



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: Kenneth A. & Paula J. Thomas
First Last

Mailing address: P. O. Box 864
Crane OR 97732
City State Zip

Phone: 541-493-2776
Home Work Other

*Fax: 541-493-2776 *E-Mail address: Kenneth134@centurytel.net

B. Organizations

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

Name of organization: N/A

Name and title of person applying: _____

Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

* Optional information

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

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WATER RESOURCES DEPT
SALEM OREGON

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.

N/A

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 1 TO BE DRILLED.

Name of nearest surface water body: Matheur Lake

Distance from well(s) to nearest stream or lake: 1) 6 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) N/A

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: Western Well Drilling

Address: Burns OR 97720

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Completion date: After permit approved - hopefully Spring, 2009

PROPOSED

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
1	12"	welded .250 gage	100	N/A	20'	30'	95'	access pipe	168'

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	Groundwater	Irrigation	850	293,760,000	850

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 2 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: March 1 to October 31
(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: 160 acres
(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): 50 HP Turbine
- 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 10" PVC Length Up to 1300 ft

- Other (describe) _____

Ground Water/4

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SALEM OREGON

C. Application/Distribution Method

What equipment will you use to apply water to your place of use? Center pivot
supplied by turbine pump and PVC pipe.

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

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.

I chose a low pressure center pivot because for me it is the most cost-effective and manageable means to do an efficient job for this operation.

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: March, 2009

Proposed date construction will be completed: May, 2009

Proposed date beneficial water use will begin: May, 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.

I would like to address the proposed well and how I came up with the information I provided. Please see attached sheet - Exhibit A

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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:

Kenneth A Thomas Paula J Thomas 2/6/08
Signature of Applicant (If more than one applicant, all must sign.) Date

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.

LEGAL DESCRIPTION

IN TWP. 27 S, R. 34 E., W.M.

SECTION 16: W 1/2

SECTION 17: All that portion of the NE 1/4 and the NE 1/4 SE 1/4 lying easterly of the Anderson Valley County Road right of way.

TAX LOT 2900

381.36 Acres

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**WATER RESOURCES DEPT
SALEM OREGON**

Exhibit A

I checked the available well logs within approximately two miles of my proposed well. This is a twenty square mile area, and included eleven wells. This showed the following averages:

WELL DEPTH	<u>167.50 feet</u>
STATIC WATER LEVEL	<u>22.20 feet</u>
DEPTH TO ROCK, GRAVEL, OR CINDERS	<u>94.80 feet</u>
GALLONS PER MINUTE	<u>959.00 gpm</u>

In a smaller area, approximately one and a half miles from my proposed well, I checked six wells. Their averages were as follows:

WELL DEPTH	<u>174.80 feet</u>
STATIC WATER LEVEL	<u>27.00 feet</u>
DEPTH TO ROCK, GRAVEL, OR CINDERS	<u>62.80 feet</u>
GALLONS PER MINUTE	<u>1067.00 gpm</u>

In yet a smaller area, approximately one mile from my proposed wells, there were two wells. Their averages were as follows:

WELL DEPTH	<u>137.50 feet</u>
STATIC WATER LEVEL	<u>25.00 feet</u>
DEPTH TO ROCK, GRAVEL, OR CINDERS	<u>77.50 feet</u>
GALLON PER MINUTE	<u>1100.00 gpm</u>

I averaged the above three studies and came up with the following:

WELL DEPTH	<u>159.90 feet</u>
STATIC WATER LEVEL	<u>24.70 feet</u>
DEPTH TO ROCK, GRAVEL, OR CINDERS	<u>78.40 feet</u>
GALLONS PER MINUTE	<u>1042.00 gpm</u>

It is difficult to know what is underground, but I believe these wells logs provide some consistency in the area. For the most part, they start through top soil, then maybe some hardpan, and then into different types of clay. When they drill through the clay, they almost always got into a water bearing rock of some type. I would assume I will do the same.

Kenneth Thomas

Kenneth Thomas

Paul J. Thomas

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WATER RESOURCES DEPT
SALEM OREGON

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

WATER WELL REPORT

Application # 6-9018
State Well No. 275/34E-4cd

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

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Permit No. _____

1488
Harney

(1) OWNER:

Name D.V. Doman
Address Princeton Oregon

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 13.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
14" Diam. from 0 ft. to 60 ft. Gage .250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No

Type of perforator used _____

Size of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
Yield: 1000 gal./min. with 15 ft. drawdown after 3 hrs.

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 14 in.
Number of sacks of cement used in well seal 10 sacks
How was cement grout placed? poured

Was a drive shoe used? Yes No Plugs _____ Size, location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Harney Driller's well number _____
SE 1/4 SW 1/4 Section 4 T. 27S R. 34E W.M.

Bearing and distance from section or subdivision corner
1320' N 1320' E from SW corner of
Sec 4 T27S R34E

(11) WATER LEVEL: Completed well.

Depth at which water was first found 16 ft.
Static level 15 ft. below land surface. Date June 1 79
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 14
Depth drilled 90 ft. Depth of completed well 85 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Soil	0	8	
Tan Clay	8	15	9
Tan-Blue Clay mix	15	20	9
Blue Clay	20	70	16
Cinders & Clay mix	70	75	16
Cinders & Fine Sand	75	85	16
Cinders	85	90	

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JUN 1 1979

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WATER RESOURCES DEPT
SALEM, OREGON

JUN 28 2008

WATER RESOURCES DEPT
SALEM, OREGON

Work started April 25 1979 Completed April 28 1979
Date well drilling machine moved off of well May 10 1979

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] D.V. Doman Date June 10, 1979
(Drilling Machine Operator)

Drilling Machine Operator's License No. Land owner

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name D.V. Doman (Type or print)
(Person, firm or corporation)

Address _____

[Signed] D.V. Doman
(Water Well Contractor)

Contractor's License No. _____ Date June 10, 1979

2

MAR - 7 1990

1489
HARDIN

27s/34e/5db
16670

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

WATER RESOURCES DEPT.
SALEM, OREGON

(START CARD) #

16670

(1) OWNER:

Name Tom Maupin
Address PO Box 15
City Princeton State Or Zip 97721

Well Number: _____

(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 220 ft.

Explosives used Type _____ Amount _____

Diameter		From		To		Material	SEAL		Amount
From	To	From	To	From	To		From	To	
18"	0	18"	0	18"	0	18"	0	18"	14 sacks
14"	18"	220'							

How was seal placed: Method A B C D E

Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

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

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing	14"	+1	100'	250	<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"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

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

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
800 gpm	163'	200'	6 hr.

Temperature of water 57° Depth Artesian Flow Found _____

Was a water analysis done? No Yes By whom _____

Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other _____

Depth of strata: 21' to 31'

(9) LOCATION OF WELL by legal description:

County Harney Latitude _____ Longitude _____
Township 27S Nor S, Range 34E E or W, WM.
Section 5 NW SE
Tax Lot 2734 600 Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

12 ft. below land surface. Date 3/3/90
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
21'	31'	150 gpm	12
152'	219'	830 gpm	12

(12) WELL LOG:

Ground elevation 41

Material	From	To	SWL
Top soil clay loam	0	1	
Clay tan	1	21	
oaving Pumice, coarse/sand med	21	31	12
Clay blue	31	35	
Clay soft, blk	35	52	
Clay green	52	60	
Clay brn	60	75	
Clay green	75	82	
Clay black	82	98	
Sandstone grey hard	98	105	12
Rock, grey	105	125	
Sandstone green	125	135	
Rock Grey	135	142	
Sandstone Grey	142	152	
Pumice grey, coarse	152	219	12
Claystone brn	219	220	12

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WATER RESOURCES DEPT

SALEM, OREGON
Date started 2/15/90 Completed 3/3/90

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

WWC Number _____

Signed _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 426

Signed [Signature] Date 3/5/90

3

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

WATER WELL REPORT

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JUL 9 1981 State Well No. 2751346-5

STATE OF OREGON

(Please type or print) WATER RESOURCES DEPT

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

(Do not write above this line) SALEM, OREGON

Handwritten: 1490

(1) OWNER:

Name TOM MAUPIN
Address PRINCETON, OREGON

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 13.

(3) TYPE OF WELL:

Rotary Cable Dug
Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
12" Diam. from 0 ft. to 60 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? Yes No.
Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Driller
Yield: 600 gal./min. with 47 ft. drawdown after 8 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 52 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 18 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 12 sacks
Number of sacks of bentonite used in well seal sacks
Brand-name of bentonite, slurry mix 5-pound
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? Yes No Plugs Size: location ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Harney Driller's well number
53 1/4 Section 6 T. 27S R. 34E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 21 ft.
Static level 8 ft. below land surface. Date 9/26/80
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12
Depth drilled 100 ft. Depth of completed well 70 ft.
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Topsoil	0	2	
Yellow clay	2	21	
Blue clay	21	45	20
Silt Fine Blue	45	55	20
Clay Blue	55	70	20
Shale & fine sand blue	70	100	8

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MAY 18 1981

FEB 23 2000

WATER RESOURCES DEPT
SALEM, OREGON

WATER RESOURCES DEPT
SALEM, OREGON

Work started 6/6 1980 Completed 9/26 1980
Date well drilling machine moved off of well 9/26 1980

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] [Signature] Date 9/26, 1980
(Drilling Machine Operator)
Drilling Machine Operator's License No. 269

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Rossberg & Son
(Owner, firm or corporation) (Type or print)
Address CRANE OREGON
[Signed] [Signature]
(Water Well Contractor)
Contractor's License No. 272 Date 9/26, 1980

Original and
Plans with the
STATE ENGINEER
LEW. OREGON

WATER WELL DRILLERS REPORT

Do Not State Well No. 27/34-7D1

STATE OF OREGON G1881

Fill In State Permit No.

NOV 21 1960

(1) OWNER:
Name Alfred OLTMAN
Address PRINCETON OREGON

(2) LOCATION OF WELL:
County Harney Owner's number, if any—
R. F. D. or Street No.
Bearing and distance from section or subdivision corner
1300 FT SOUTHWEST FROM
NW CORNER SEC 7 TWP 23S RANGE 24
EW 11

(3) TYPE OF WORK (check):
New well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):
Domestic Industrial Municipal
Irrigation Test Well Other

(5) EQUIPMENT:
Rotary
Cable
Dug Well

CASING INSTALLED:
Threaded Welded
FROM ft. to ft. Diam. Gage or Wall
" 0 " 83 1/2 " 14 " 7/32 "
" " " " " " "
" " " " " " "
" " " " " " "
" " " " " " "
Type and size of shoe or well ring 4" steel Size of gravel:
Describe joint welded

(7) PERFORATIONS:
Type of perforator used none
SIZE of perforations in., length, by in.
FROM ft. to ft. perf per foot No. of rows
" " " " " " "
" " " " " " "
" " " " " " "
" " " " " " "
" " " " " " "

SCREENS:
Give Manufacturer's Name, Model No. and Size

CONSTRUCTION:
Was a surface sanitary seal provided? Yes No To what depth ft.
Were any strata sealed against pollution? Yes No
If yes, note depth of strata
FROM ft. to ft.

METHOD OF SEALING

(9) WATER LEVELS:
Depth at which water was first found 50 ft.
Standing level before perforating 33 ft.
Standing level after perforating _____ ft.
Log Accepted by:
[Signed] _____ Owner Dated _____, 19__

(10) WELL TESTS: Approx 1491
Was a pump test made? Yes No If yes, by whom?
Yield: 200 gal./min. with 14 ft. draw down after 14 hrs.
" 350 " " 14 " " 140 "
" 800 " " 14 " " 73 "
Artesian flow _____ g.p.m.
Shut-in pressure _____ lbs. per square inch.
Baller test _____ g.p.m. with _____ ft. drawdown
Temperature of water _____ Was a chemical analysis made? Yes No
Was electric log made of well? Yes No

(11) WELL LOG:
Diameter of well, 14 inches.
Total depth 176 ft. Depth of completed well 176 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.
0 ft. to 40 ft. brown soil with loose rock
40 " 50 " cemented gravel
50 " 60 " loose sand + gravel with water
60 " 78 " brown silt with acid rippled line
78 " 95 " hard clay
95 " 140 " multi-colored rock + pebbles between layers of clay
140 " 170 " multi-colored rock + pebbles picked up some water
170 " 176 " same with strong flow of water

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WATER RESOURCES DEPT
SALEM OREGON
Ground elevation at well site 4500 feet above mean sea level.
Work started 3-24 1960 Completed 4-12 1960

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME FORREST SKINNER
(Person, firm, or corporation) (Typed or printed)
Address CRANE OREGON
Driller's well number _____
[Signed] _____ (Well Driller)
License No. 45 Dated 4-26, 1960

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

WATER WELL REPORT

Application # 6-9017

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

STATE OF OREGON
(Please type or print)

State Well No. 275/34E-96d

State Permit No.

1494
Harney

5

(1) OWNER:

Name D.V. DOMAN
Address Princeton, Oregon

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

14" Diam. from 0 ft. to 60 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? Yes No.

Type of perforator used

Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name

Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?

Yield: 1200 gal./min. with 37 ft. drawdown after 5 hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement

Well sealed from land surface to 25 ft.

Diameter of well bore to bottom of seal 14 1/2 in.

Diameter of well bore below seal 14 in.

Number of sacks of cement used in well seal 11 sacks

How was cement grout placed? poured

Was a drive shoe used? Yes No Plugs Size: location ft.

Did any strata contain unusable water? Yes No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? Yes No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Harney Driller's well number
SE 1/4 NW 1/4 Section 9 T.27S R.34E W.M.

Bearing and distance from section or subdivision corner

0°N 1320' W From Center of
Sec 9 T27S. R34E

(11) WATER LEVEL: Completed well.

Depth at which water was first found 37 ft.

Static level 25 ft. below land surface. Date March 30, 79

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 14

Depth drilled 125 ft. Depth of completed well 125 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Top Soil	0	2	
Top Soil	2	5	
Brown Clay	5	20	
Blue Clay	20	50	25'
Clay-gravel mix	50	70	25'
Coarse Sand	70	75	25'
Clay-gravel mix	75	120	25'
Coarse Sand	120	125	25'

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JUN 15 1979

WATER RESOURCES DEPT
SALEM, OREGON

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MAR 20 2003

WATER RESOURCES DEPT
SALEM OREGON

Work started March 15 19 79 Completed March 25 19 79

Date well drilling machine moved off of well March 30 19 79

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] D.V. Doman Date June 1, 1979
(Drilling Machine Operator)

Drilling Machine Operator's License No. Land owner

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name D.V. Doman
(Person, firm or corporation) (Type or print)

Address
[Signed] D.V. Doman
(Water Well Contractor)

Contractor's License No. Date June 1979

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

WATER WELL REPORT

Application # 6-9019

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

STATE OF OREGON

State Well No. 275/34E-1066

(Please type or print)

State Permit No. _____

(Do not write above this line)

14995
Harn

6

(1) OWNER:

Name P.V. Poman
Address Painton, OR

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
12" Diam. from 0 ft. to 60 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? Yes No

Type of perforator used _____

Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?

Yield: 1000 gal./min. with 20 ft. drawdown after 4 hrs.

Baller test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 7 sacks
How was cement grout placed? poured

Was a drive shoe used? Yes No Plugs _____ Size location _____ ft.

Did any strata contain unusable water? Yes No

Type of water? _____ depth of strata _____

Method of sealing strata off _____

Was well gravel packed? Yes No Size of gravel: _____

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Harney Driller's well number _____
NW 1/4 NW 1/4 Section 10 T.27S R. 34E W.M.

Bearing and distance from section or subdivision corner
1320' S 0' E NE corner of Sec 9

(11) WATER LEVEL: Completed well.

Depth at which water was first found 30 ft.

Static level 22 ft. below land surface. Date May 25

Artesian pressure lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12

Depth drilled 160 ft. Depth of completed well 150 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Soil	0	6	
Tan Clay	6	18	
Tan & Blue Clay mix	18	25	
Blue Clay	25	90	
Dark gray clay	90	95	
gray & clays ft clay	95	100	
light blue clay	100	125	
clay & sand	125	130	
light blue clay	130	160	

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JUN 15 1979

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WATER RESOURCES DEPT
SALEM, OREGON

WATER RESOURCES DEPT
SALEM OREGON

Work started May 24 19 79 Completed May 30 19 79

Date well drilling machine moved off of well June 10 19 79

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] P.V. Poman Date June 10, 1979
(Drilling Machine Operator)

Drilling Machine Operator's License No. Lance Poman

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name _____ (Person, firm or corporation) (Type or print)

Address _____

[Signed] P.V. Poman (Water Well Contractor)

Contractor's License No. _____ Date _____ 19 _____

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

RECEIVED WATER WELL REPORT

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

STATE OF OREGON
(Please type or print)
WATER RESOURCES DEPT
SALEM, OREGON

State Well No. 27S/34E-14C

State Permit No. _____
NEVER APPLIED FOR

(1) OWNER:

Name CAROLINE W. MANOCK ET AL
Address CLINTON LANE RR

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

16" Diam. from 0 ft. to 51 ft. Gage Welded
6" Diam. from 156' 6" ft. to 400' ft. Gage
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____

Size of perforations 5/32 in. by 2" in.
NO perforations from 0 ft. to 51 ft.
5/32 x 2" perforations from 51' ft. to 156' 6" ft.
6" Well perforations from 156' 6" ft. to 400' ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
Yield: 800 gal./min. with 35' ft. drawdown after 30 hrs.

Ballor test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow _____ g.p.m.

Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used _____
Well sealed from land surface to _____ ft.
Diameter of well bore to bottom of seal _____ in.
Diameter of well bore below seal 6" in. Test Well 16" 5/8"
Number of sacks of cement used in well seal _____ sacks
How was cement grout placed? _____

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.

Did any strata contain unusable water? Yes No

Type of water? _____ depth of strata _____

Method of sealing strata off _____

Was well gravel packed? Yes No Size of gravel: _____

Gravel placed from 0 ft. to 156' ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number _____
S 1/2 SW 1/4 Section 14 T. 27 R. 34E W.M.

Bearing and distance from section or subdivision corner
100 FT N OF CENTER OF S. LINE
SW 1/4 SECT 14

(11) WATER LEVEL: Completed well.

Depth at which water was first found 25' 40" ft.
Static level 253' 40' ft. below land surface. Date 9/12/54
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 6"
Depth drilled 460 ft. Depth of completed well 400' ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
LOG ATTACHED			
<i>Note that the 6" test well was abandoned</i>			

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WATER RESOURCES DEPT
SALEM OREGON

Work started 8/4 1954 Completed 9/12 1954
Date well drilling machine moved off of well 9/12 1954

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] _____ Date _____, 19____

Drilling Machine Operator's License No. _____

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name STANBERRY ROBINSON

Address Box 274 OTERIO, OREGON

[Signed] _____ (Water Well Contractor)

Contractor's License No. _____ Date _____, 19____

STANBERY & ROBINSON

Well-Drilling Contractors
 Phone 213-J Box 254
 Ontario, Oregon



Project No. 16" well Name Garle Walker

County Harney State Oregon

Location _____ of _____ Section _____ T. _____ R. _____

Site approved by _____ Geologist _____ Date _____

Check if: New well New Old well _____ Other 16" irrigation

Yield of well 800 Gals. per min. Check depth of well 151 ft.

Date Project started Oct. 5, 1954 Drilling time _____

Date drilling started _____ Drilling time shifts _____

Date drilling completed Nov 5, 1954 Depth to water, Orig. 40 ft

Date casing started Oct. 20, 1954 Depth to water, final 25 ft

Date casing completed " 21, 1954 Depth water from bottom _____

test Date water Produced Nov 10, 1954 Total depth of hole 151 ft

Casing installed, size 16" I.D. inches From 1 ft above Ft. to 151 Ft.

Casing installed, size _____ inches From _____ Ft. to _____ Ft.

Casing installed, size _____ inches From _____ Ft. to _____ Ft.

Perforated casing, size 16" inches From 51 Ft. to 151 Ft.

Perforated casing, size _____ inches From _____ Ft. to _____ Ft.

Top 5ft blank, 100 ft in bottom perforated 5/32 x 2"

From Ft.	To Ft.	Interval Ft.	Color	Hardness	Formation	Water
0	35	35			top soil	
35	80	45	blue	soft	clay&sand	40ft
80	125	45	black	mostly soft	sand & clay	
125	127	2			rock	
127	148	21		soft	black sand	
148	150	2		hard	rock	
<p>20" hole was drilled and 16" casing with centering rings lowered in place. 18 yards of gravel put in space around casing.</p> <p>Well was surged 30 hours, test pumped 800 GPM with 35 ft drawdown.</p> <p>Pumped small amount of sand but soon cleared.</p>						

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FEB 23 2038

WATER RESOURCES DEPT
 SALEM OREGON

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

WATER RESOURCES DEPARTMENT
SALEM, OREGON
within 30 days from the date
of completion
SEP 1978

9 WATER WELL REPORT
STATE OF OREGON
RECEIVED
AUG 25 1978
State Well No. 275/34E-15
State Permit No. 1502
Kern 2

(1) OWNER: RESOURCES DEPT.
SALEM, OREGON
Name: Conly Marshall
Address: Drew, Oregon
WATER RESOURCES DEPT.
SALEM, OREGON

(10) LOCATION OF WELL:
County: HARNEY
Driller's well number: 1
Section: 15 T. 275 R. 34E W.M.
Bearing and distance from section or subdivision corner

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

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
 Bored

(11) WATER LEVEL: Completed well.
Depth at which water was first found: 52 ft.
Static level: 25 ft. below land surface. Date: Feb. 24, 78
Artesian pressure: lbs. per square inch. Date

(5) CASING INSTALLED:
Threaded Welded
12" Diam. from 0 ft. to 87 ft. Gage 250
Diam. from ft. to ft. Gage
Diam. from ft. to ft. Gage

(12) WELL LOG: Diameter of well below casing 12"
Depth drilled 89 ft. Depth of completed well 89 ft.
Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change in
position of Static Water Level and indicate principal water-bearing strata.

(6) PERFORATIONS: Perforated? Yes No.
Type of perforator used: Torch
Size of perforations 1/4 x 1/4 in. by in.
10 perforations from 20 ft. to 85 ft.
perforations from ft. to ft.
perforations from ft. to ft.

MATERIAL	From	To	SWL
top soil	0	15	
clayton	15	20	
clay blue	20	40	
clay and fine gravel	40	50	
sandstone (water)	50	85	25'
clay blue	85	89	

(7) SCREENS: Well screen installed? Yes No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level lowered below static level
Was a pump test made? Yes No If yes, by whom? HARNEY FARM SUPPLY
1200 gal./min. with 38 ft. drawdown after 5 1/2 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

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FEB 20 2008
WATER RESOURCES DEPT
SALEM, OREGON

(9) CONSTRUCTION:
Well seal—Material used: Bentonite
Well sealed from land surface to 20' ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal sacks
How was cement grout placed?
Was a drive shoe used? Yes No Plugs Size: location ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.

Work started Feb 22 1978 Completed March 15 1978
Date well drilling machine moved off of well March 15 1978
Drilling Machine Operator's Certification:
This well was constructed under my direct supervision.
Materials used and information reported above are true to my
best knowledge and belief.
[Signed] _____ Date _____, 19__
(Drilling Machine Operator)
Drilling Machine Operator's License No. _____
Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is
true to the best of my knowledge and belief.
Name X Conly S. Marshall
(Person, firm or corporation) (Type or print)
Address _____
[Signed] _____
(Water Well Contractor)
Contractor's License No. _____ Date _____, 19__

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report

are to be filed with the
RECEIVED
WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310

within 20 days from the date
of completion 10/78

WATER WELL REPORT

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(Do not write above this line)

AUG 25 1978

Form # 92-08-107

State Well No. 275/39E-15

State Permit No.

NU Farm 1503

WATER RESOURCES DEPT.
(1) OWNER: WATER RESOURCES DEPT.
Name SALEM, OREGON
SALEM, OREGON
Address Drew, Oregon

DEPT. LOCATION OF WELL:
County Harney Driller's well number 2
1/4 1/4 Section 15 T. 27S R. 39E W.M.

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

(3) TYPE OF WELL: Rotary Driven
Cable Jetted
 Bored
(4) PROPOSED USE (check): Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED: Threaded Welded
12" Diam. from 0 ft. to 125 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS: Perforated? Yes No.
Type of perforator used torch
Size of perforations 1/4 in. by 4 in.
10 perforations from 30 ft. to 95 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS: Well screen installed? Yes No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? HARNAY FARM SUPPLY
and: 1200 gal./min. with 38 ft. drawdown after 8 1/2 hrs.
" " " " " "
" " " " " "
Ballor test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION: Well seal—Material used Bentonite
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal sacks
How was cement grout placed?

Was a drive shoe used? Yes No Plugs Size: location ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.

(11) WATER LEVEL: Completed well.
Depth at which water was first found 45 ft.
Static level 25 ft. below land surface. Date MAY 27, 78
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 12"
Depth drilled 126 ft. Depth of completed well 125 ft.
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Sandy clay	0	10	
Clay Sandy tan	10	30	
Clay Sandy blue	30	45	
Sandstone (water)	45	95	25'
Clay and Fine gravel	95	110	
Sand black Fine	110	125	

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FEB 23 2000

WATER RESOURCES DEPT
SALEM OREGON

Work started March 25 1978 Completed March 31 1978
Date well drilling machine moved off of well April 19 1978

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] _____ Date _____, 19____
(Drilling Machine Operator)
Drilling Machine Operator's License No. _____

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name X Conly L. Marshall (Person, firm or corporation) (Type or print)
Address _____
[Signed] _____ (Water Well Contractor)
Contractor's License No. _____ Date _____, 19____

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT.

SALEM, OREGON 97310

within 30 days from the date of well completion.

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JUL 26 1977

WATER RESOURCES DEPT

STATE OF OREGON

WATER WELL REPORT

(Please type or print)

(Do not write above this line)

State Well No.

275/346-150

State Permit No.

Harn 1504

(1) OWNER:

SALEM, OREGON

Name FRED BRIGGS
Address P.O. Box 282
LAKEVIEW, OR 97630

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Cable Aug Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
14" Diam. from +1 ft. to -79 ft. Gauge 250
" Diam. from " ft. to " ft. Gauge
" Diam. from " ft. to " ft. Gauge

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
gal/min with ft. drawdown after hrs.

Flow test 1000 gal/min. with 40 ft. drawdown after 2 hrs.

Artesian flow _____ g.p.m.
Temperature of water 53 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT
Well sealed from land surface to -20 ft.
Diameter of well bore to bottom of seal 15 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal 12 sacks
How was cement grout placed? ROCK WELDED TO CASING AT 20 FT. CEMENT PLACED BY GROUTING METHOD

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No.

Type of water? _____ depth of strata _____
Method of sealing strata off _____

Was well gravel packed? Yes No Size of gravel _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number W.
Center's No. 15 Section 15 T. 275 R. 346 W.M.
Bearing and distance from section or subdivision corner 132.0 FT
SEC. 15
SEC. 15

(11) WATER LEVEL: Completed well.

Depth at which water was first found 40 ft.
Static level 20 ft. below land surface. Date 6-15-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12"
Depth drilled 150 ft. Depth of completed well 150 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
BRN SANDY FINE	0	4	
BRN CLAY	4	31	
GREEN CLAY	31	40	
GREEN CLAY & BK SAND	40	62	40
GREEN CLAY	62	95	
BK CLAY (CONG. #18)	95	105	30
VERY COARSE PARTICULATED GRAVEL	105	150	20

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FEB 23 2008

WATER RESOURCES DEPT
SALEM OREGON

Work started 6-14 1977 Completed 6-15 1977
Date well drilling machine moved off of well 6-15 1977

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] W. H. Williams Date 6-30, 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 864

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name W. H. Williams & Son
(Person, firm or corporation) (Type or print)

Address 538 W. Highland
[Signed] W. H. Williams
(Water Well Contractor)

Contractor's License No. 483 Date 7/24, 1977

HARN
50318

13

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

WELL I.D. # L19168
START CARD # 106124

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

(1) OWNER: Well Number _____
Name Roger & Virginia Harvath
Address P.O. Box 3030
City Princeton State OR Zip 97121

(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 203 ft.
Explosives used Yes No Type _____ Amount _____

HOLE				SEAL			
Diameter	From	To	Material	From	To	Size of gravel	
20"	0	20'	Gravel	0	20'	2.6	
12"	20'	203'					

How was seal placed: Method A B C D B
 Other _____
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: 12"	12"	203'	250	<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"/>

Final location of shoe(s) 203'

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Telepipe size	Casing	Liner
NONE							

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailor Air Flowing Artesian

Yield gal/min: _____ Drawdown: _____ Drift stem at _____ Time: _____

950 44 6 hr 6 hr

Temperature of water 56 Depth Artesian Flow Found _____

Was a water analysis done? Yes By whom _____

Did any strata contain water not suitable for intended use? No Too little

Salty Muddy Odor Colored Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Hatney Latitude _____ Longitude _____
Township 27 X or S Range 34 E or W WM
Section 5 NW 14 SE 14
Tax Lot 600 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address): Princeton Spur Rd.

(10) STATIC WATER LEVEL:
14 ft. below land surface. Date 6-24-98
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 21'

From	To	Estimated Flow Rate	SWL
21'	23'	5 GPM	14"
96'	124'	100 GPM	14"
203'	203'	1200	14"

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Top Soil Sandy loam	0	3'	
Brown Clay	3'	96'	14
Brown Sand	96'	124'	
Brown Clay	124'	162'	
Grey Clay	162'	203'	14
Coarse sand	203'	203'	14

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WATER RESOURCES DEPT.
SALEM, OREGON

FEB 20 2000

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SALEM, OREGON

Date started 4-14-98 Completed 6-24-98

(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.

Signed George Valentini WWC Number 11675 Date 7-16-98

(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.

Signed Joe Valentini WWC Number 1435 Date 7-16-98



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: Kenneth Thomas Paula J. Thomas
Mailing Address: P O Box 864
City: Crane State: OR Zip: 97732 Day Phone: 541-493-2776

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:
<u>27S</u>	<u>34E</u>	<u>16</u>	<u>W ½</u>	<u>2900</u>	<u>EFRU-1</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	<u>Irrigation of alfalfa</u>
						<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, or used. Harney Co.

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 Ground Water Surface Water (name) _____

Estimated quantity of water needed: 850 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: I will irrigate with a low pressure center pivot in the most efficient manner possible.

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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DEC 23 2008

WATER RESOURCES DEPT
SALEM OREGON

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): 3.010

- 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.

Name: Daranga Johnson Title: Planning Assistant
 Signature: [Signature] Phone: (541) 573-0174 Date: 15 Feb 2008
 Government Entity: Harney County Planning Department

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

RECEIVED

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

FEB 20 2008
**WATER RESOURCES DEPT
 SALEM OREGON**