

Application for Extension of Time for a Water Right Permit (NON-Municipal/NON Quasi-Municipal water Use)



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

Criteria for a Permit Extension of Time

The Department can accept requests for an extension of time on permits to (1) complete construction, and/or to (2) apply water to beneficial use.

In order to approve a permit extension request the Department must be able to find:

1) Construction has begun:

A. For Groundwater Permits

Construction of the well began within 5 years of the date the permit was issued or by the actual construction date specified in the permit.

B. For Surface Water or Reservoir Permits

Construction of the water system began within 5 years of the date the permit was issued or by the actual construction date specified in the permit.

The Department will also confirm that:

- 2) A required fish screen, fish passage or fish by-pass device was installed before or prior to diversion of any water.** An exception to the need to confirm installation prior to diversion of any water would be a waiver submitted to the Department from ODFW stating that a fish screen, fish passage or fish by-pass device was not required, provided your permit allows for a waiver.

If you have questions, please call the Department at (503)-986-0900 and ask to speak with a permit extension specialist.

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Instructions are in Attachment A.

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT
***A separate extension application must be submitted for each permit as per
OAR 690-315-0020(2).***

I, Harney Spot Ranches, LLC

NAME OF PERMIT HOLDER [OAR 690-315-0020(1) and (3)(a)]

39937 Sodhouse Lane
ADDRESS

Princeton
CITY

OR
STATE

97721
ZIP

PHONE

E-MAIL ADDRESS

the permit holder of:

Application Number **G-17511**

Permit Number **G-16981**

[OAR 690-315-0020(3)(b)]

do hereby request that the time in which to:

- ☒ complete construction (of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water), which time now expires on **Month: 11 Day: 08 Year: 2017**, be extended to October 1, **2027**, [OAR 690-315-0020(3)(i)]
- ☐ N/A (Check this box if the permit does not specify a date by when construction must be completed.)

and/or the time in which to:

- ☒ apply water to full beneficial use under the terms and conditions of the permit, which time now expires on **Month: 11 Day: 08 Year: 2017**, be extended to October 1, **2027**.
[OAR 690-315-0020(3)(i)]

I am the permit holder, or have written authorization from the permit holder (attached to this Application for Extension of Time), to apply for an extension of time under this permit. I understand that false or misleading statements in this extension application are grounds for OWRD to suspend processing of the request and/or reason to deny the extension.

Ann I. Gilmour 6-15-2017
Signature Date
Ann I. Gilmour _____
Printed Name Title

Before submitting your Application for Extension of Time, make sure the following items are included:

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- This completed Application for Extension of Time.
- Statutory fee of \$575.
- Signature page (Second page of this Application for Extension of Time).
- All supporting documentation and/or evidence referenced in the Application for Extension of Time.

**MAIL COMPLETED APPLICATION
along with the Supporting documents and/ or evidence**

\$575 STATUTORY FEE TO:

**Water Resources Department
Attn: Water Right Permit Extensions
725 Summer Street NE, Suite A
Salem, Oregon 97301**



GENERAL TIPS:

- Permit holders of **municipal or quasi-municipal water use permits DO NOT use this form**. The correct form is APPLICATION FOR EXTENSION OF TIME FOR MUNICIPAL AND QUASI-MUNICIPAL WATER USE PERMITS, available at the following link:
http://www.oregon.gov/owrd/PUBS/docs/forms/fillable_muni_quasi_ext_app_form_2014.doc
- Request the reasonable amount of time necessary to fully complete construction of the water project and/or to fully use the permitted quantity of water under the terms and conditions of your permit. Should this request be approved, it will be OWRD's expectation that you will complete your project within the new time period allowed. Future extensions may not be granted.
- A separate APPLICATION FOR EXTENSION OF TIME must be submitted for each permit. OAR 690-315-0020(2).
- An instruction sheet, INSTRUCTIONS FOR COMPLETING AN APPLICATION FOR EXTENSION OF TIME FOR A WATER RIGHT PERMIT (Attachment A), provides details that will help you answer each item on the application. Permit extensions are evaluated under OAR Chapter 690, Division 315. These rules may be viewed at: http://arcweb.sos.state.or.us/pages/rules/oars_600/oar_690/690_315.html
- You may provide OWRD with any additional information or evidence that will aid us in making our decision. Please note that OWRD may require other information that is necessary to evaluate the application. OAR 690-315-0020(3)(n).
- After careful review of the Application for Extension of Time, you may contact OWRD at (503) 986-0900, to ask questions and request assistance from a Permit Extensions Specialist in the Water Rights Services Division.
- An Application for an Extension of Time will be reviewed for completeness. OWRD will return any incomplete or deficient applications to the applicant. OAR 690-315-0040(1)(a).

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Reference Materials Needed to Complete this Application:

- **The water right permit.** If needed, a copy of the water right permit can be downloaded from the Department's Website at <http://apps.wrd.state.or.us/apps/wr/wrinfo/> (using the link to the Water Rights Information System (WRIS). Or, a copy of the permit (or other documents) may be requested by water right application number from the Water Rights Division at 503-986-0900 (copy fees will apply).
- **Documentation which demonstrates compliance with permit conditions** (for example, well construction logs; static water level measurement reports; annual water use reports; ODFW fish screen certification; a plan to monitor the effect of water use on ground water aquifers utilized under the permit; etc.).

Questions to complete this application for an Extension of Time

Please see the instruction sheet to help you answer these items.

1. Beginning Construction within required deadlines. OAR 690-315-0020(3)(d)

For Groundwater Permits

Has construction of the point of appropriation (well) authorized under this permit begun?

☒ **Yes** ☐ **No**

Date construction began Month: 08 Day: 05 Year: 2011

Details of construction and attach documentation: HARN 51800 L-102550 (WELL 1)

For Surface/Reservoir Permit

Has construction of the water system begun? ☐ Yes ☐ No

Date construction began Month: Day: Year:

Details of construction and attach documentation:

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2a. Permits typically contain standard or special conditions that must be fully satisfied to lawfully develop and use permitted water. Review the permit subject to this extension to identify which of the conditions listed in the 2nd column are contained within it. Using the extra row labeled "other" to specify any other additional conditions specified in a final order approving a permit amendment or prior extension of time. In the 1st column check the box for each condition (row) identified as relevant. In the 3rd column check "Yes" if you have completed or met the permit condition. Check "No" if the condition is not yet satisfied. In the 4th column, give the date when the condition was satisfied or will be satisfied. Attach any pertinent documentation. Note: a pump test condition does not need to be addressed here however; you must submit the results of the test to the Department for approval prior to certification.

CHART-A

Permit Conditions in this Permit		Have Completed or Met?	Date satisfied/ or will be satisfied
Checkbox	Ground water Check those included on this permit		
☒	Installation of a meter/totalizing flow meter	☒ Yes ☐ No	2013
☒	Submittal of annual water usage report	☒ Yes ☐ No	2013,2014,2015,2016
☒	Submittal of initial static water level measurement	☐ Yes ☒ No	N/A
☒	Submittal of annual static water level measurements in the month required	☒ Yes ☒ No	2017
☐	Submittal of Seven consecutive static water level measurements in the month required	☐ Yes ☐ No	
☐	Special well construction standards	☐ Yes ☐ No	
☐	Submittal of a monitoring plan	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
Surface Water or Reservoir			
☐	Installation of a meter/ totalizing flow meter/ in-line meter	☐ Yes ☐ No	
☐	Installation a staff gauge	☐ Yes ☐ No	
☐	Installation of a fish screen	☐ Yes ☐ No	
☐	Installation of a fish by-pass device	☐ Yes ☐ No	
☐	Installation of a fish passage	☐ Yes ☐ No	
☐	Installation of an outlet gate/pipe/ conduit	☐ Yes ☐ No	
☐	Submittal of a letter from ODFW that fish screen, fish by-pass device, and or fish passage is not required	☐ Yes ☐ No	
☐	Submit as-built plans and specification	☐ Yes ☐ No	
☐	Submittal of a letter from an engineer prior to storage	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	

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2b. If you have NOT complied with Permit conditions, explain the reasons why and indicate a date certain, when you will be in compliance.

Initial SWL not taken but annual ~~begin~~ *to begin 2018.*

[OAR 690-315-0020(3)(e)]

3. Provide evidence of physical work made toward completion of the water system, and of progress made toward making beneficial use of water within the permitted time period (CHART-B); and if applicable, within the time period of the most recent extension granted (CHART-C). CHART-B (below) must be completed for all Application for Extension of Time requests. *Use chronological order.* (this does NOT include planning, formulating a business plan, securing financing, letting contracts, purchasing but not installing equipment, surveying, clearing land, or planting crops)

CHART-B

DATE	WORK ACCOMPLISHED BEFORE PERMIT WAS ISSUED <i>List any work done before the permit was issued – eg. well drilled.</i>	COST*
8-9-2011	Well 1 & pump - HARN 51800 L-102550	\$ 125 K
DATE	WORK ACCOMPLISHED AFTER PERMIT WAS ISSUED and PRIOR TO DATE SPECIFIED IN PERMIT FOR COMPLETE APPLICATION OF WATER <i>List work/actions done during the permitted time period.</i>	COST*
11-8-2012	Date the permit was signed - find date above signature on last page of permit.	
2012	Brought in power	\$ 20 K
2012	Underground mainline	\$ 20 K
2013 - 2017	Water put to Beneficial Use	
5-5-2016	Well 2 drilled HARN 52507 L-11989	\$ 75 K
5-9-2016	well 1 deepened HARN 52508 L-102550	\$ 10 K
11-8-2017	Date the permit specified complete application of water to the use shall be made- all permits contain this date.	
DATE	WORK ACCOMPLISHED AFTER the date the permit specified complete application of water <i>COMPLETE ONLY IF THIS IS YOUR 1st APPLICATION FOR AN EXTENSION OF TIME: List work done after the date specified in the permit for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
Total Cost for Chart-B		\$ 250 K

* If exact cost is not known, you must provide your best estimate.

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4. If this is not your 1st Application for Extension of Time request, fill out CHART-C below in addition to CHART-B above. *Use chronological order.*

CHART-C

DATE	WORK ACCOMPLISHED <u>DURING</u> THE LAST EXTENSION PERIOD <i>List all work done during the last authorized extension period.</i>	COST*
	"Extended From" date for complete application of water used in the 1 st (or the most recent) Application for Extension of Time.	
	N/A	
	"Extended To" date for complete application of water resulting from the 1 st (or the most recent) Application for Extension of Time.	
DATE	WORK ACCOMPLISHED <u>AFTER</u> THE LAST EXTENSION PERIOD EXPIRED <i>List all work done after the last authorized date for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
	N/A	
Total Cost of Chart-C		

* If exact cost is not known, you must provide your best estimate. [OAR 690-315-0020(3)(f)]

5. Cost of project to date: \$ 250 K

(The total combined cost from CHART-B and CHART-C) [OAR 690-315-0020(f)]

[OAR 690-315-0020(3)(e)(B)]

Provide evidence of the maximum rate (or duty, if applicable) of water diverted for beneficial use under this permit and/or prior extensions of time (if any) made to date.

TIP: Report the rate used to date. Unless full beneficial use has been made, this rate will be less than the rate authorized on the permit.

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6. For Surface Water Permit Extensions (e.g. S-XXXX or R-XXXX):

TIP: Report the rate in the same units of measurement as specified in the permit.

Maximum rate used to date = 0.5 cfs (cubic feet per second) or,

Maximum rate used to date = _____ gpm (gallons per minute) or,

Acre-feet stored to date = _____ AF

7. For Ground Water Permit Extensions (e.g. G-XXXX):

TIP: Include information from ALL wells that pertain to this permit, including drilled wells not currently used.

CHART-D

Well # as identified on Permit	Water User's Well #	Has this well been drilled?	IF DRILLED					
			Well Log Number e.g. MORR 50473	Well Tag Number e.g. # 27566 or N/A	Is the actual drilled location authorized on this permit or on a permit amendment?	Maximum instantaneous rate used to date from this well - - under <u>this permit</u> only (CFS or GPM)	Is this well authorized or utilized under any OTHER water rights?	If yes, provide the Permit, Certificate, or Transfer No.
Well 1	Well 1	Yes ☒	HARN 51800 HARN 52508	L- 102550	Yes ☐	1.0 cfs	Yes ☐	-
		No ☐			No ☒		No ☒	-
Well 2	Well 2	Yes ☒	HARN 52507	L- 119894	Yes ☐		Yes ☐	-
		No ☐			No ☒		No ☒	-
		Yes ☐			Yes ☐		Yes ☐	-
		No ☐			No ☐		No ☐	-
		Yes ☐			Yes ☐		Yes ☐	-
		No ☐			No ☐		No ☐	-
		Yes ☐			Yes ☐		Yes ☐	-
		No ☐			No ☐		No ☐	-
		Yes ☐			Yes ☐		Yes ☐	-
		No ☐			No ☐		No ☐	-
Total instantaneous rate from all wells utilized under this permit						1.0 cfs		

8. Has a Permit Amendment Application been filed? Yes ☒ No ☐

If yes, identify Transfer No. T- 12679

Has the Permit Amendment been approved? Yes ☐ No ☒

If yes, on what date was the Permit Amendment approved? _____

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[OAR 690-315-0020(3)(e)(C)]

9. For Irrigation and Nursery Use Permits Extensions

Provide the total number of acres irrigated to date under this permit.

a) Total acres irrigated to date: 29.2 ac

b) List by year, the number of acres irrigated each year since permit issuance.

Year	Acres	Year	Acres	Year	Acres
2013	26				
2014	25.5				
2015	29.2				
2016	25				

c) Provide a copy of the application map identifying the acres irrigated.

d) Please specify the number of acres irrigated by each Point of Diversion/Point of Appropriation (POD/POA).

(POD/POA)# Well 1 Acres 29.2

(POD/POA) # _____ Acres _____

(POD/POA) # _____ Acres _____

(POD/POA) # _____ Acres _____

[OAR 690-315-0020(3)(i)(j)]

10. In the chart below provide a summary of your future plans and schedule to complete the construction of the water system, and/or apply water to full beneficial use under the terms and conditions of the permit.

CHART-E

APPROXIMATE DATE RANGE (projected)	WORK OR ACTION TO BE ACCOMPLISHED (projected)	ESTIMATED COST (projected)
10 years	Bring in power	\$ 18K
"	Underground mainline	\$ 20 K
"	30 HP submersible turbine pump	\$ 8 K
"	Pivot	\$ 51K
"	Flow meter	\$ 1 K
	Excavation	\$ 2K
	Water put to Beneficial Use	
Year: 2027	Date intend to apply water to full beneficial use under the terms and conditions of this permit.	
Total Cost		\$100 K

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[OAR 690-315-0020(3)(g)]

11. Estimated remaining cost to complete the project: \$ 100 K

(The total cost from CHART-E)

[OAR 690-315-0020(3)(j)]

12. Provide a summary of your plan to complete construction, meeting all permit conditions and apply the water to beneficial use: *(List all tasks or steps needed to complete the project, the date when each task will be completed, and the cost associated with each task; attach additional pages if necessary.)*

Install pump on Well 2, bring in power to Well 2, clearing ground for pivot, installing irrigation equipment and put water to Beneficial Use. (See Chart E)

Project is already underway.

[OAR 690-315-0020(3)(k)]

13. Justify the time requested to complete the project and/or apply the water to full beneficial use. *(Include any other information or evidence to establish that the requested amount of time is sufficient and that you will be able to complete the project within the amount of time requested.)*

Need a 10 year extension to complete the project due to cost.

[OAR 690-315-0020(3)(l)]

14a. Will a denial of the extension result in undue hardship? *(Describe the hardship and the effects.)*

Yes, an extension is needed for continued farming and ranching as a means of income.

14b. Are there any other reasonable alternatives that exist for meeting your water use needs? *(Explain in detail)*

No

[OAR 690-315-0020(3)(h)]

15. Was the delay in the timely completion of this water development project and/or timely application of water to full beneficial use caused by any additional government requirements, other than the conditions contained within the permit, which significantly delayed the completion and perfection of this right? *(Explain in detail, including how much time did this delay the project; list dates.)* No

[OAR 690-315-0020(3)(h)]

16. Describe any unforeseen events which contributed to the delay of completion of this project that you had no control over. *(Explain in detail what the unforeseen events were and how much time was spent addressing the unforeseen events.)*

Overall system exceeded pre-planned cost analysis.

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[OAR 690-315-0020(3)(h)]

17. Describe an additional reasons why the construction was not completed, and/or water was not beneficially used within permit time limits. (Provide supporting information for the reason(s) that best fits your circumstances.)

N/A

[OAR 690-315-0020(3)(m)(n)]

18. Provide any other information you wish OWRD to consider while evaluating your Application for Extension of Time.

N/A

[OAR 690-315-0040(2)(f)]

19. Will the income or use of the water project provide a fair and reasonable return on your investment? (Explain in detail)

N/A

[OAR 690-315-0040(4)(d)]

20. Describe in detail if there are other economic interest, beyond those of the permit holder, which are dependent upon the completion of this project. (Who will be effected and how?)

Yes, developing the remaining acreage provides additional income to cover development costs.

Attach permit, and documentation to the application

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Water Use Report Based on Water Right



Permit: G 16981 *

HARNEY SPOT RANCHES LLC 39937 SODHOUSE LANE PRINCETON, OR 97721

Records per page: 10

Acre-feet (AF) of Water Used

<u>Water Year*</u>	<u>Report ID</u>	<u>Facility</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total Water Used</u>	<u>Irrigated Acres</u>
2016	<u>65340</u>	WELL 1 (HARN 51800/L-102550)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.04	11.48	16.73	8.51	8.72	48.48	25.00
2016	<u>65341</u>	WELL 2 (PROPOSED)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2015	<u>65340</u>	WELL 1 (HARN 51800/L-102550)	0.00	0.00	0.00	0.00	0.00	0.00	17.50	17.50	17.50	17.50	17.50	0.00	87.50	29.2
2015	<u>65341</u>	WELL 2 (PROPOSED)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2014	<u>65340</u>	WELL 1 (HARN 51800/L-102550)	7.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	16.50	16.00	15.00	6.00	76.50	25.5
2014	<u>65341</u>	WELL 2 (PROPOSED)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2013	<u>65340</u>	WELL 1 (HARN 51800/L-102550)	0.00	0.00	0.00	0.00	0.00	0.00	6.00	14.40	14.40	14.40	14.40	14.40	78.00	26.0
2013	<u>65341</u>	WELL 2 (PROPOSED)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

*The water year is named for the calendar year in which it ends. Example: the 2014 water year begins Oct. 1, 2013 and ends Sep. 30, 2014.

- Water use is reported by point of diversion (POD), rather than by water right.
- If a POD is shared with multiple water rights, it is not feasible to separate out the amount used under the water right being queried from water used by other rights using this same POD.
- Monthly amounts indicate:
 - For diverted rights, the total amount diverted during the month;
 - For storage rights, the amount generally stored in the reservoir/pond during the month, as represented by the volume of water impounded on approximately the same day each month.
- Water Use amounts have all been converted to "acre-feet" (AF), regardless of the original measurement unit reported. One AF is the volume of water that will cover an acre of ground one foot deep = 325,850 gallons.
- Zeroes indicate that a report was received, stating that no water was used during those months; if a year is not listed, no report of water use was received for that year.

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PIERCE

SureTap Springs : Pump & Irrigation
PO Box 872 Burns, OR 97720
541-589-3772

Bid to complete

Harney Spot Ranch
Princeton or
4-6-17

Cp 600 piecre pivot	\$ 38,159.00
6" pvc pipe 100 psi 1000'	\$ 1,750.00
Pivot wire 1100'	\$ 2,500.00
Steel fittings	\$ 1,560.00
Flowmeter	\$ 1,050.00
Lesa sprinkler package	\$ 5,310.00
30 hp submersible turbine set 210' <i>(120') est.</i>	\$ 8,080.00
Install pump	\$ 525.00
Install pipe line and steel fittings	\$ 1,200.00
Jiffy electric to wire system	\$ 17,525.00
Excavation of ditch	\$ 1,650.00

total \$ 79,309.00

Thank you for your Business
Please Call with any Questions
Jay Nelson
541-589-3772

Harney Electric - 16,262.00 = T
plus
meter
5 yr. contract
2500 min/year
3,575 down

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SALEM, OR

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

08-22-2011

WELL LABEL # L 102550

START CARD # 1014462

(1) LAND OWNER

Owner Well I.D.

First Name Jeff

Last Name Gilmour

Company

Address 39937 Sodhouse Lane

City Princeton

State Or

Zip 97721

(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
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 305.00 ft.

BORE HOLE			SEAL			sacks/ lbs
Dia	From	To	Material	From	To	
16	0	18	Bentonite Chips	0	18	30 S
12	18	305				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E☒ Other poured & tamped

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: ☐ Yes Type Amount

(6) CASING/LINER

Casing	Liner	Dia	From	To	Gauge	Std	Plate	Wld	Thrd
☒	☐	12	1	20	.250	☒	☐	☐	☐

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)Temp casing ☐ Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method
Screens Type Material

Perf/S	Casing/	Screen	From	To	Screen/slot	Slot	# of	Tele/
green	Liner	Dia			width	length	slots	pipe size

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian
 Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

200		300	1
-----	--	-----	---

Temperature 60 °F Lab analysis ☐ Yes ByWater quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units
------	----	-------------	--------	-------

(9) LOCATION OF WELL (legal description)

County Harney Twp 26.00 S N/S Range 33.00 E E/W WM

Sec 31 NW 1/4 of the SW 1/4 Tax Lot 64

Tax Map Number Lot

Lat 0 0 " or DMS or DD

Long 0 0 " or DMS or DD

☒ Street address of well ☐ Nearest address

39937 Sodhouse Lane

Princeton, Or. 97721

(10) STATIC WATER LEVEL

Date	SWL(psi)	SWL(ft)
Existing Well / Predeepening		
Completed Well 08-09-2011		55

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 55

SWL Date	From	To	Est Flow	SWL(psi)	SWL(ft)
08-09-2011	55	305	400		55

(11) WELL LOG

Ground Elevation

Material	From	To
Topsoil Cobbles	0	2
Rock Grey	2	45
Cinders Clay	45	65
Sandstone Brown	65	85
Rock Brown	85	120
Sandstone Brown	120	185
Rock Black	185	200
Sandstone Brown	200	220
Clanstone Tan	220	250
Rock Brown	250	270
Claystone Tan	270	285
Hard Claystone Red	285	305

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Date Started 08-05-2011 Completed 08-09-2011

(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 1424 Date 08-22-2011
 Electronically Filed
 Signed TIMOTHY K RILEY (E-filed)
 Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version: 0.95

Well 1

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

6/2/2016

WELL I.D. LABEL # 102550
START CARD # 1030423
ORIGINAL LOG # Harn 5100 08-22-2011

(1) LAND OWNER

Owner Well I.D. _____
First Name JEFF Last Name GILMOUR
Company _____
Address 39937 SODHOUSE LN
City PRINCETON State OR Zip 97721

(2) TYPE OF WORK

☐ New Well ☒ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stil Plstc Wld Thrd
12 1 20 250 ☒ ☐ ☒ ☐
Material From To Amt sacks/lbs
Seal: Bentonite Chips 0 18 30 Sacks

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other

(4) PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 385.00 ft

BORE HOLE

Dia	From	To	Material	From	To	Amt	sacks/lbs
16	0	18	Bentonite Chips	0	18	30	S
12	18	305				Calculated 12 24	
8	305	385				Calculated	

How was seal placed Method ☐ A ☐ B ☐ C ☐ D ☐ E☒ Other EXISTING

Backfill placed from _____ ft to _____ ft Material _____

Filter pack from _____ ft to _____ ft Material _____ Size _____

Explosives used: ☐ Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount _____ Actual Amount _____

(6) CASING/LINER

Casing	Liner	Dia	From	To	Gauge	Stil	Plstc	Wld	Thrd
☒	☒	8	1	305	250	☒	☐	☒	☐

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____
Temp casing ☐ Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method PLASMA CUT

Perf/Screen	Casing/Liner	Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/pipe size
Perf	Casing	8	225	305	125	3	960	

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
250		380	1

Temperature 60 °F Lab analysis ☐ Yes By _____Water quality concerns? ☐ Yes (describe below) TDS amount _____

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County HARNEY Twp 26 00 S N/S Range 33 00 E E/W WM
Sec 31 NW 1/4 of the SW 1/4 Tax Lot 6400
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
☒ Street address of well ☐ Nearest address
39937 SODHOUSE LN
PRINCETON, OR

(10) STATIC WATER LEVEL

Date	SWL (psi)	+ SWL (ft)
Existing Well / Pre-Alteration 5/3/2016		58
Completed Well 5/9/2016		58

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 58 00

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
5/9/2016	58	385	250		58

(11) WELL LOG

Ground Elevation _____

Material	From	To
EXISTING	0	305
CLAY - BROWN HARD	305	320
SANDSTONE - TAN	320	330
ROCK - BLACK	330	385

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JUL 18 2016
SALEM, OR
RECEIVED BY OWRD
JUN 19 2017
SALEM, OR

Date Started 5/3/2016 Completed 5/9/2016

(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 _____

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 1424 Date 6/2/2016

Signed TIMOTHY K RILEY (E-filed)

Contact Info (optional) TIM RILEY 541-573-5695

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version

Well 1

STATE OF OREGON
WATER SUPPLY WELL REPORT
 (as required by ORS 537.765 & OAR 690-205-0210)

6/2/2016

WELL I.D. LABEL# L 119894
 START CARD # 1030407
 ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. _____
 First Name JEFF Last Name GILMOUR
 Company HARNEY SPOT RANCHES LLC
 Address 39937 SODHOUSE LN
 City PRINCETON State OR Zip 97721

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stil Plstc Wld Thrd
 Material From To Amt sacks/lbs
 Seal: _____

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other _____

(5) BORE HOLE CONSTRUCTIONSpecial Standard ☐ (Attach copy)Depth of Completed Well 210 00 ft

BORE HOLE			SEAL			sacks/	
Dia	From	To	Material	From	To	Amt	lbs
16	0	18.5	Bentonite	0	18.5	16	S
12	18.5	146				Calculated	14 58
10	146	210				Calculated	

How was seal placed Method ☐ A ☐ B ☐ C ☐ D ☐ L
☒ Other POURED & TAGGED

Backfill placed from _____ ft to _____ ft Material _____

Filter pack from _____ ft to _____ ft Material _____ Size _____

Explosives used ☐ Yes Type _____ Amount _____**(5a) ABANDONMENT USING UNHYDRATED BENTONITE**

Proposed Amount _____ Actual Amount _____

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stil	Plstc	Wld	Thrd
☒	☒	12	☒	1.5	18.5	250	☒	☒	☒	☒
☒	☒	10	☒	2	146	250	☒	☒	☒	☒
☒	☒	8	☒	138	210	250	☒	☒	☒	☒

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____Temp casing ☐ Yes Dia _____ From _____ To _____**(7) PERFORATIONS/SCREENS**Perforations Method plasma torch

Screens Type		Material					
Perf/	Casing/	Screen	Liner	Dia	From	To	Slot
Perf	Liner	Dia	From	To	width	length	# of
		8	148	210	1.25	5	1200
							8

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

☐ Pump	☐ Bailer	☒ Air	☐ Flowing Artesian
Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
500		210	2

Temperature 53 °F Lab analysis ☐ Yes By _____Water quality concerns? ☐ Yes (describe below) TDS amount 249

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County HARNEY Twp 26 00 S N/S Range 33 00 E E/W WM
 Sec 31 NE 1/4 of the NW 1/4 Tax Lot 6400
 Tax Map Number _____ Lot _____

Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
☐ Street address of well ☒ Nearest address

SAME AS ABOVE

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL (psi)	+	SWL (ft)
Completed Well	5/5/2016			53
Flowing Artesian?				
Dry Hole?				

WATER BEARING ZONESDepth water was first found 53

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
5/2/2016	53	210	500			53

(11) WELL LOG

Ground Elevation _____

Material	From	To
brown sandy clay	0	6
black basalt	6	53
black basalt fractured	53	69
black basalt broken	69	78
black basalt fractured	78	103
black basalt broken	103	148
black basalt fractured	148	210

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RECEIVED BY OWRD

JUL 11 2016

JUN 19 2017

SALEM, OR

SALEM, OR

Date Started 4/29/2016Completed 5/5/2016**(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 1896Date 6/2/2016Signed TONY HACKETT (E-filed)**(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 1899Date 6/2/2016Signed SAM P KINGREY (E-filed)

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

Well 2

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JUN 01 2017

OWRD

T26S, R33E,
SECTION 31, WM
HARNEY COUNTY, OREGON



0 1,320
Feet
1" = 1,320'

- POU Irrigation, ON
- Township
- Section
- Quarter Quarter
- Tax Lot
- Well
- Pipeline

WELL LOCATIONS:
#1: 1.910' N, 50' E OF SW COR SEC 31
#2: 30' S, 920' E OF NW COR SEC 31

1 12679

06

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JUN 19 2017

SALEM, OR

RENEWAL DATE 12/31/2017



PERMIT AMENDMENT "ON" MAP

Harney Spot Ranches, LLC

AP.G-17511

PERMIT G-16981

NOTE: THIS MAP IS NOT INTENDED TO
PROVIDE LEGAL DIMENSIONS OR LOCATIONS
OF PROPERTY OWNERSHIP LINES.

WATER RIGHT SERVICES, LLC

PO BOX 1830, BEND, OR 97709

CCB# 197121 www.oregonwater.us

541-389-2837 JOHNSHORT@USA.COM

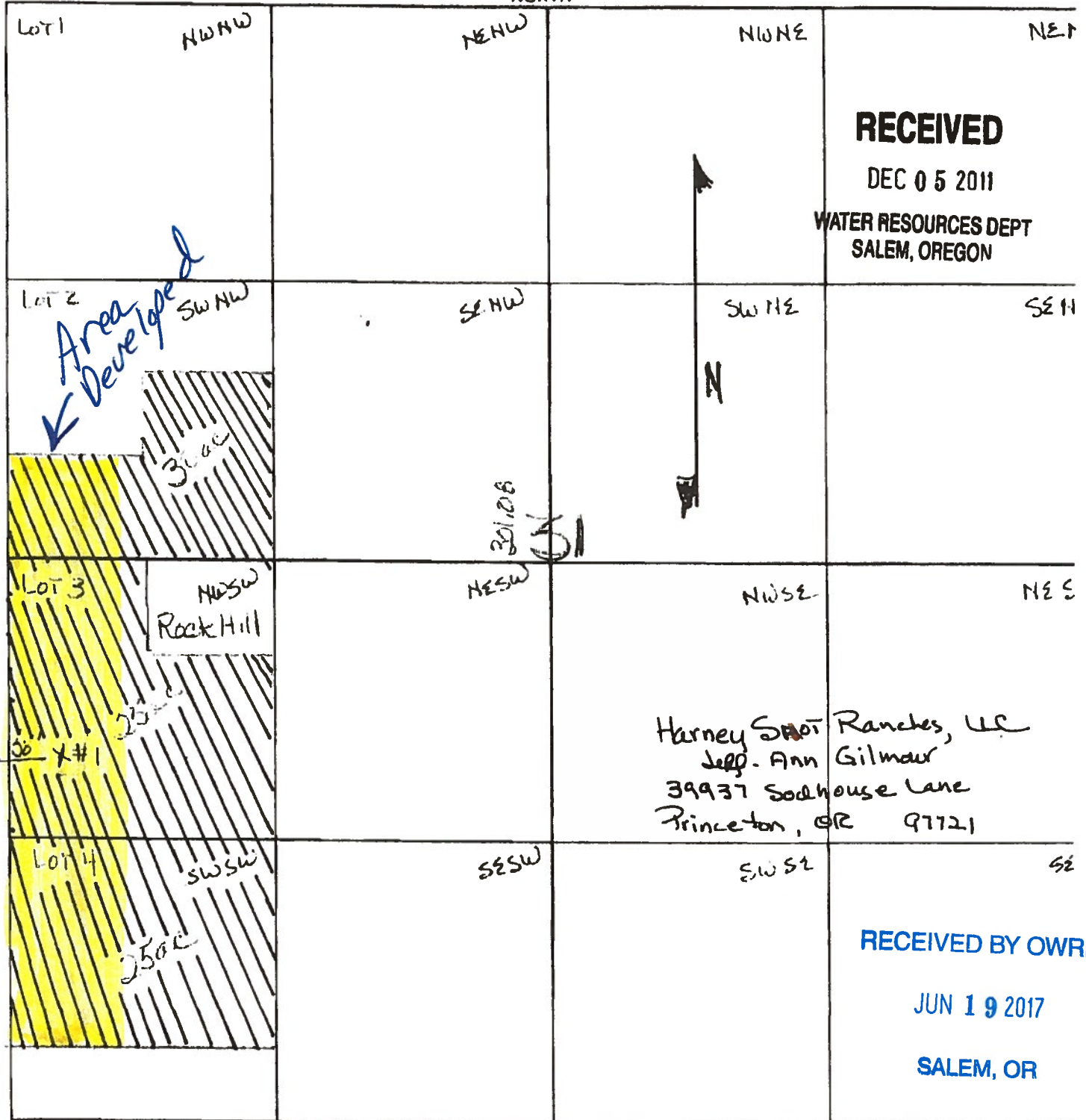
MAY 9, 2017

SECTION PLAT

Section 31 Township 26S Range 7E
 County of Harney State of Oregon

TX Lot 6400

NORTH



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DEC 05 2011

WATER RESOURCES DEPT
SALEM, OREGON

Harney State Ranches, LLC
 Jeff. Ann Gilman
 39937 Sodhouse Lane
 Princeton, OR 97121

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JUN 19 2017

SALEM, OR

Sodhouse Lane
64751

4" = 1 mile