

Application for a Permit to Use Ground Water



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

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Water-Use Permit Application Processing

AUG 22 2012

1. Completeness Determination

SALEM, OR

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

2. Initial Review

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

3. Public Notice

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

4. Proposed Final Order Issued

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

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$300.00 for the applicant and \$600.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

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

Application for a Permit to Use Ground Water



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725 Summer Street NE, Suite A
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SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME JAMES & SUE GILMOUR		541-979-4124	
PHONE (WK)	CELL 541-928-5556	FAX	
ADDRESS 30427 STELLMACHER DRIVE			
CITY ALBANY	STATE OR	97321	E-MAIL*

Organization Information

NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL*

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

AGENT / BUSINESS NAME SCOTT D. MONTGOMERY		PHONE 541-548-5833	FAX 541-585-4602
ADDRESS PO BOX 767			CELL 541-420-0401
CITY TERREBONNE	STATE OR	ZIP 97760	E-MAIL* SCOTT@APEANDS.COM

Note: Attach multiple copies as needed

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

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By my signature below I confirm that I understand:

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

AUG 22 2012

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


Applicant Signature

Applicant Signature

James Gilmour
Print Name and title if applicable

8-17-12
Date

Sue Gilmour
Print Name and title if applicable

8-17-12
Date

For Department Use		
App. No. <u>G-17578</u>	Permit No. _____	Date _____

SECTION 2: PROPERTY OWNERSHIP

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

- Yes
 - There are no encumbrances.
 - This land is encumbered by easements, rights of way, roads or other encumbrances.
- No
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.
 - Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
 - Water is to be diverted, conveyed, and/or used only on federal lands.

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

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
Well 1	Malheur Lake		
Well 3	Malheur Lake		
Well 4	Malheur Lake		
Well 2	Malheur Lake		

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

Wells 1 to 4 are connected to the system to irrigate the pivot in Section 1 T27S R33E and Well 2 is connected to the wheel lines in Section 5 T27S R34E

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G-17575

SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Malheur Lake Basin

Total maximum rate requested: 1.57 (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

6-175-26

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
Well 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HARN 51541	<input type="checkbox"/>	12"	+2' to 120'	60' to 120'	0 to 18'	12' 2/3/09	Malheur Lake Basin	120'		
Well 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HARN 51070	<input type="checkbox"/>	12"	+2' to 78'	60' to 120'	0 to 20'	22' 6/6/04	Malheur Lake Basin	145'		
Well 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HARN 51069	<input type="checkbox"/>	12"	+2 to 78'		0 to 31'	9' 7/9/04	Malheur Lake Basin	130'		
Well 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HARN 51764	<input type="checkbox"/>	12"	+1 to 59'	59' to 139'	0 to 20'	17' 2/17/11	Malheur Lake Basin	140'		
Well 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HARN 50318	<input type="checkbox"/>	12"	+1 to 202'		0 to 20'	14.58' 5/2/12	Malheur Lake Basin	208'		

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

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

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

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	Mar - Oct	122.1

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

For irrigation use only:

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

Primary: 40.7 Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

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

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

SECTION 5: WATER MANAGEMENT

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A. Diversion and Conveyance

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

AUG 22 2012

Pump (give horsepower and type): 4 turbines w/40 hp each & 1 turbine w/75 hp

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Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Water will be pumped from Wells 1 to 4 and conveyed by buried pipe to the center pivot sprinkler. Water will be pumped from Well 2 in Section 5 and conveyed by buried pipe to wheel line sprinklers.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)
Handline Low pressure center pivot & wheel lines

C. Conservation

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

We are requesting 3.0 af per acre irrigation for alfalfa hay. Low pressure heads will help prevent scouring & erosion & reduce waste.

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

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

Reservoir name: _____ Acreage inundated by reservoir: _____

Use(s): _____

GI-17575

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

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

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

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: Summer 2012
 Date construction will be completed: Spring 2013
 Date beneficial water use will begin: Fall 2013

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SECTION 9: WITHIN A DISTRICT

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

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

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

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

WELL I.D. # L 51610
 START CARD # 155752

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

(1) **LAND OWNER** Well Number _____
 Name Fred Kreyer
 Address 57935 Lava Bed Rd
 City Princeton State Or Zip 97721

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
16	0	20	Bentonite	20	165	165
12	28	145	-	-	-	-

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:**

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12	28	28	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"/>

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

(7) **PERFORATIONS/SCREENS:**

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

Yield gal/min	Drawdown	Drill stem at	Time
500+	52	92	1 hr.

Pump Bailer Air Flowing Artesian

Temperature of water 68 Depth Artesian Flow Found _____
 Was a water analysis done NO Yes By whom _____
 Did any strata contain water not suitable for intended use? NO Too little
 Salty Muddy Odor Colored Other _____

(9) **LOCATION OF WELL** by legal description:
 County Harney Latitude _____ Longitude _____
 Township 27S N of S Range 33E E of W. WM.
 Section 1 NW 1/4 NW 1/4
 Tax Lot 200 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 57935 Lava Bed Rd Princeton Or 97721

(10) **STATIC WATER LEVEL:**
22 ft. below land surface. Date 6-18-04
 Artesian pressure _____ lb. per square inch Date _____

(11) **WATER BEARING ZONES:**

Depth at which water was first found 129

From	To	Estimated Flow Rate	SWL
129	143	500	22

(12) **WELL LOG:** Ground Elevation _____

Material	From	To	SWL
Top Soil	0	7	-
Brown clay	7	34	-
Brown Black			-
Sand	34	55	-
Black clay	55	70	-
Blue claystone	70	129	-
Hard Brown + Green claystone			
Fractured	129	143	22
Blue clay	143	145	22

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 WATER RESOURCES DEPT
 SALEM, OREGON

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Date started 6-6-04 Completed 6-18-04
 (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 _____ WWC Number _____
 Date _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

6-17576

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

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

HARN
51069

WELL I.D. # L 26620
 START CARD # 155953

(1) **LAND OWNER** Well Number _____
 Name Fred Kregen
 Address 57935 Lava Bed Rd
 City Princeton State Or Zip 97721

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

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
16	0	31	Bent	0	31	17
12	12	130	-	-	-	-

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:**

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12	12	28	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"/>

Drive Shoe used Inside Outside None
 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"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian Time
400+	70'	80'	1 hr.

Pump Bailer Air Flowing Artesian

Temperature of water 66 Depth Artesian Flow Found _____
 Was a water analysis done? No 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 Marney Latitude _____ Longitude _____
 Township 27S N or S Range 33E E or W. WM.
 Section 1 NW 1/4 NW 1/4
 Tax Lot 200 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 57935 Lava Bed Rd
Princeton, Or. 97721

(10) **STATIC WATER LEVEL:**
9 ft. below land surface. Date 7-12-04
 Artesian pressure _____ lb. per square inch Date _____

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

From	To	Estimated Flow Rate	SWL
8.5	128	400	9

(12) **WELL LOG:**
 SALEM, OR Ground Elevation _____

Material	From	To	SWL
Top Soil	0	7	0
Brown Sand	7	16	-
Brown Clay	16	38	-
Grey Sand	38	67	-
Green Clay	67	85	-
Broken Green Clay w/cinder			
Lavas (w/B)	8.5	128	9
Grey Clay	128	130	9

RECEIVED
 JUL 15 2004
 WATER RESOURCES DEPT
 SALEM, OREGON

RECEIVED
 AUG 05 2004
 WATER RESOURCES DEPT
 SALEM, OREGON

Date started 7-9-04 Completed 7-12-04

(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 521

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

02-17-2011

WELL LABEL # L 88119

START CARD # 185605

(1) LAND OWNER

Owner Well I.D. _____

First Name JIM Last Name GILMOUR
Company
Address 30427 SW STELLMACHER
City ALBANY State OR Zip 97321

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

(3) DRILL METHOD

[] Rotary Air [] Rotary Mud [X] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE

[] Domestic [X] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy)

Depth of Completed Well 140.00 ft.

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, sacks/lbs. Row 1: 32, 0, 20, Cement, 0, 20, 62, S.

How was seal placed: Method [] A [] B [] C [] D [] E

[X] Other Tremie Pipe

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

Filter pack from 0 ft. to 140 ft. Material Gravel Size pea gravel

Explosives used: [] Yes Type _____ Amount _____

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thr. Row 1: 24, 1, 19, .250, [X], [], [], [].

Shoe [] Inside [] Outside [] Other Location of shoe(s) _____

Temp casing [] Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type Johnson Material Stainless

Table with columns: Perf/S, Casing/Screen, Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size. Row 1: Screen, Liner, 12, 59, 139, 80, 80, 12.

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

[X] Pump [] Bailer [] Air [] Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 950, 83, 120, 10.

Temperature 59 °F Lab analysis [] Yes By _____

Water quality concerns? [] Yes (describe below)

Table with columns: From, To, Description, Amount, Units.

(9) LOCATION OF WELL (legal description)

County Harney Twp 27.00 S N/S Range 33.00 E E/W WM
Sec 1 NW 1/4 of the NW 1/4 Tax Lot 200
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
[] Street address of well [] Nearest address

57935 LAVA BED RD, PRINCETON; ALSO SECTION 2

(10) STATIC WATER LEVEL

Table with columns: Date, SWL(psi), SWL(ft). Row 1: 08-05-2008, 17.

WATER BEARING ZONES Depth water was first found 28

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Row 1: 07-08-2008, 28, 140, 17.

(11) WELL LOG

Table with columns: Material, From, To, Ground Elevation. Rows include Top Soil, Brown Clay, Gray Clay / Fine Sand, Green Clay, Blue Clay / Coarse Sand.

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Date Started 06-17-2008 Completed 08-05-2008

(unbonded) 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.

License Number _____ Date _____

Electronically Filed

Signed _____

(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.

License Number 1675 Date 02-17-2011

Electronically Filed

Signed GEORGE VALENTINE (E-filed)

Contact Info (optional)

61-17575

HARN 51541

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 96564

START CARD # 1006152

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

(1) LAND OWNER Owner Well I.D. _____
 First Name Jim Last Name Gilmour
 Company _____
 Address 30427 S.W. Stellmacher
 City ALBANY State OR Zip 97321

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard: Yes (attach copy)
 Depth of Completed Well 120 ft.

BORE HOLE			SEAL			Amount	Units
Dia	From	To	Material	From	To		
22"	0	18	Bentonite	0	18		lbs
22"	18	120					

How was seal placed: Method A B C D E
 Other Poured DRY & Tamped
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from 0 ft. to 120 ft. Material Ag gravel Size 3/8
 Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

Casing	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X	X	12"		+2	120	.250	X			X
X	X	20"		+1	20	.250	X			

Shoe Inside Outside Other Location of shoe(s) _____
 Temporary casing Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS
 Perforations Method Saw cut Steel
 Screens Type Rossco 55 Material Stainless

Perf	Scrn	Casing	Linr	Screen Dia	From	To	Screen/ slot width	Slot length	# of slots	Tele/ pipe size
X	X		X	12"	100	120	3"	480		
X	X		X	12"	60	100	1/25	cont.	2	

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
 Yield gal/min 20 Drawdown 10' Drill stem/Pump depth _____ Duration (hr) 1 hr

Temperature 59 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
 County HERNEY Twp 27 N or S Range 33 E or W W.M.
 Sec 1 NW 1/4 of the NW 1/4 Tax Lot 200
 Tax Map Number 200 Lot _____
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD

Street Address of Well (or nearest address) 57935 Lava Bed Rd. Princeton

(10) STATIC WATER LEVEL

Existing Well/Predeepening	Date	SWL (psi)	+	SWL (ft)
Completed Well	<u>1-28-09</u>			<u>2 12</u>

Flowing Artesian? Yes Dry Hole? Yes

WATER BEARING ZONES Depth water was first found 35

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>1-28-09</u>	<u>35</u>	<u>120</u>	<u>600</u>			<u>2 12</u>

(11) WELL LOG Ground Elevation _____

Material	From	To
<u>clay brown topsoil</u>	<u>0</u>	<u>2</u>
<u>clay blk</u>	<u>2</u>	<u>35</u>
<u>clay green</u>	<u>35</u>	<u>40</u>
<u>clay blk</u>	<u>40</u>	<u>43</u>
<u>clay green</u>	<u>43</u>	<u>75</u>
<u>sand fine blk</u>	<u>75</u>	<u>85</u>
<u>clay stone green</u>	<u>85</u>	<u>100</u>
<u>silt grey</u>	<u>100</u>	<u>110</u>
<u>clay green</u>	<u>110</u>	<u>120</u>

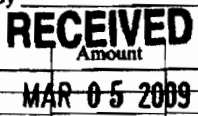
Date Started 1-21-09 Completed 1-28-09

(unbonded) 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 are to the best of my knowledge and belief.

License Number _____ Date AUG 22 2012
 Signed _____

(bonded) Water Well Constructor Certification **SALEM, OR**
 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.

License Number 1424 Date 2-3-09
 Signed [Signature]
 Contact Info. (optional) _____



G-17575

HARN
50318

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

WELL I.D. # L18168
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 97721

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

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or
20"	0	20'	adent	0	20'	26
12"	20'	208'				

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:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12"	+12"	202'	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Linor:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 202'

(7) PERFORATIONS/SCREENS:

From	To	Stat sh	Number	Diameter	Material	Tele/pipe sh	Casing	Linor
NONE								

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

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
950	44		6 hr 6 hr
Temperature of water 56			Depth Artesian Flow Found _____
Was a water analysis done? <input type="checkbox"/> Yes By whom _____			
Did any strata contain water not suitable for intended use? <input checked="" type="checkbox"/> Too little			
<input type="checkbox"/> Salty <input type="checkbox"/> Muddy <input type="checkbox"/> Odor <input type="checkbox"/> Colored <input type="checkbox"/> Other _____			
Depth of strata: _____			

(9) LOCATION OF WELL by legal description:
County Harney Latitude _____ Longitude _____
Township 27 X or S Range 34 E or W
Section 5 NW 14 SE 1/4
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'	208'	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'	
Gray clay	162'	202'	14
Coarse sand	202'	208'	14

RECEIVED RECEIVED BY OWRD

JUL 21 1998

AUG 22 2012

WATER RESOURCES DEPT.
SALEM, OREGON

SALEM, OR

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 1675 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

G-17575

600
127

20080683
WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS THAT, PAUL J. NEIBERGS AND SERAFINA NEIBERGS, as tenants by the entirety, Grantors for and in consideration of the sum of THREE HUNDRED TEN THOUSAND AND 00/100 Dollars (\$310,000.00) to me paid by the grantee herein, do hereby grant, bargain, sell and convey unto, JAMES LEE GILMOUR, Grantee, the following tract of land in the County of Harney and State of Oregon, more particularly described as follows:

Township 27 South, Range 34 East, Willamette Meridian
Section 5: Parcel 2 of Partition Plat No. 06-07-190, recorded
July 31, 2006, as Instrument No. 20061626, Harney
Plat records.

TO HAVE AND TO HOLD the granted premises unto the said Grantee, his heirs and assigns forever.
And the Grantors do covenant they are lawfully seized in fee simple of the above granted premises free from all encumbrances EXCEPT:

- 1. Easements, reservations, restrictions of record.
- 2. Tax roll disclose that the described premises are specially assessed as Farm Use Land.

and they will, their heirs, executors and administrators, shall Warrant and forever defend the granted premises against the lawful claims and demands of all persons, except as above stated.

WITNESS my Hand and Seal this 24 day of April, in the year Two Thousand and Eight.

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

Paul J. Neibergs
PAUL J. NEIBERGS
Serafina Neibergs
SERAFINA NEIBERGS

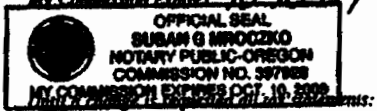
STATE OF OREGON
COUNTY OF *Deschutes*

BE IT REMEMBERED, that on this 24 day of April 2008, before me, the undersigned, a Notary Public in and for said County and State, personally appeared the within named PAUL J. NEIBERGS AND SERAFINA NEIBERGS, to me known to be the individuals described in and who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein mentioned.

Shawn



Notary Public for the State of Oregon
My Commission Expires: 10-16-09



James L. Gilmour
30427 SW Spellmacher
Albany, Or 97321

After Recording Return To:
James L. Gilmour
30427 SW Spellmacher
Albany, Or 97321

STATE OF OREGON
County of Harney
I certify that the instrument described herein was recorded on this 24 day of April, 2008, as Instrument No. 20080683 in the County Clerk's Office of Harney County, Oregon.
Marie Harrington
Marie Harrington, County Clerk
[Signature] Deputy

RECEIVED BY OWRD
AUG 22 2012
SALEM, OR

G-47575

200
126
273300 3

20070468
WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS THAT, FRED KREGER AND CONNIE KREGER, husband and wife, Grantors for and in consideration of the sum of TWO HUNDRED TEN THOUSAND AND 00/100 Dollars (\$210000.00) to me paid by the grantees herein, do hereby grant, bargain, sell and convey unto, JAMES L. GILMOUR AND MARVIN J. GILMOUR, not as tenants in common, but with the right of survivorship, that is fee shall vest in the survivor, Grantees, the following tract of land in the County of Harney and State of Oregon, more particularly described as follows:

Township 27 South, Range 33 East, Willamette Meridian
Section 1: Government Lots 3 and 4, and the SE1/4NW1/4.
Section 2: Government Lot 1.

TO HAVE AND TO HOLD the granted premises unto the said Grantees, their, heirs and assigns forever.
And the Grantors do covenant they are lawfully seized in fee simple of the above granted premises free from all encumbrances EXCEPT:

1. Easements, reservations & restrictions of record.
2. The rights of the public in roads and highways.
3. The described premises is specially assessed as Farm Use Land.
4. Any mobile home on premises, is subject to registration.
5. Right of way for road, Recorded February 20, 1947, in Book 45, Page 480.

and they will, their heirs, executors and administrators, shall Warrant and forever defend the granted premises against the lawful claims and demands of all persons, except as above stated.

WITNESS my Hand and Seal this 18th day of February, in the year Two Thousand and Seven.

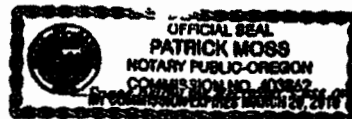
This instrument will not allow use of the property described in this instrument in violation of applicable land use laws and regulations. Before signing or accepting this instrument, the person acquiring fee title to the property should check with the appropriate city or county planning department to verify approved uses and to determine any limits on interests against Farming or Forest practice as defined in ORS 30.030

Fred Kreger
FRED KREGER
Connie Kreger
CONNIE KREGER

STATE OF OREGON
COUNTY OF HARNEY

BE IT REMEMBERED, that on this 18th day of February 2007, before me, the undersigned, a Notary Public in and for said County and State, personally appeared the within named FRED KREGER AND CONNIE KREGER, to me known to be the individuals described in and who executed the within and foregoing instrument and acknowledged to me that they executed the same of their free and voluntary act and deed for the uses and purposes therein mentioned.

Patrick Moss
Notary Public for the State of Oregon
My Commission Expires: 3/20/2010



Until a change is requested all tax statements:
James Gilmour
Marvin Gilmour
30427 SW Stellmacher Rd.
Albany, Or 97321

After Recording Return To:
James Gilmour
Marvin Gilmour
30427 SW Stellmacher Rd.
Albany, Or 97321

RECEIVED BY OWNER STATE OF OREGON
County of Harney

AUG 22 2012

SALEM, OR

I certify that the within instrument was received for record on the 22nd day of August 2012 at 2:00 o'clock PM recorded Microfilm number: 2051268
By: [Signature] County Clerk
By: [Signature] Deputy

G-17575

Land Use

Information Form



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

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 jurisdiction(s) 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. Please be aware that your application will not be approved without land use approval.

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) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; **and**
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying 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.

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AUG 22 2012

SALEM, OR

Land Use Information Form



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

Applicant: James & Sue

First

Gilmoure

Last

Mailing Address: 30427 Stellmacher Drive

Albany

City

OR

State

97321

Zip

Daytime Phone: 541-928-5556

A. Land and Location

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

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
27S	33E	1	NE NW	200	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	Irr
27S	33E	1	SW NW	200	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	Irr
27S	33E	1	SW NE	200	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irr
27S	34E	5	SW NW	601	EFU	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	Irr
27S	34E	5	NW NW	601	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	Irr

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

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Harney

AUG 22 2012

SALEM, OR

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
 Permit Amendment or Ground Water Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

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

Estimated quantity of water needed: 122.1 _____ 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:

Water is to be pumped from 1 well to 1 field in Section 5 & pumped from 3 wells to part of a pivot field in Sect

G-175-75

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 the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): EFRU-1 - HCZO 3.010.
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

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

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

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AUG 22 2012

SALEM, OR

Name: Brandon McMullen Title: Planning Director

Signature:  Phone: 541-573-6655 Date: 8/16/2012

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

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

G-17575

Date _____

(For staff use only)



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

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

- SECTION 1: _____
- SECTION 2: _____
- SECTION 3: _____
- SECTION 4: _____
- SECTION 5: _____
- SECTION 6: _____
- SECTION 7: _____
- SECTION 8: _____
- SECTION 9: _____
- Land Use Information Form _____
- 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.
- Fees _____

RECEIVED BY OWRD

AUG 22 2012

SALEM, OR

MAP

- Permanent quality and drawn in ink
- Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
- North Directional Symbol
- Township, Range, Section, Quarter/Quarter, Tax Lots
- Reference corner on map
- Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/or number.
- Indicate the area of use by Quarter/Quarter and tax lot clearly identified
- Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
- Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)
- Other _____

G-17575