gressley Arriola

M<sup>cap</sup> 1643  
TL 8500  
36d 1643D  
# 201

1643A  
Pm101

Prepared by:

YIURI, ROSE, BIRNHAM, EBERT & BENTZ  
P.O. Box 5  
Ontario, OR 97914

Until a change is requested, all tax statements shall be sent to:

JOSEPH L. ARRIOLA  
2506 - 12th Avenue East  
Vale, OR 97918

INSTRUMENT NO - 16436  
PAGE 1 OF 3 PAGES

After recording return to:  
Joseph & Sheryl Arriola  
2506 - 12th Avenue East  
Vale, OR 97918

Old  
1643A  
1500  
1643D  
700  
600

BETTIE JANE NORWOOD O'NEAL, aka Betty Norwood Davis, aka Betty Jane Norwood, aka Betty J. Norwood, aka Betty Norwood O'Neal, and JOHN EARL O'NEAL, and MARY ELIZABETH O'NEAL, husband and wife, and MOLLYE NORWOOD O'NEAL and TOM GUNDELFINGER O'NEAL, wife and husband, Grantors, convey and warrant to JOSEPH L. ARRIOLA and SHERYL J. ARRIOLA, husband and wife, Grantees, the following described real property free of encumbrances except as specifically set forth herein:

Land in Malheur County, Oregon, as follows:  
In Twp. 16 S., R. 43 E., W.M. 1

Sec. 13: W $\frac{1}{2}$ S $\frac{1}{2}$ W $\frac{1}{2}$

EXCEPTING THEREFROM parcels conveyed to the United States of America by Deed recorded May 28, 1938, Book 46, Page 29, Deed Records, for lateral right of way.

Sec. 14: All that portion of the S $\frac{1}{2}$ SE $\frac{1}{4}$  and of the SE $\frac{1}{2}$ SW $\frac{1}{4}$  lying Northeastly of the Willow Creek and South of the following described line:  
Commencing at the Southeast corner of

Sec. 14;  
thence North along the East boundary, 421 feet to the POINT OF BEGINNING;  
thence N. 82°22' W., along the centerline of an existing road to a point on the West boundary of the SE $\frac{1}{4}$ , said point being 770.9 feet North of the Southwest corner of the SE $\frac{1}{4}$ ;  
thence N. 82°22' W., to a point on the East boundary of that certain lateral described in Book 46, Page 96, Deed Records, and Point of Termination.

Sec. 23: All that portion of the N $\frac{1}{2}$ NE $\frac{1}{4}$  lying North and East of Willow Creek,

EXCEPTING THEREFROM parcel conveyed to the United States of America by Deed recorded Aug. 27, 1940, Book 46, Page 56, Deed Records, for drain right of way.

Sec. 24: NW $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ ,

SUBJECT TO existing County Road rights of way.

(Exceptions on next page)

WARRANTY DEED

R

New  
16436  
5100

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INSTRUMENT NO - 6426  
PAGE 2 OF 3 PAGES

SUBJECT TO

AS DISCLOSED by the tax roll the premises herein described have been zoned or classified for farm use. At any time that said land is disqualified for such use the property will be subject to additional taxes or penalties and interest.

CHARGES AND ASSESSMENTS of the Vale-Oregon Irrigation District and any and all matters pertaining thereto.

RIGHTS of the Public in and to the State Highway and County Road rights of way.

MINERALS RESERVED by Eastern Oregon Land Company as to a full interest therein, in Deed recorded Aug. 20, 1927, Book 28, Page 474, Deed Records, and all rights of the said party and its successors in interest, as owners thereof. (Covers the NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Sec. 13)

EASEMENTS, including the terms and provisions thereof, in favor of Idaho Power Company, a corporation, recorded July 11, 1984, Instrument Nos. 84-122422 and 84-122423, Deed Records, covering lands in Secs. 14 and 15.

ROAD EASEMENT located in Sec. 14, Twp. 16 S., R. 43 E., W.M. This easement shall be 15 feet wide and shall run on the entire South side of the following described boundary line: Beginning at a point on the West boundary line of Sec. 13, 421 feet North of the Southeast corner of said Sec. 14, thence North 82°22' West continuing to a point of intersection with Willow Creek. The purpose of this easement shall be for ingress and egress of motor vehicles and general ingress and egress.

PUMP, PIPELINE AND DRAIN DITCH EASEMENT, in favor of Y1 Farms, Inc., located in Sec. 13, Twp. 16 S., R. 43 E., W.M. This easement shall be 40 feet in width and shall begin in the NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Sec. 13, and shall continue southward along the West side of Sec. 13 to approximately the Northwest corner of the SW $\frac{1}{4}$ SW $\frac{1}{4}$ . The purpose of said easement shall be for the use and maintenance of a pump, existing drain ditch (rump) and pipeline.

STATEMENT PURSUANT TO CHAPTER 718, OREGON LAWS 1983: THIS INSTRUMENT DOES NOT GUARANTEE THAT ANY PARTICULAR USE MAY BE MADE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT. A BUYER SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

The true consideration for this conveyance is: \$416,538.51

Dated this 12<sup>th</sup> day of February, 1985.

*Bettie Jane Norwood O'Neal*  
BETTIE JANE NORWOOD O'NEAL

*John Earl O'Neal*  
JOHN EARL O'NEAL

*Mary Elizabeth O'Neal*  
MARY ELIZABETH O'NEAL

*Mollie Norwood O'Neal*  
MOLLIE NORWOOD O'NEAL

*Tom Gundelfinger O'Neal*  
TOM GUNDELFINGER O'NEAL

WARRANTY DEED

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**Water Sharing Agreement  
(Arriola - Arriola)**

**Date:** September 23, 2008.

**Between:** Joseph L. Arriola and Sheryl J. Arriola, husband and wife ("Landlord")

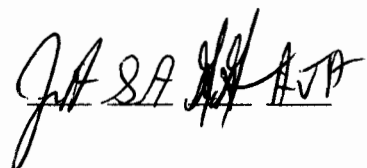
**And:** Aaron J. Arriola and Angela Marie Gressley Arriola, husband and wife ("Tenant")

**Recitals:**

- A. Landlord owns those certain ground water wells licensed and used for irrigation purposes and located on Landlords' property, the locations and licenses of which are more particularly described on Exhibit 1 (the "Wells.")
- B. Tenant owns the adjoining real property, and utilizes a portion of the real property for irrigated cropland, the location of the irrigated portion of Tenant's real property is more particularly described on Exhibit 2 (the "Tenant Land.")
- C. Landlord wishes to lease to and share irrigation water from the Wells with Tenant for use on the Tenant Land, and Tenant wishes to lease from and share irrigation water with Landlord for application on Tenant Land. Landlord and Tenant wish to place their agreement regarding the lease and share agreement in writing (the "Agreement.")

**Agreement:**

- 1. **Incorporation of Recitals.** The above recitals are hereby agreed to be true and incorporated as though fully set out here.
- 2. **Water Share and Lease.** Landlord hereby agrees to allow Tenant to use the irrigation water pumped from the Wells to irrigated Tenant Land, in exchange for the following rent of ONE THOUSAND DOLLARS AND NO CENTS (\$1,000.00) per calendar year and Tenant's payment of the pumping charges on the Wells when the irrigation water from the Wells is used for Tenant Land. The cash rent shall be payable on or before March 1 of each year during the term of the Agreement. To the extent Tenant does not use all the irrigation water allowed from the Wells, Landlord shall retain the right to use the irrigation water concurrently or sequentially. During the term of the Agreement, Tenant's use shall take priority over Landlord's.
- 3. **Term.** The Agreement shall begin September 23, 2008 and expire at the end of the calendar year. If either Tenant or Landlord give notice to the other of the intent to terminate the Agreement within thirty (30) days of expiration of the term, the Agreement shall terminate and be of no further force or effect. However, if neither Tenant nor Landlord give the required notice of termination, the Agreement shall automatically renew for the next calendar year.



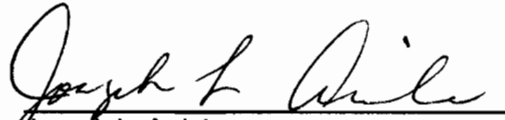
4. **As Is.** Tenant makes the Agreement regarding the irrigation water AS IS, with no representations or warranties regarding the nature, extent, legality, or content of the irrigation water contained in the Wells or how long the Wells may retain irrigation water, its quality, or any other aspect of the water.
5. **Maintenance and Repair.** Tenant and Landlord shall share the maintenance and repair of the Wells and all appurtenances thereto pro-rata with the use each has placed on the Wells in the preceding year. Decision-making regarding what maintenance and repair need be made shall be retained by Landlord.
6. **Entry.** The Tenant, their agents and designees shall have reasonable access to the Wells and Landlord's access road to the Wells for the sole purpose of using the Wells pursuant to the terms of this Agreement. The Tenant shall indemnify and hold the Landlord harmless from any loss, damage, or claim arising out of the Tenant's access to the Wells across Landlord's property. Landlord shall retain all obligations to maintain access to the Wells in the same condition as at present.
7. **Assignment.** Tenant shall not have the right to assign their rights and obligations under this Agreement without prior written consent of Landlord, which consent shall be given only at the sole and unfettered discretion of Landlord.
8. **Partial Invalidity.** If any term or provision of this Agreement or the application to any person or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those to which it is held invalid or unenforceable, shall not be affected thereby, and each such term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.
9. **Waivers.** No waiver of any breach of any covenant or provision contained here shall be deemed a waiver of any preceding or succeeding breach thereof, or of any other covenant or provision here contained. No extension of time for performance of any obligation or act shall be deemed an extension of the time for performance of any other obligation or act.
10. **Successors and Assigns.** This Agreement shall be binding on and shall inure to the benefit of the permitted successors and assigns of the parties to it.
11. **Attorney Fees.** If a party to this Agreement brings any action or suit against another party to this Agreement by reason of any breach of any of the covenants, agreements, or provisions on the part of the other party arising out of this Agreement, then the prevailing party shall be entitled to have and recover from the other party all costs and expenses of the action or suit, including actual attorney fees, at trial and on appeal.

*JA SA [Signature]*

12. **Entire Agreement.** This Agreement (including any exhibits attached to it) is the final expression of, and contains the entire agreement between, the parties with respect to the subject matter of the Agreement and supersedes all prior understandings with respect to it.
13. **Time of Essence.** The Landlord and the Tenant hereby acknowledge and agree that time is strictly of the essence with respect to each and every term, condition, obligation, and provision.
14. **Governing Law.** The parties acknowledge that this Agreement has been negotiated and entered into in the state of Oregon. The parties expressly agree that this Agreement shall be governed by, interpreted under, and construed and enforced in accordance with the laws of the state of Oregon.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date and year written above.

**Landlord:**

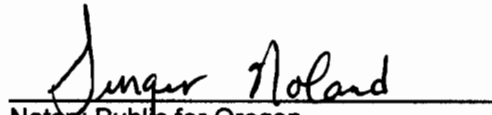
  
 \_\_\_\_\_  
 Joseph L. Arriola

  
 \_\_\_\_\_  
 Sheryl J. Arriola

STATE OF OREGON    )  
                                   ) ss.  
 County of Malheur    )

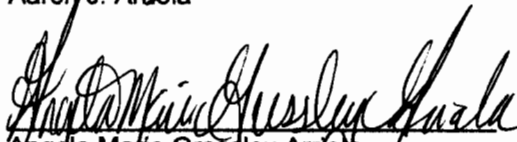
On this 25 day of September, 2008, before me personally appeared Joseph L. Arriola and Sheryl J. Arriola, husband and wife, who being duly sworn acknowledged the foregoing instrument to be their voluntary act and deed, respectively.



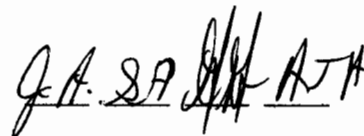
  
 \_\_\_\_\_  
 Notary Public for Oregon  
 My commission expires: Nov. 28, 2009

**Tenant:**

  
 \_\_\_\_\_  
 Aaron J. Arriola

  
 \_\_\_\_\_  
 Angela Marie Gressley Arriola

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 SALEM, OREGON





STATE OF OREGON )  
 ) ss.  
County of Malheur )

On this 25 day of September, 2008, before me personally appeared Aaron J. Arriola and Sheryl J. Arriola, husband and wife, who being duly sworn acknowledged the foregoing instrument to be their voluntary act and deed, respectively.



Ginger Noland  
Notary Public for Oregon  
My commission expires: Nov. 28, 2009

STATE OF OREGON )  
 ) ss.  
County of Malheur )

On this \_\_\_\_\_ day of September, 2008, before me personally appeared Angela Marie Gressley Arriola who being duly sworn acknowledged the foregoing instrument to be their voluntary act and deed, respectively.

\_\_\_\_\_  
Notary Public for Oregon  
My commission expires: \_\_\_\_\_

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GA SA GA SA

Groundwater

3. Point of diversion/appropriation location:

(DLC, Government Lot, ¼ ¼, Section, Township, Range)	Reference to a recognized public land survey corner by distance and bearing or by coordinates
NW1/4, SW1/4, Sec. 13, T 16S, R43E	Well # 1 1740 ft. N. & 20 ft. E. of SW Cor. Sec. 13
NW1/4, SW1/4, Sec. 13, T 16S, R43E	Well # 2 1950 ft. N. & 850 ft. E. of SW Cor. Sec. 13
NW1/4, SW1/4, Sec. 13, T 16S, R43E	Well # 3 1140 ft. N. & 980 ft. E. of SW Cor. Sec. 13

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Exhibit 1  
Water Sharing Agmt.  
Page 1 of 1

G-17117



# Oregon Water Resources Department Land Use Information Form

THIS FORM IS NOT REQUIRED IF: 1) water is to be diverted, conveyed, and/or used only on federal lands; or 2) the application is for a water-right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

Applicant Name: Devon Arriola  
Mailing Address: 2445 12<sup>th</sup> Avenue East  
City: Uakle State: OR Zip: 97918 Day Phone: (541) 473-4061

### A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. 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:
16S	43E	13	NW¼	5100		<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	irrigation
16S	43E	13	SW¼	5100		<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	irrigation
16S	43E	24	NW¼	8300		<input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	irrigation
16S	43E	24	SE¼	8300		<input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	irrigation

List all counties and cities where water is proposed to be diverted, conveyed, or used. Malheur

### B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 150  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: Appropriate ground water to irrigate 50 acres of Farmable Ground.

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

### Receipt for Request for Land Use Information

State of Oregon Water  
Resources Department  
725 Summer Street NE, Suite A  
Salem, OR 97301-1266

G-17117

### 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**

✓ Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): MCC Chap 6

Land uses to be served by 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, OREGON

Name: Jon D Beal Title: Planning Div.  
Signature: Jon D Beal Phone: 541-473-5185 Date: 3-20-09  
Government Entity: Malheur Co

**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: \_\_\_\_\_



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since 1972*

# CK3, LLC

**CIVIL-STRUCTURAL-ELECTRICAL  
ENGINEERING-SURVEYING & PLANNING  
368 SW 5TH AVENUE, ONTARIO, OR 97914**

23 June 2009

**RE: Application for a Permit to Use Ground Water  
Aaron Arriola, & Joe Arriola, Vale, Oregon**

Dear Ms. McAleer,

I am sending this letter, as directed by Aaron & Joe Arriola, to amend the previous application and map for the use of ground water. The amendment is to use 0.38 cfs from one existing well vs. three existing wells as previously desired. The proposed well is a deeper well than the former three. The revised map is attached as Exhibit A, and the well log & pump test are attached as Exhibits B & C, respectively.

Respectfully submitted,

**Stewart R. Edwards**

Certified Water Rights Examiner # 36234WRE

Cc: Aaron Arriola, Joe Arriola

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**WATER RESOURCES DEPT  
SALEM, OREGON**

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

WELL I.D. # L 72898  
 START CARD # 167010

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

(1) LAND OWNER  
 Name Garon Arriola Well Number 72898  
 Address 2506 12<sup>th</sup> Ave E  
 City Vale State OR Zip 97918

(2) TYPE OF WORK  
 New Well  Deepening  Alteration (repair/recondition)  Abandonment

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

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
 Special Construction approval  Yes  No Depth of Completed Well 125 ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL		Sacks or pounds
Diameter	From To	Material	From To	
16	0 26	Concrete	0 26	45
10	26 125			

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

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 10	0	26	2.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used  Inside  Outside  None  
 Final location of shoe(s) 26 ft

(7) PERFORATIONS/SCREENS:

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian  
 Yield gal/min 50 Drawdown 7 ft Drill stem at \_\_\_\_\_ Time 2 hrs

Temperature of water 61° 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 Malheur Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 16 S N or S Range 43 E E or W. WM.  
 Section 24 SE 1/4 NE 1/4  
 Tax Lot 201 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) Hill Rd Vale, OR 97918

(10) STATIC WATER LEVEL:  
65 ft. below land surface. Date 8-5-05  
 Artesian pressure \_\_\_\_\_ lb. per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found 75 ft

From	To	Estimated Flow Rate	SWL
75	110	80 gpm	65

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

Material	From	To	SWL
Sandy bn clay	0	20	
Blue clay	20	75	
Sand + Blue clay mix	75	110	65
Blue clay	110	125	

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Date started 7-30-05 Completed 8-5-05

(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 water supply well construction standards. Materials used and information reported above are true to the best of my 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 water supply well construction standards. This report is true to the best of my knowledge and belief.  
 WWC Number 1485  
 Signed Jim M File Date 9-1-05

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Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

WATER RESOURCES DEPT
SALEM, OREGON

Well Owner:

Name: AARON ARRIOLA
Address: 2506 12TH AVE EAST
County: MALHEUR
City: VALE State: OR Zip: 97918
Original owner (from well log): AARON ARRIOLA

Well Location:

Township: 16 S Range: 43 E
Section: 24 1/4 SE 1/16 NE 1/64 NE
Well depth: 125.0 Date drilled: 8/05/05
Owners well no. (if any): 72898
POD ID:

Water Right Information:

Application: Permit: Certificate:
Is this well listed on more than one water right? Yes If yes, list additional water rights below:
Application: Permit: Certificate:
Application: Permit: Certificate:

Pump Test:

Test Conducted by: JON M. FIFE Well Owner? NO Yes
Company: WILLOWCREEK IRRIGATION INC
Address: 4732 JOHN DAY HWY Date of Test: 5-21-09
City: VALE State: OR Zip: 97918
Daytime phone: 541-473-2803

Method of discharge measurement (see our brochure for more information): Flow meter
Method of water-level measurement (pick one or enter other method used): Electric tape
Length of air line (if used):

Pump type (pick one or enter other method used): Submersible
Was the pump test conducted during normal use of the well? Yes Note: NO

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? Yes Note: NO
If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test:

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: ft Approx. elevation difference: ft

Well elevation is below surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) GROUND LEVEL

Measuring point distance below land surface 0.00 feet.

Static water level measurements: (A minimum of three measurements are required in the hour before pumping begins at no less than 20 minutes apart):

Table with 3 columns: Time, Depth to water below meas. point, Depth to water below land surface. Rows show measurements at 7:20, 7:40, and 8:00.

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Table with 3 columns: Time, Discharge Rate, Discharge Units (e.g. gpm, cfs, etc). Rows show measurements at 8:01, 9:00, 10:00, 11:00, and 12:00.

Time pump turned on: Date 5-21-09 Time 8:00 AM
Time pump turned off: Date 5-21-09 Time 12:00 PM
Total pumping time: 4 hours 0 minutes

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: http://www.wrd.state.or.us

OWRD 2/9/2000

Required Signature:

Handwritten signature: Jon M Fife

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Oregon Water Resources Department

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SALEM, OREGON

## PUMP TEST DATA SHEET

Page 1 of 1

Application: \_\_\_\_\_ Permit: \_\_\_\_\_ Certificate: \_\_\_\_\_ Pod Id: \_\_\_\_\_

All water-level measurements must either be in feet and inches, or feet and decimal fractions.

### Drawdown Data

### Recovery Data

Drawdown Data					Recovery Data						
Date	Time	Time Since Pump Started (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments	Date	Time	Time Since Pump Stopped (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments
5-21-09	8:00	0	68-7	68-7		5-21-09	12:02	2	75	75	
	8:02	2	73	73	100gpm		12:04	4	73	73	
	8:04	4	76	76	Sandy		12:06	6	72	72	
	8:06	6	80	80			12:08	8	71	71	
	8:08	8	80	80			12:10	10	70-6	70-6	
	8:10	10	79	79			12:15	15	70	70	
	8:15	15	84	84	250 gpm		12:20	20	69-4	69-4	
	8:20	20	86	86	sandy		12:25	25	69	69	
	8:25	25	92	92	300 gpm	5-21-09	12:30	30	68-9	68-9	
	8:30	30	92	92	Sandy						
	8:45	45	91	91							
	9:00	60	90	90	300gpm						
	9:45	75	90	90	Sandy						
	9:30	90	91	91							
	9:45	105	91	91							
	10:00	120	92	92	300 gpm						
	10:15	135	92	92							
	10:30	150	91	91							
	10:45	165	91	91							
	11:00	180	91-6	91-6	300 gpm						
	11:15	195	91	91	Clearing						
	11:30	210	91-2	91-2							
	11:45	225	91-1	91-1							
5-21-09	12:00	240	91-0	91	300gpm Clearing						