



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.

1. APPLICANT INFORMATION

A. Individuals

Applicant: LAURANCE + MARILEE Rowley
First Last

Mailing address: 6772nd Crane Buchanan Rd
Bucans OR 97720
City State Zip

Phone: 541 495 2008
Home Work Other

*Fax: _____ *E-Mail address: _____

B. Organizations

N/A.

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

Name of organization: _____

Name and title of person applying: _____

Mailing address of organization: _____
City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

* Optional information

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SALEM OREGON

For Department Use		
App. No. <u>G-16987</u>	Permit No. _____	Date _____

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2. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

Yes (Skip to section 3 "Ground water Development.")

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.

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 1

Name of nearest surface water body: MALHEAR LAKE

Distance from well(s) to nearest stream or lake: 1) APPRX 10 miles

2) _____ 3) _____ 4) _____

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) FLAT

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: Ken Smith SR

Address: 63790 Hy 78E Burns OR 97720

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Completion date: OCT-17-07

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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							

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:

NA

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 of <u>aquifer</u>	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1	UNKNOWN	IRR	1009.8	348986880	400 +

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 2,2125 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: MAR 1 OCT 1
(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, please give the total number of acres where water will be applied or used: 177 ac
(This number should be consistent with your application map.)

5. WATER MANAGEMENT

A. Diversion

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

- Pump (give horsepower and pump type): UNKNOWN
- Other means (describe): _____

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 6" Length See MAP ATT
- Other (describe) AT THIS TIME NOT SURE WHAT MEANS OF IRR TO BE used

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C. Application/Distribution Method

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

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 open

Distribution method

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

D. Conservation

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

Will not know conservation method till permit is issued

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: completed

Proposed date construction will be completed: oct 17-07

Proposed date beneficial water use will begin: upon grant of permit

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.

Plan to work on Project while waiting for permit processes to work

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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 to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

I swear that all information provided in this application is true and correct to the best of my knowledge:

Laura W. Rowley

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

12-19-07
OCT 17 07

Date

Marilee A. Rowley

12-19-07

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 or call (503) 986-0900.

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WRD on the web:
www.wrd.state.or.us

Ground Water/6

G-16987



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: 177 Acres

Secondary: _____ Acres

List the permit or certificate number of the primary water right: No. _____

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

- | | | |
|-----------------------|---|--|
| 1. <u>ALPHA</u> _____ | <input checked="" type="checkbox"/> Full season | <input type="checkbox"/> Partial season (from: <u>MAR 1</u> to <u>OCT 31</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.

531 AC.FT. 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?

Daily during daytime hours

Daily during nighttime hours

Two or three times weekly during daytime

Two or three times weekly during nighttime

Weekly, during daytime hours

Weekly, during nighttime hours

Other, explain: _____

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Last revision: October 31, 1996

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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: LAURANCE W Rowley MARILEE A Rowley
Mailing Address: 67724 Crane BUCHANAN Rd
City: Burns State: OR Zip: 97720 Day Phone: 541 495 2008

This application is related to a Measure 37 claim. [] Yes [X] 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.

Table with 8 columns: Township, Range, Section, 1/4, Tax Lot #, Plan Designation (e.g. Rural Residential/RR-5), Water to be: (Diverted, Conveyed, Used), Proposed Land Use. Includes handwritten entries for tax lots 500 and 400.

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

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

Source of water: [] Reservoir/Pond [X] Ground Water [] Surface Water (name)

Estimated quantity of water needed: 1000 [] cubic feet per second [X] gallons per minute [] acre-feet

Intended use of water: [X] Irrigation [] Commercial [] Industrial [] Domestic for household(s)
[] Municipal [] Quasi-municipal [] Instream [] Other

Briefly describe:

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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Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdictions where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan.

Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan.

Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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): FEA-2
- 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.

Name: Bryan M:W Title: Planning Director
 Signature: [Signature] Phone: 573-6655 Date: 12/20/07
 Government Entity: Harney County Planning

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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BOX 6: BOX 9: BOX 12: BOX 15:
BOX 7: BOX 10: BOX 13:
BOX 11: BOX 14:
FOR INTERNAL USE ONLY

OWNERS

SCHEDULE A

1. ORDER NO.	2. POLICY NUMBER	3. POLICY DATE	4. AMOUNT OF INSURANCE	5. PREMIUM
0015944	73106-1168	5-14-02	\$8,500.00	\$200.00

400/83D at 11:30AM

1. Name of Insured:

***** LAURANCE W. ROWLEY and MARILEE A. ROWLEY *****

2. The estate or interest in the land which is covered by this Policy is:

***** A Fee *****

3. Title to the estate or interest in the land is vested in:

***** LAURANCE W. ROWLEY and MARILEE A. ROWLEY *****

4. The land referred to in this Policy is described as follows:

Land in Harney County, Oregon, as follows:

In Twp. 24 S., R. 33 E., W.M.
Sec. 12: $W\frac{1}{2}NW\frac{1}{4}NE\frac{1}{4}$.

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SUBJECT TO THE FOLLOWING STANDARD EXCEPTIONS APPLYING THERETO:

This policy does not insure against loss or damage (and the Company will not pay costs, attorney's fees or expenses) which arise by reason of:

GENERAL EXCEPTIONS

1. a. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
b. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. a. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
b. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Discrepancies, conflicts in boundary lines, shortage in area, encroachments of any other facts which a correct survey would disclose, and which are not shown by the public records.
4. a. Unpatented mining, claims;
b. Reservations or exceptions in patents or in Acts authorizing the issuance thereof;
c. Water rights, claims or title to water

Whether or not the matters excepted under (a), (b), or (c) are shown by the public records.
5. Any lien or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

CODE: 4-2 MAP NO.: 24S 33E 12 TAX LOT: 400 REF. NO.: 10299

6. **MINERALS RESERVED** by Harney County, Oregon, as to full interest therein, in Deed recorded November 8, 1946, in Book 44, Page 484 of Deeds, and all rights of said Harney County, Oregon, and its successors in interest, as owners thereof.

NOTE: The mineral interest reserved or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.

7. **RESERVATIONS** in deed from Harney County, Oregon, recorded November 8, 1944 in Book 44, page 484, Deed Records, reserving a right for a right of way for county roads.

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Title Order: 0015944
Title Officer: STAN FALLEY
Page 3

8. **EASEMENT**, including the terms and provisions thereof, for public highway, pipe lines, sewerage and utilities, reserved in deed from Meadowland Ranches, Inc., a corporation, recorded September 12, 1968, in Book 85, Page 34, Deed Records.

*****End of Policy*****

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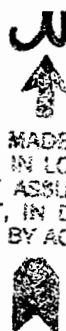
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SALEM, OREGON

SECTION 12 T.24S. R.33E. W.M.
HARNEY COUNTY

1"=400'

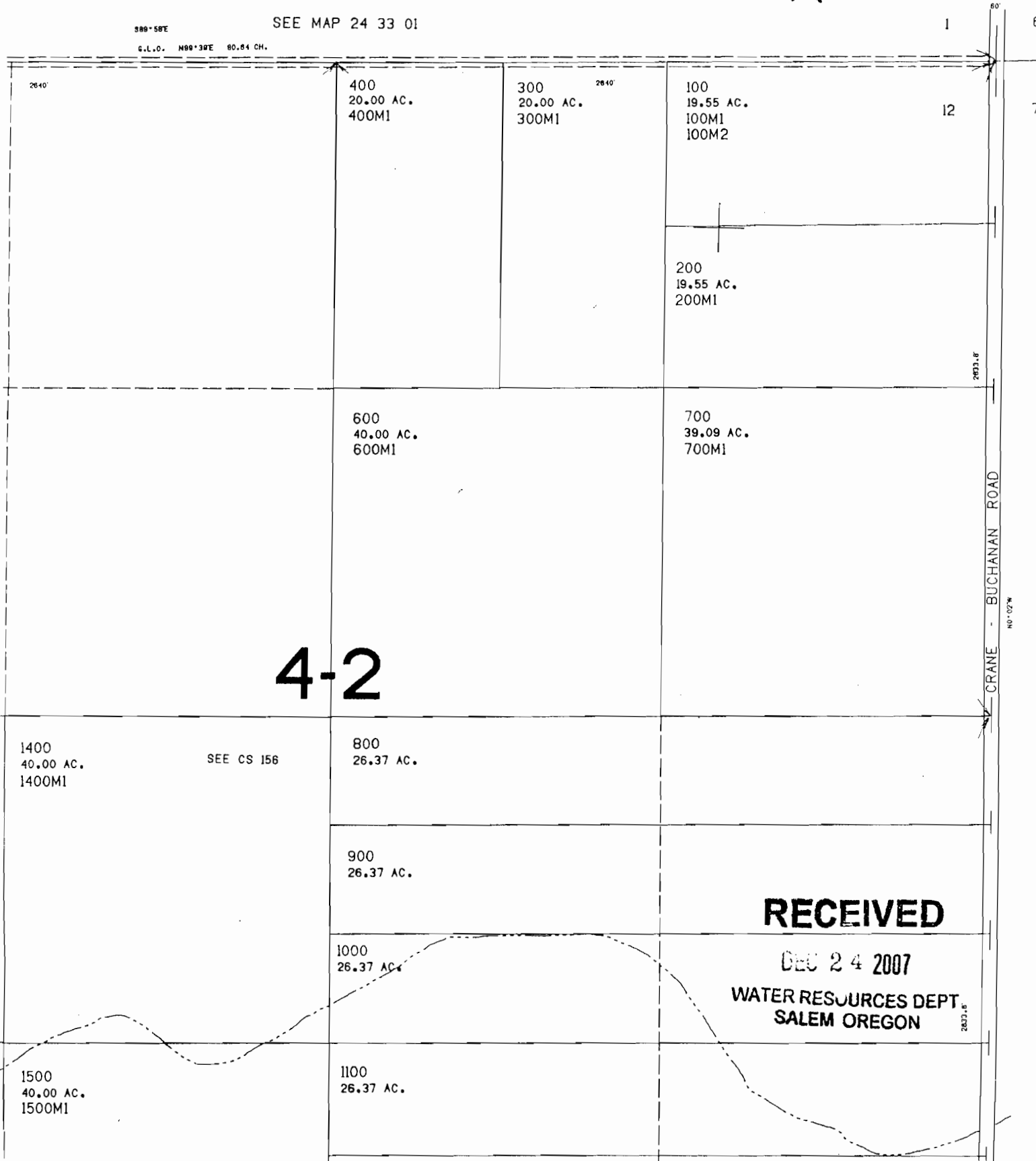
THIS SKETCH IS MADE SOLELY FOR THE PURPOSE OF ASSISTING IN LOCATING SAID PREMISES AND THE COMPANY ASSUMES NO LIABILITY FOR VARIATIONS, IF ANY, IN DIMENSIONS AND LOCATIONS ASCERTAINED BY ACTUAL SURVEY.



SEE MAP 24 33 01

S89°58'E

G.L.O. N89°39'E 80.84 CH.



4-2

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SEE MAP 24 34



PRELIMINARY TITLE REPORT

JETT BLACKBURN REAL ESTATE
707 PONDEROSA VILLAGE
BURNS, OR 97720

Attn: CURT

June 12, 2003
Report #1
Escrow Number : BU0016363
Escrow Officer: TERRI JO MORGAN
Title Number : 0016363
Title Officer : STAN R. FALLEY

Table with 3 columns: Policy or Policies to be issued, Liability, Premium. Row 1: STANDARD OWNER'S POLICY, \$24,000.00, \$200.00. Row 2: Proposed Insured: LAURANCE W. ROWLEY, MARILEE A. ROWLEY

We are prepared to issue 1992 ALTA title insurance policy(ies) of CHICAGO TITLE INSURANCE COMPANY of OREGON, in the usual form insuring the title to the land described as follows:

Land in Harney County, Oregon, as follows:

In Twp. 24 S., R. 33 E., W.M.:
Sec. 12: NW1/4.

Vestee:

THOMAS H. DENMAN

Dated as of June 11, 2003 at 8:00 A.M.

Schedule B of the policy(ies) to be issued will contain the following general and special exceptions unless removed prior to issuance:

GENERAL EXCEPTIONS:

- 1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Easements, liens, encumbrances, interests or claims thereof which are not shown by the public records.
3. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
4. (a) Unpatented mining claims; (b) Reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) Water rights, claims or title to water whether or not the matters excepted under (a), (b), or (c) are shown by the public records.
5. Any lien or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law not shown by the public records.

SPECIAL EXCEPTIONS:

Taxes assessed under Code No. 4-2 Acco 10393



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Order No. 0016363

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Map No. 24S 33E 12 Tax Lot 500

The 2002-2003 Taxes: \$203.46, have been paid in full.

This report is preliminary to the issuance of a policy of title insurance and shall become null and void unless a policy is issued and the full premium paid.

AmeriTitle

By: Stan Falley
Stan Falley

"Superior Service with Commitment and Respect for Customers and Employees"

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HARN MZ 51408
51408

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL I.D. # L 84785

START CARD # 189051

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

(1) LAND OWNER Well Number _____
Name Lawrence W Bowley
Address 6772 4 Crane Buchanan Rd
City Burns State OR Zip 97720

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

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Other _____

(4) PROPOSED USE
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
Depth of Completed Well 400 ft.
Explosives used: Yes No Type _____ Amount _____

BORE HOLE		SEAL	
Diameter	From To	Material	Sacks or Pounds
16"	0' 20'	Bentsmate	20' 30

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

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

Diameter	From To	Gauge	SEAL			
			Steel	Plastic	Welded	Threaded
Casing: 12"	11' 199'	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) 199'

(7) PERFORATIONS/SCREENS

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Telephone size

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

Yield gal/min	Drawdown	Drill stem at	Time
400	90"	160"	4 Hrs

Temperature of water 57° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? yes Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: 5'

(9) LOCATION OF WELL (legal description)
County Harney
Tax Lot 500 Lot _____
Township 24 S N or S Range 33 E E or W WM
Section 12 NE 1/4 NE 1/4
Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)
Street Address of Well (or nearest address) Same

(10) STATIC WATER LEVEL
20' ft. below land surface. Date 10-17-07
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
Depth at which water was first found 30'

From	To	Estimated Flow Rate	SWL
30	32	30 gpm	20'
70	75	30 gpm	20'
100	101	30 gpm	20'
395	400	200 gpm	20'

(12) WELL LOG Ground Elevation 4100'

Material	From	To	SWL
top soil	0	1	
brown clay	1	40	
gray clay	20	60	30
gray sand	20	80	20
gray clay	80	96	
gray sand	96	103	20
brown clay	103	195	
sand stone	195	395	
gray sand	395	400	20

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DEC 24 2007

Date Started 10-2-07 Completed 10-17-07

WATER RESOURCES DEPT
SALEM OREGON

(bonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

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WWC Number _____ Date DEC 12 2007
Signed _____
WATER RESOURCES DEPT
SALEM OREGON

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 1752 Date 10-17-07
Signed Kenneth E Smith

G-16587