

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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME M. MARTIN & ANDREA L. DAVIES		PHONE (HM) 541-493-2431	
PHONE (WK) 541-493-2431	CELL NONE	FAX NONE	
ADDRESS 48647 Hwy. 78			
CITY PRINCETON	STATE ORE	ZIP 97721	E-MAIL NONE

Organization Information

NAME SAME AS ABOVE		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 SAME AS ABOVE		PHONE		FAX
ADDRESS				CELL
CITY	STATE	ZIP	E-MAIL	

Note: Attach multiple copies as needed

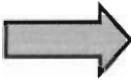
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By my signature below I confirm that I understand:

- 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.

WATER RESOURCES DEPT
SALEM, OREGON

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


Applicant Signature

Applicant Signature

M. MARTIN DAVIES
Print Name and title if applicable
ANDREA L. DAVIES
Print Name and title if applicable

4 SEPT. 10
Date
4 SEPT. 10
Date

For Department Use		
App. No. G-17441	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
L96835	MALHEUR LAKE		

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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*).

See attached Well Log.

SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: unknown

Total maximum rate requested: 6 CFS (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.

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)
L96835	☐	☒	L96835	☒	16"	TO 118'	N/a	0' TO 118'	9-19-2010 46'	Alluvial Fill	232	unkn	unkn.
unkn	☐	☐		☐	12"		unkn till	drilled					
unkn	☐	☐		☐	12"		unkn till	drilled.					
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									

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1144-10

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

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

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

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
irrigation	March 1 - October 31	1290

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: 430 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: 1290

- 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

A. Diversion and Conveyance

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

☒ Pump (give horsepower and type): unkn

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. MOVING WATER WITH MAINLINE TO

WHEEL LINES

B. Application Method

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

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.

NEEDED TO RAISE CROPS/LIVESTOCK FEED. NONE DIVERTED, NO
STREAMS OR SURFACE WATER WITHIN 20 MILES

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N/A ~~MO~~ 4 SEPT. 10

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): _____

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

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

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

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

Annual volume (acre-feet): _____ N/A

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: 9-19-2010 (well drilled)

Date construction will be completed: unkn

Date beneficial water use will begin: When permit is recieved

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SALEM, OREGON

SECTION 9: REMARKS

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

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HARN 51571

Harn
51571

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

WELL ID. # L-31607
START CARD # 106613

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

(1) OWNER: Well Number
Name JOHN E MARY & DAVIES
Address P.O. Box 3005
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 300 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE SEAL
Diameter From To Material From To Sacks or pounds
20 0 26.5 BENTONITE 0 26.5 103
16 26.5 300

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other DRY GRANULAR BENTONITE POURED & TAMPED

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: 16 0 26.5 250 ☒ ☐ ☒ ☐
Liner: ☐ ☐ ☐ ☐ ☐ ☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☐ Screens Type _____ Material _____
From To Slot Size Number Diameter Tube/pipe size Casing Liner
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

☐ Pump ☐ Bailor ☒ Air ☐ Flowing
Yield gal/min Drawdown Drill stem at Time
1000 + _____ 299 1 hr.

Temperature of water 59° Depth Artesian Flow Pound _____
Was a water analysis done? ☐ Yes By whom _____
Did any strata contain water not suitable for intake? ☐ Yes ☐ No
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County HARNEY Latitude _____ Longitude _____
Township 27S N or S Range 35E E or W. WM.
Section 12 NW 1/4 SE 1/4
Tax Lot 1000 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 711 N. NE. on PRIVATE Road
FROM MILE POST 45 1/2 ON HIGHWAY 78

(10) STATIC WATER LEVEL:
29.5 ft. below land surface. Date 5-4-02
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 41

From	To	Estimated Flow Rate	SWL
<u>41</u>	<u>41</u>	<u>TRACE</u>	<u>N/A</u>
<u>97</u>	<u>129</u>	<u>100T</u>	<u>29 1/2</u>
<u>190</u>	<u>300</u>	<u>1000T</u>	<u>29 1/2</u>

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
<u>SANDY LOAM</u>	<u>0</u>	<u>2</u>	<u>0</u>
<u>RED CLAY</u>	<u>2</u>	<u>16</u>	
<u>BROWN CLAY</u>	<u>16</u>	<u>21</u>	
<u>GRAY VOLCANIC ASK</u>	<u>21</u>	<u>52</u>	
<u>PURPLE BASALT</u>	<u>52</u>	<u>57</u>	
<u>BLACK BASALT</u>	<u>57</u>	<u>77</u>	
<u>GREEN CLAYSTONE</u>	<u>77</u>	<u>83</u>	
<u>GRAY CLAYSTONE</u>	<u>83</u>	<u>121</u>	<u>29 1/2</u>
<u>BLACK RED LAVA</u>	<u>121</u>	<u>129</u>	
<u>BLACK CLAYSTONE</u>	<u>129</u>	<u>142</u>	
<u>GRAY CLAYSTONE</u>	<u>142</u>	<u>154</u>	
<u>BROWN CLAYSTONE</u>	<u>154</u>	<u>159</u>	
<u>BLACK BASALT</u>	<u>159</u>	<u>175</u>	
<u>BLACK/RED BASALT</u>	<u>175</u>	<u>183</u>	
<u>BROWN BASALT</u>	<u>183</u>	<u>201</u>	
<u>RED LAVA / BROKEN</u>	<u>201</u>	<u>207</u>	
<u>BROWN BASALT</u>	<u>207</u>	<u>231</u>	
<u>RED LAVA / BROKEN</u>	<u>231</u>	<u>260</u>	
<u>BROWN BASALT</u>	<u>260</u>	<u>283</u>	
<u>GRAY CLAYSTONE</u>	<u>283</u>	<u>300</u>	

Date started 2-10-02 Completed 5-4-02

(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 773

Signed John Otter Date 5-5-02

ORIGINAL & FIRST COPY-WATER RESOURCES DEPT. SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER
SALEM, OREGON

G-17441

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DEC 2 2010STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)WELL I.D. # L 26619
START CARD # 155954

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

(1) LAND OWNER _____ Well Number _____
Name Leo Davies
Address P.O. Box 3005
City Prineetown 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 195 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
18"	0	32	Bent	0	32	26 Sacks
14	32	195	-			-
12	195	195				

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: 14	0	50	250	☒	☐	☒	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐

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
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

Yield gal/min	Drawdown	Drill stem at	Time
500+	120	146	1 hr.

Temperature of water 61 Depth Artesian Flow Found _____Was a water analysis done ☒ Yes By whom _____Did any strata contain water not suitable for intended use? ☒ No ☐ Too little☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Harney Latitude _____ Longitude _____
Township 27 S Range 35 E Section 18 SW 1/4 NE 1/4
Tax Lot 1500 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 9 mi SE of Prineetown 1 mile North

(10) STATIC WATER LEVEL:

26 ft. below land surface. Date 7-20-04
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL
145	190	500	26

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Top Soil			
Brown Clay	0	18	-
Brown Sand	18	26	-
Hard Grey Basalt	26	63	-
Medium Brown Basalt	63	145	-
Red Brown + Green Graders w/ White			
Yellow Clay	145	190	26
Hard Grey Basalt	190	195	26

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WATER RESOURCES DEPT
SALEM, OREGONDate started 7-16-04 Completed 7-20-04

(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.

Signed Donald W. Read WWC Number 1521 Date 7-31-04

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NOTICE TO WATER WELL CONTRACTOR

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

WATER WELL REPORT

STATE ENGINEER, SALEM 10, OREGON
within 30 days from the date
of well completion.

STATE OF OREGON
(Please type or print)

State Well No. 27/35-17B

State Permit No.

(1) OWNER:

Name Maurice Davies

Address Princeton, Oregon

(2) LOCATION OF WELL:

County Harney Driller's well number

NW 1/4, NE 1/4, Section 17, T. 27 R. 35 W.M.

Bearing and distance from section or subdivision corner

About 3/4 mile west of the
corner of S. 18.

(3) TYPE OF WORK (check):

Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
Abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:

Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:

Threaded ☐ Welded ☒

12" Diam. from 0 ft. to 176 ft. Gage 1"

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

(7) 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.

perforations from ft. to ft.

perforations from ft. to ft.

(8) SCREENS:

Well screen installed ☐ Yes ☒ No

Manufacturer's Name

Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well seal—Material used in seal puddled clay

Depth of seal 18 ft. Was a packer used? No

Diameter of well bore to bottom of seal 15" in.

Were any loose strata cemented off? ☐ Yes ☒ No Depth

Was a drive shoe used? ☒ Yes ☐ No

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

Did any strata contain unusable water? ☒ Yes ☐ No

Type of water? sandy Depth of strata 61'

Method of sealing strata off casing

(10) WATER LEVELS:

Static level 58 ft. below land surface Date Sept. 28

Artesian pressure lbs. per square inch Date

(11) 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: 650 gal./min. with 47 ft. drawdown after 3 hrs.

" " " "

" " " "

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

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:

Diameter of well below casing 12"

Depth drilled 275 ft. Depth of completed well 275 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.

MATERIAL	FROM	TO
Topsoil brown	0	2
coarse sand light brown	2	4
clay—brown, sandy	4	61
sandstone—brown & water	61	70
gravel—medium brown & clay	70	97
sand—fine, grey & brown		
clay with water	97	127
medium gravel—brown clay	127	164
clay yellow	164	174
clay blue	174	203
lava rock—red & black—soft	203	214
brown sandstone with trace		
of gravel	214	219
soft, black lava rock	219	227
hard, black lava rock	227	253
black lava rock & yellow clay	253	256
black lava rock & brown clay	256	263
black lava rock & red clay	263	266
yellow clay	266	270

lava rock—red, yellow & black
with blue clay 270 275

water bearing from 2148 with

heaviest flow at 263'

Work started July 23 1963 Completed Sept. 22 1963

Date well drilling machine moved off of well Oct. 3 1963

(13) PUMP:

Manufacturer's Name

Type: H.P.

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 Skinner & Sons
(Person, firm or corporation) (Type or print)

Address P.O. Box 7 Crane, Oregon

Drilling Machine Operator's License No. 277

[Signed] Mrs. Forrest Skinner
(Water Well Contractor)

Contractor's License No. 372 Date Oct. 4, 1963

(USE ADDITIONAL SHEETS IF NECESSARY)

G-17441

HARN 50793
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STATE OF OREGON

WATER SUPPLY WELL REPORT APR 19 2002

(as required by ORS 537.765)

Instructions for completing this report are on the back of this form.

WELL ID. # L 5142-3
START CARD # 129173

(1) LAND OWNER

Name Law Davies
Address P.O. Box 3005
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 165 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
<u>8 1/2</u>	<u>0</u>	<u>30</u>	<u>Grout</u>	<u>0</u>	<u>30</u>	<u>34</u>
<u>12</u>	<u>30</u>	<u>165</u>				

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:	<u>16</u>	<u>12</u>	<u>30</u>	<u>250</u>	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

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
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

	☐ Pump	☐ Bailer	☒ Air	☐ Flowing
	Yield gal/min	Drawdown	Drill stem at	Time
	<u>1000</u>	<u>130</u>	<u>159</u>	<u>2hr.</u>

Temperature of water 61 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 Harney Latitude _____ Longitude _____
Township 27S N or S Range 35E E or W. WM.
Section 18 NE 1/4 NW 1/4
Tax Lot 1000 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) MP 45 Hwy 78
Princeton, Or. 97720

(10) STATIC WATER LEVEL:

29 ft. below land surface. Date 4-13-02
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL
<u>79</u>	<u>88</u>	<u>300</u>	<u>29</u>
<u>88</u>	<u>165</u>	<u>700</u>	<u>29</u>

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
<u>Top Soil</u>	<u>0</u>	<u>3</u>	<u>-</u>
<u>Brown clay</u>	<u>3</u>	<u>24</u>	<u>-</u>
<u>Sand</u>			
<u>Hard Grey</u>			
<u>Basalt</u>	<u>24</u>	<u>79</u>	<u>-</u>
<u>Vesicular</u>			
<u>Grey + Red Basalt</u>	<u>79</u>	<u>88</u>	<u>29</u>
<u>Brown clay Stone</u>			
<u>w/ Sand Stone</u>			
<u>Seams</u>	<u>88</u>	<u>165</u>	<u>29</u>

Date started 4-9-02 Completed 4-18-02

(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.

Signed Daniel D. Reed WWC Number 1521 Date 4-13-02

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ADDED TO FILE
DEC 2 2010

STATE OF OREGON

WATER SUPPLY WELL REPORT APR 19 2002

(as required by ORS 537.765)

Instructions for completing this report are on the back of this form.

WELL I.D. # L 51423
START CARD # 127173

(1) LAND OWNER

Name Lee Davies
Address P.O. Box 3005
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 165 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
<u>8 1/2</u>	<u>0</u>	<u>30</u>	<u>Ben's Cement</u>	<u>0</u>	<u>30</u>	<u>34</u>
<u>12</u>	<u>30</u>	<u>165</u>	<u>-</u>			

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:	<u>16</u>	<u>42</u>	<u>30</u>	<u>250</u>	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

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
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

	Yield gal/min	Drawdown	Drill stem at	Time
☐ Pump ☐ Bailer ☒ Air ☐ Flowing	<u>1000</u>	<u>130</u>	<u>159</u>	<u>2 hr.</u>

Temperature of water 61 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 Harney Latitude _____ Longitude _____
Township 27S N or S Range 35E E or W. W.M.
Section 18 NE 1/4 NW 1/4
Tax Lot 1000 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) MP 45 Hwy 78 Princeton, Or. 97720

(10) STATIC WATER LEVEL:

29 ft. below land surface. Date 4-13-02
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL
<u>29</u>	<u>88</u>	<u>300</u>	<u>29</u>
<u>88</u>	<u>165</u>	<u>700</u>	<u>29</u>

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
<u>Top Soil</u>	<u>0</u>	<u>3</u>	<u>-</u>
<u>Brown Clay</u>	<u>3</u>	<u>24</u>	<u>-</u>
<u>Sand</u>			
<u>Hard Grey Basalt</u>	<u>24</u>	<u>79</u>	<u>-</u>
<u>Vesicular Grey & Red Basalt</u>	<u>79</u>	<u>88</u>	<u>29</u>
<u>Brown Clay Stone w/ Sand Stone</u>			
<u>Seams</u>	<u>88</u>	<u>165</u>	<u>29</u>

Date started 4-9-02 Completed 4-18-02

(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.

Signed Daniel D. Reed WWC Number 1521 Date 4-13-02

G-17441

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: M. MARTIN DAVIES
ANDREA L. DAVIES

First

Last

Mailing Address: 48647 Highway 78

PRINCETON
City

ORE
State

97721
Zip

Daytime Phone: 541-493-2431

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:
<u>27S</u>	<u>35E</u>	<u>8</u>		<u>2800</u>	<u>EF2U-1</u>	☐ Diverted	☐ Conveyed	☒ Used	
		<u>17</u>		<u>2800</u>	<u>"</u>	☐ Diverted	☐ Conveyed	☒ Used	
		<u>18</u>		<u>2800</u>	<u>"</u>	☐ Diverted	☐ Conveyed	☒ Used	
						☐ Diverted	☐ Conveyed	☐ Used	

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

HARNEY COUNTY

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: _____ ☐ 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:

RAISING HAY, ALFALFA, + PASTURE

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WATER RESOURCES DEPT
SALEM, OREGON

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

See bottom of Page 3. →

For Local Government Use Only

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

Please check the appropriate box below and provide the requested information

☒ 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): EP20-1

☐ 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:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

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

Name: Bryan McMullen Title: Planning Director
 Signature: [Signature] Phone: 541-573-6655 Date: 7-23-2010
 Government Entity: Harney County

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

Receipt for Request for Land Use Information

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Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

DEC 01 2010
WATER RESOURCES DEPT
SALEM, OREGON

990966

MAY 07 1999

2800/113✓

2634

BARGAIN AND SALE DEED - CORRECTED

2400

2902/114 ✓

2635

800
1100 | 128 ✓

2735

MAURICE M. DAVIES and NORMA I. DAVIES, individually and as Trustees of the Maurice and Norma Davies Revocable Living Trust, grantors, convey to M. MARTIN DAVIES and ANDREA L. DAVIES, husband and wife, grantees, the following described real property:

Land in Harney County, Oregon, as follows:

In Twp 26 S., R 34 E., W.M.:

Sec. 24: SE1/4SW1/4 and SW1/4 SE1/4.

Sec. 36: NW1/4NE1/4.

Sec. 25: NW1/4; W1/2NE1/4; W1/2SE1/4; NE1/4SW1/4;
and N1/2NW1/4SW1/4.

In Twp 26 S., R 35 E., W.M.:

Sec. 31: S1/2NW1/4; S1/2NE1/4; and NE1/4SE1/4.

Sec. 32: NB1/4SW1/4.

In Twp 27 S., R 35 E., W.M.:

Sec. 5: NW1/4; W1/2SE1/4; and N1/2SW1/4.

Sec. 8: SW1/4NE1/4; SE1/4; SW1/4; and S1/2NW1/4.

Sec. 17: S1/2NE1/4; SE1/4; N1/2SW1/4; and NW1/4.

Sec. 18: NE1/4SE1/4.

Sec. 16: All.

Ref #10818, #10903, #10916

The true consideration for this conveyance is \$35,000.00. This Deed is a Correction Deed intended to correct that certain Bargain & Sale Deed dated January 15, 1998, recorded as Instrument #980088 on January 15, 1998, Harney County Deed Records.

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.

Maurice M Davies
MAURICE M. DAVIES

Norma I. Davies
NORMA I. DAVIES

STATE OF OREGON, Harney County,) ss.

This instrument was acknowledged before me by Maurice M. Davies and Norma I. Davies individually and as Trustees of the Maurice and Norma Davies Revocable Living Trust, on

May 7, 1999.



Notary Public for Oregon

STATE OF OREGON
County of Harney
I certify that the within instrument was received
for record on the 19th day of May, 1914, at 3:15 P. M. and
recorded Microfilm notation 123456.
Deed
Records of said County.
Marj Harrington, County Clerk
By Deed Baker Deputy

Grantors Names & Address: Maurice M. Davies & Norma I. Davies
HC 77, Box 17
Princeton OR 97721

Grantees Names & Address: M. Martin Davies & Andrea L. Davies
PO Box 7
Princeton OR 97721

After Recording Return To: Grantees
Send Tax Statements To: Grantees

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DEC 09 2010
WATER RESOURCES DEPT.
SALEM, OREGON

G-7441



Part of the JELD WEN Family

111 W. Washington
Burns, OR 97720
PHONE: 541-573-2039

FAX: 541-573-5844

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DEC 09 2010
WATER RESOURCES DEPT
SALEM, OREGON

To: HERB	From: Cori Wright
Fax: 503-986-0804	Pages: 2 INCLUDING COVER
Phone:	Date: December 9, 2010
Re: DEED - DAVIES	CC:
Ref # G 17441	

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

● **Comments:**

Please let me know if there is anything further you need.

Thank you!
Hope you have a great day!!

Cori for Davies

This Location Serves **HARNEY** County

AmeriTitle also has offices serving the following counties:

OREGON: Benton - Crook - Deschutes - Douglas - Hood River - Jackson - Klamath - Linn - Marion
Polk - Sherman - Umatilla - Wasco - Wheeler - Harney - Lake - Baker - Malheur - Yamhill
WASHINGTON: Kittitas - Klickitat

IDAHO: Valley - Blaine - Payette - Washington - Bannock - Bingham - Bonneville - Clark - Jefferson - Power

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G-17441

STATE OF OREGON

COUNTY OF

HARNEY

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CERTIFICATE OF WATER RIGHT

WATER RESOURCES DEPT
SALEM, OREGON**This is to certify, That** M. M. DAVIES

of P. O. Box 10 S., Princeton, State of Oregon 97721, has made
proof to the satisfaction of the Water Resources Director, of a right to the use of the waters of
a well

a tributary of South Fork Malheur River for the purpose of
irrigation of 114.5 acres

under Permit No. G-7312 and that said right to the use of said waters has been perfected in
accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from
March 14, 1977
that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is
limited to an amount actually beneficially used for said purposes, and shall not exceed
1.43 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the well. The well is
located in the NW 1/4 NW 1/4, Section 17, T27S, R35E,
WM; 30 feet South and 540 feet East from NW Corner Section 17.

The amount of water used for irrigation, together with the amount secured under any other right
existing for the same lands, shall be limited to one-eightieth of one cubic foot per second
per acre, or its equivalent for each acre irrigated and shall be further
limited to a diversion of not to exceed 3 acre-feet per acre for each acre
irrigated during the irrigation season of each year

and shall
conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is
appurtenant, is as follows:

38.8 acres NW 1/4 NW 1/4
39.0 acres SW 1/4 NW 1/4
Section 17
36.7 acres SE 1/4 NE 1/4
Section 18
Township 27 South, Range 35 East, WM

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein
described.

WITNESS the signature of the Water Resources Director, affixed

this date. May 29, 1984

William H. Young

Water Resources Director

Recorded in State Record of Water Right Certificates, Volume 47, page 52037

1111C

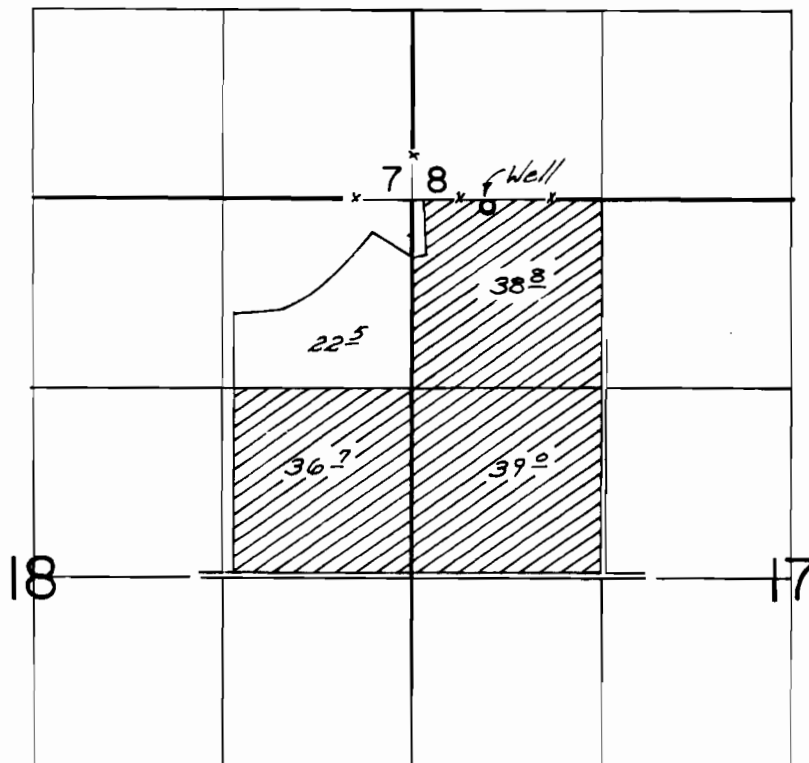
G-17441

T.27S.,R.35E.,W.M.

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WATER RESOURCES DEPT.
SALEM, OREGON



Well Loc: 30' S. & 540' E. from the NW Corner Section 17

FINAL PROOF SURVEY
UNDER

Application No. G-7921 Permit No. G-7312
IN NAME OF

M. M. DAVIES

Surveyed AUG 26, 1979, by R. G. MUCKEN

G-17441

PTS-1979-W1 *MB*