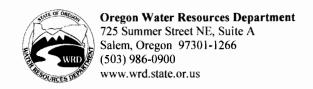
## **Application for**

# **Permit Amendment**



# Part 1 of 4 - Minimum Requirements Checklist

This permit amendment application will be returned if Parts 1 through 4 and all required attachments are not completed and included.

For questions, please call (503) 986-0900, and ask for Transfer Section.

| Che<br>⊠    | ck all items included with this application. (N/A = Not Applicable)  Part 1 – Completed Minimum Requirements Checklist.  |
|-------------|--|
| $\boxtimes$ | Part 2 – Completed Permit Amendment Application Map Checklist.   |
| $\boxtimes$ | Part 3 – Completed Permit Amendment Application – Applicant Information and Signature.   |
| $\boxtimes$ | Part 4 – Completed Permit Amendment Application – Water Use Permit Information.  Please include a separate Part 4 for each permit. List all permit(s) to be amended here: G-16578  |
| $\boxtimes$ | Attachments:  Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner).   |
| $\boxtimes$ | Permit amendment fees – Amount enclosed: \$ <u>1200</u> .<br>See the Department's Fee Schedule at <u>www.wrd.state.or.us</u> or call (503) 986-0883.   |
|             | N/A Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is <b>not</b> the permit holder of record and needs to be assigned to the permit; <b>or</b> the landowner of the proposed place of use is <b>not</b> the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <a href="http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml">http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml</a> ). Assignment is not needed if applicant is the permit holder of record. |
|             | N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant, or other permit holders of record that are not listed as applicants.  |
|             | N/A Land Use Information Form with approval and signature (or signed land use form receipt stub). Land use form is not required if any of the following apply:   |
|             | ☐ Water is to be diverted, conveyed, and/or used only on federal lands.  |
|             | All of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.   |
|             | The proposed changes are all located on the property reviewed in Land Use form enclosed in Water Right Application Folder # G-17107.   |
| $\boxtimes$ | □ N/A For changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation, Water Well Report(s)/Well Log(s)   |
|             | (For Staff Use Only)  WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):  Application fee not enclosed/insufficient Map not included or incomplete  Land Use Form not enclosed or incomplete Assignment Form and fee not enclosed/insufficient  Additional signature(s) required Part is incomplete  RECEIVED  |
|             | Other/Explanation  |

Your permit amendment application will be returned if any of the map requirements listed below are not met.

Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does <u>not</u> have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

|             | N/A   | If more than three permits are involved, separate maps for each permit.   |
|-------------|-------|---|
| $\boxtimes$ |       | Permanent quality printed with dark ink on white or clear paper or film. WATER RESOURCES DEPT SALEM, OREGON   |
| $\boxtimes$ |       | The size of the map can be $8\frac{1}{2} \times 11$ inches, $8\frac{1}{2} \times 14$ inches, or up to 30 x 30 inches. For 30 x 30 inch maps, three (3) paper copies and an electronic copy in a .pdf, .tiff or .jpg format are required.  |
| $\boxtimes$ |       | A north arrow, a legend, and scale.   |
| $\boxtimes$ |       | The scale of the map must be: $1 \text{ inch} = 400 \text{ feet}$ , $1 \text{ inch} = 1,320 \text{ feet}$ , the scale of the county assessor map if the scale is not smaller than $1 \text{ inch} = 1,320 \text{ feet}$ , or a scale that has been preapproved by the Department.   |
| $\boxtimes$ |       | Township, Range, Section, 1/4 1/4, DLC, Government Lot, and other recognized public land survey lines.  |
| $\boxtimes$ |       | Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.  |
| $\boxtimes$ |       | Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.  |
| $\boxtimes$ |       | Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.  |
| $\boxtimes$ |       | Existing place of use that includes separate hachuring for each water use permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged. |
|             | ⊠ N/A | If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.   |
| $\boxtimes$ |       | Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water use permit.   |
| $\boxtimes$ | □ N/A | If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).  |

## Part 3 of 4 - Applicant Information and Signature

| APPLICANT/BUSINESS  Andy Root   | NAME   |   | PHONE NO.<br><b>541-493-3645</b>   | ADDITIONAL CONTACT NO.  |
|---|--|---|--|---|
| ADDRESS<br>524 Highway 20 Nor   | -th  |   |  | FAX NO.   |
| CITY<br>Hines   | STATE OR   | ZIP<br>97738  | E-MAIL   |   |
| gent Information  | n – The agent is aut   | horized to repre  | esent the applicant in all   | matters relating to this applic   |
| AGENT/BUSINESS NAM Scott D. Montgomer   | IE<br>y/All Points Engr &  | Surveying   | PHONE NO. <b>541-548-5833</b>  | ADDITIONAL CONTACT NO. <b>541-420-0401</b>  |
| ADDRESS<br>PO Box 767   |  |   |  | FAX NO.<br><b>541-565-4602</b>  |
| CITY<br><b>Terrebonne</b>   | STATE<br>OR  | ZIP<br>97760  | E-MAIL scott@apeands.co  |   |
| ☐ Please s ☐ Please s ☐ Check this Reinvestn  | send all correspond<br>s box if this project<br>thent Act. (Federal  | dence to Agen<br>dence to Appli<br>et is fully or pa<br>stimulus dolla  | it. Send copies of corricant. Send copies of artially funded by the arrs)  | respondence to Applicant; Correspondence to Agent.  American Recovery and                                   |
| ☐ Please s ☐ Please s ☐ Check this Reinvestn  | send all correspond<br>send all correspond<br>s box if this project<br>ment Act. (Federal<br>t the permit hold   | dence to Agen<br>dence to Appli<br>et is fully or pa<br>stimulus dolla  | it. Send copies of corricant. Send copies of artially funded by the arrs)  | correspondence to Agent.  |
| ☐ Please s ☐ Please s ☐ Check this Reinvestn  Is the applican If NO, inclu ☐ A co   | send all correspond<br>send all correspond<br>s box if this project<br>ment Act. (Federal<br>t the permit hold<br>ade either:  | dence to Agendence to Applied is fully or pastimulus dollarer of record?  | it. Send copies of corricant. Send copies of artially funded by the ars)  Yes No required statutory ass                                    | correspondence to Agent.  |
| ☐ Please s ☐ Please s ☐ Check this Reinvestn  Is the applican ☐ A coports ☐ An a  | send all correspondance of this project the permit hold ade either:  | dence to Agendence to Applied is fully or pastimulus dollar er of record?  ent form (with the other applicant the period of the period of the period of the period of the applicant the | it. Send copies of corricant. Send copies of artially funded by the arts)  Yes No  required statutory asstt(s), OR                         | correspondence to Agent.  American Recovery and   |
| Please s Please s Please s Please s Check this Reinvestm  Is the applican If NO, including A comports An anappl  I (we) affirm that | send all correspondent all correspondent all correspondent Act. (Federal the permit hold ade either: completed assignment assignment affidavit of consensicant to amend the content to a c | dence to Agendence to Applied is fully or pastimulus dollarer of record?  ent form (with the other applicant from the permit.   | it. Send copies of corricant. Send copies of artially funded by the arts)  Yes No  required statutory ass t(s), OR mit holder(s) of record | correspondence to Agent.  American Recovery and  signment fee), assigning all that gives permission for the |
| Please s Please s Please s Please s Check this Reinvestm  Is the applican If NO, including A comports An anappl  I (we) affirm that | send all correspondent all correspondent all correspondent Act. (Federal the permit hold ade either: completed assignment assignment to a fidavit of consensition to amend the content to a conten | dence to Agendence to Applied is fully or pastimulus dollarer of record?  ent form (with the other applicant from the permit.  contained in the Andy  | it. Send copies of corricant. Send copies of artially funded by the arts)  Yes No  required statutory ass t(s), OR mit holder(s) of record | correspondence to Agent.  American Recovery and  signment fee), assigning all that gives permission for the |

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| Check one of the following:  |                    |   |  |  |  |  |  |  |
|--|--------------------|---|--|--|--|--|--|--|
| ☐ The applicant is responsible for completion of change(s). Notices and correspondence sho continue to be sent to the applicant. |                    |   |  |  |  |  |  |  |
| The permit holder(s) of record the final order is issued. Copi holder(s) of record.  |                    | eting the proposed change(s) after<br>ce should be sent to the permit |  |  |  |  |  |  |
| Check the appropriate box, if appli-   | cable:             |   |  |  |  |  |  |  |
| Check here if any of the permits by an irrigation or other water d   |                    | or will be located within or served                                   |  |  |  |  |  |  |
| IRRIGATION DISTRICT NAME   | ADDRESS            |   |  |  |  |  |  |  |
| CITY   | STATE              | ZIP   |  |  |  |  |  |  |
| Check here if water for any of the contract for stored water with a fe   |                    | r service agreement or other  |  |  |  |  |  |  |
| ENTITY NAME  | ADDRESS            |   |  |  |  |  |  |  |
| CITY   | STATE              | ZIP   |  |  |  |  |  |  |
| To meet State Land Use Consistency city, municipal corporation, or tribal g conveyed or used.                                    |                    |   |  |  |  |  |  |  |
| ENTITY NAME  | ADDRESS            |   |  |  |  |  |  |  |
| Harney County  | 450 N. Buena Vista |   |  |  |  |  |  |  |
| CITY   | STATE<br>OR        | 2IP<br>97720  |  |  |  |  |  |  |
| Burns  | UK                 | 91120   |  |  |  |  |  |  |
| ENTITY NAME  | ADDRESS            |   |  |  |  |  |  |  |
| CITY   | STATE              | ZIP   |  |  |  |  |  |  |

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## Part 4 of 4 - Water Use Permit Information

Please use a separate Part 4 for each permit being amended.

#### **PERMIT # G-16578**

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)

(Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

| POD/POA<br>Name or<br>Number | Is this POD/POA<br>Authorized by<br>the permit or is it<br>Proposed? | If POA,<br>OWRD<br>Well Log<br>ID# (or<br>Well ID<br>Tag # L- | Tw | p | Rn | g | Sec | 7  | 4 1/4 | Tax<br>Lot,<br>DLC<br>or<br>Gov't<br>Lot | Measured Distances<br>(from a recognized<br>survey corner) |
|------------------------------|--|---|----|---|----|---|-----|----|-------|--|--|
| Well 15                      |  | HARN<br>51275   | 22 | S | 33 | Е | 30  | NW | SW    | 1800                                     | 2508' north & 780' east from SW cor.                       |
| Well 16                      | ☐ Authorized ☐ Proposed  | HARN<br>51823   | 22 | S | 33 | Е | 30  | NW | SW    | 1800                                     | 1610' north &<br>780'east from SW<br>cor.                  |
| Well 14                      | ☐ Authorized ☐ Proposed  | HARN<br>51475   | 22 | S | 33 | Е | 30  | NE | SW    | 1800                                     | 1254' north &<br>1240' east from<br>SW cor.                |
| Well 17                      | ☐ Authorized ☐ Proposed  | HARN<br>206   | 22 | S | 33 | Е | 30  | NW | SW    | 1800                                     | 1500' north & 50' east from SW cor.                        |

| Check a  | all typ                              | e(s) of change(s) proposed below (c  | hange  | "CODES" are provided in parentheses):         |  |  |  |  |  |
|----------|--------------------------------------|--|--|---|--|--|--|--|--|
|          | Place                                | e of Use (POU)   |  | Point of Appropriation/Well (POA)             |  |  |  |  |  |
|          | Point                                | t of Diversion (POD)   | $\boxtimes$  | Additional Point of Appropriation (APOA)      |  |  |  |  |  |
|          | Additional Point of Diversion (APOD) |  |  | Surface water POD to Ground Water POA (SW/GW) |  |  |  |  |  |
| Will all | of the                               | proposed changes affect the entire   | wate   | r use permit?                                 |  |  |  |  |  |
|          | Yes                                  | Complete only the proposed ("to" lat "CODES" listed above to describe the    | ection of Table 2 on the next page. Use the posed changes. |   |  |  |  |  |  |
|          | No                                   | Complete all of Table 2 to describe the portion of the permit to be changed. |  |   |  |  |  |  |  |

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Table 2. Description of Changes to Water Use Permit # G-16578

List only the part of the permit that will be changed. For the acreage in each 1/4 1/4, list the change proposed. If more than one change, specify the acreage associated with each change. If more than one POD/POA, specify the acreage associated with each POD/POA.

|   |   |   |  |                     |                     |             | -                   | <br> | <br> | <br> | т           | RECEIVED                                   |
|---|---|---|--|---------------------|---------------------|-------------|---------------------|------|------|------|-------------|--|
|   | Priority<br>Date  |   |  | 9/11/08             | 9/11/6              | 80/11/6     | 9/11/6              |      |      |      |             | FED 0 1 3012                               |
| es  | POD(s) or<br>POA(s) to be<br>used (from<br>Table 1)           | 16<br>  | 1400<br>1400<br>1000<br>1000<br>1000<br>1000<br>1000<br>1000 | 14,15,16,17 9/17/08 | 14,15,16,17 9/17/08 | 14,15,16,17 | 14,15,16,17 9/17/08 |      |      |      | WA          | NTER RESOURCES DE<br>SALEM, OREGON         |
| Proposed ("to" lands) after the changes                     | Acres<br>(if<br>applicable)                                   |   | 7.5°<br>18°  | 31.5                | 28.5                | 30.6        | 34.6                |      |      |      | 125.2       |  |
| s) after  | Gvt<br>Lot or<br>DLC  |   |  |                     | _                   | 2           |                     |      |      |      | S           |  |
| ,, land   | Tax   |   |  | 303                 | 303                 | 303         | 303                 |      |      |      | ACRI        |  |
| obosed ("to   | 7,4   | 111   | 100 mm   | NE NW               | MN WN               | SW NW       | SE NW               |      |      |      | TOTAL ACRES |  |
| <u>-</u>  | Sec   | 14  |  | 30                  | 30                  | 30          | 30                  |      |      |      |             | S.   |
|   | Rng   | c# 19   | -ine   | 33 E                | 33 E                | 33 E        | 33 E                |      |      |      |             |  |
|   | Twp   | ."<br>41 g  |  | 22 S                | 22 S                | 22 S        | 22 S                |      |      |      |             |  |
|   | Proposed<br>Changes (see<br>"CODES"<br>from previous<br>page) | Maria<br>Maria<br>Maria<br>Maria<br>Maria<br>Maria<br>Maria   | j  | APOA                | 3                   | 3           | 3                   |      |      |      |             |  |
|   | Priority<br>Date  |   |  |                     |                     |             |                     |      |      |      |             | 5.067                                      |
| Authorized ("from" lands) as they appear before the changes | POD(s) or POA(s) (name or number from Table 1)                | Marin (E. )  January | :  |                     |                     |             |                     |      |      |      |             | Permit Amendment Application - Page 6 of 7 |
| pear before   | Got Acres Lot or (if DLC applicable)                          | 7£.   | 4<br>5 4<br>5 5<br>6 7<br>7 7                                |                     |                     |             |                     |      |      |      |             | endment Appli                              |
| hey at  | Gvt<br>Lot or<br>DLC  |   | :  |                     |                     |             |                     |      |      |      | ES          | mit Am                                     |
| ds) as t  | Tax   | 6046<br>#*<br>**  |  |                     |                     |             |                     |      |      |      | ACR         | Per  |
| "from" lanc   | 1,4 1,4   | en<br>Pr<br>Pr<br>Pr<br>Pr<br>Head  |  |                     |                     |             |                     |      |      |      | TOTAL ACRES | 1  |
| ized (  | Sec   | <u>.</u>  |  |                     |                     |             |                     |      |      |      |             | rks:                                       |
| Author  | Rng   |   |  |                     |                     |             |                     |      |      |      |             | Additional remarks:                        |
| L   | Тwp   | <i>s</i> 2  | . ,  |                     |                     |             |                     |      |      |      | 1           | Additional r                               |

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| For a change in place of use | i change in plac | e of use: |
|------------------------------|------------------|-----------|
|------------------------------|------------------|-----------|

| Does the permit holder of a | record own or control the | e land TO which t | he place of use is | being moved? |
|-----------------------------|---------------------------|-------------------|--------------------|--------------|
| ⊠ Yes □ No                  |                           |                   |                    | _            |

If NO, the landowner of the land TO which the place of use is being moved must be assigned to the permit as a permit holder of record by submitting a completed Request for Assignment form and the required statutory fee for an assignment.

#### Is the proposed place of use contiguous to the authorized place of use? \( \sqrt{Yes} \sqrt{\sqrt{No}} \)

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use unless the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

| Are there other water rights certificates, water use | permits or ground | water registrations | associated |
|--|-------------------|---------------------|------------|
| with the "from" or "to" lands? ☐ Yes ☒ No            |                   |                     |            |

If YES, list the other certificate, permit, or ground water registration numbers:



If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

#### For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

| $\boxtimes$ | Well log(s) are attached for each authorized and proposed well(s) that are clearly lab | eled and             |
|-------------|--|----------------------|
|             | associated with the corresponding well(s) in Table 1 above and on the accompanying     | g ap <b>RECEIVED</b> |
|             | map. (Tip: You may search for well logs on the Department's web page at:               |                      |
|             | http://apps2.wrd.state.or.us/apps/gw/well_log/Default.aspx)                            | FEL 0 1 2012         |
|             |  |                      |

| OR | WATER RESOURCES DEP   |  |
|----|---|--|
|    | Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that QBEGON |  |

have a well log.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide adequate information is likely to delay the processing of your transfer application. For proposed wells, we recommend that you consult a licensed well driller, geologist or certified water right examiner for the proper information needed to complete the table.

| Proposed or<br>Authorized<br>POA<br>Name or<br>Number | Is well<br>already<br>built?<br>(Yes or<br>No) | If an existing well, OWRD Well ID Tag No. L | Total<br>well<br>depth | Casing<br>Diameter | Casing<br>Intervals<br>(feet) | Seal<br>depth(s)<br>(intervals) | Perforated<br>or screened<br>intervals (in<br>feet) | Static water level of completed well (in feet) | Source<br>aquifer<br>(sand,<br>gravel,<br>basalt, etc.) | Well - specific rate (cfs or gpm). If less than full rate of water right |
|---|--|---|------------------------|--------------------|-------------------------------|---------------------------------|---|--|---|--|
| Well 15   | Yes  | 72705                                       | 260 ft                 | 14 inch            | Unk                           | 48 ft                           | Unk   | 16 ft  | Basalt  |  |
| Well 16   | Yes  | 107662                                      | 310 ft                 | 10 inch            | Unk                           | 21 ft                           | Unk   | 18 ft  | Basalt  |  |
| Well 14   | Yes  | 93564                                       | 400 ft                 | 8 inch             | Unk                           | 35 ft                           | Unk   | 65 ft  | Basalt  |  |
| Well 17   | Yes  | 35540                                       | 345 ft                 | 8 inch             | Unk                           | 71 ft                           | Unk   | 6 ft   | Basalt  |  |

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) HARN 51823 12-14-2011 WELL b

PIVOT 14 ( \$13 ?) Page 1 of 1 WELL LABEL # L 107662 START CARD # 1015574

| (1) LAND OWNER Owner Well I.D.   | To togetton or were a   |                  |  |  |
|--|---|------------------|--|--|
|  | (9) LOCATION OF WELL (legal description)  |                  |  |  |
| First Name Last Name   | County Harney Twp 22.00 S N/S Range 33  |                  |  |  |
| Address PO Box 3   | Sec 30 NW 1/4 of the SW 1/4 Tax Lo  | 300              |  |  |
| City Burns State Or Zip 97720  | Tax Map Number Lot  | DMS or DD        |  |  |
|  | Long  | DMS or DD        |  |  |
| (2) TYPE OF WORK New Well Deepening Conversion                                 | Street address of well Nearest address  |                  |  |  |
| Alteration (repair/recondition) Abandonment                                    | 72987 Cowcreek Road   |                  |  |  |
| (3) DRILL METHOD   | Burns, Or 97720   |                  |  |  |
| Rotary Air Rotary Mud Cable Auger Cable Mud                                    | (10) STATIC WATER LEVEL Date SWL(psi)   |                  |  |  |
| Reverse Rotary Other   |   | + SWL(ft)        |  |  |
| (4) PROPOSED USE Domestic Irrigation Community                                 | Existing Well / Predeepening  |                  |  |  |
| Industrial/Commercial Livestock Dewatering                                     | Completed Well 12-14-2011 Flowing Artesian? Dry Hole?   | <u>18</u>        |  |  |
| Thermal Injection Other  |   | <u> </u>         |  |  |
| (5) BORE HOLE CONSTRUCTION Special Standard Attach copy                        | WATER BEARING ZONES Depth water was first for   |                  |  |  |
| Depth of Completed Well _310.00 ft   | SWL Date From To Est Flow SWL(or 12-14-2011 35 310 400  | 18 18            |  |  |
| BORE HOLE SEAL sacks/  | 33 310 - 34   |                  |  |  |
| Dia From To Material From To Amt lbs   |   |                  |  |  |
| 14 0 21 Bentonite Chips 0 21 30 S  |   |                  |  |  |
| 10 21 310  |   | <u></u> _        |  |  |
|  | (11) WELL LOG Ground Elevation  |                  |  |  |
| How was scal placed: Method A B C D E  | Material From   | To               |  |  |
| Other powed & tamped   | Topsoil clay loam 0   | 1 1              |  |  |
| Backfill placed from ft. to ft. Material                                       | Clay brown  | 5                |  |  |
| Filter pack from ft. to ft. Material Size                                      | sand medium brown 5   | 14               |  |  |
| Explosives used: Yes Type Amount   | Clay grey 14  | 35               |  |  |
|  | Gravel sand 35<br>Clay green 65   | 120              |  |  |
| (6) CASING/LINER Casing Liner Dia + From To Gauge Sti Piste Wid Thrd           | Cinder black 120  | 130              |  |  |
|  | Purnice pink 130  | 140              |  |  |
|  | Cinders black 140   | 160              |  |  |
|  | Claystone green 160   |                  |  |  |
|  | Pumice grey DECEIVED 190  |                  |  |  |
|  | Sandstone blue green RECEIVEL 190   |                  |  |  |
| Shoe Inside Outside Other Location of shoe(s)                                  |   |                  |  |  |
| Temp casing Yes Dia From To  | FED 0.1 2012  |                  |  |  |
| (7) PERFORATIONS/SCREENS   | 1,2,7,4   |                  |  |  |
| Perforations Method  | WATER RESOURCES DEPT  | <del></del>      |  |  |
| Screens Type Material  | SALEM OREGON  |                  |  |  |
| Perf/S Casing/Screen Scrn/slot Stat # of Tele/                                 |   |                  |  |  |
| reen Liner Dia From To width length slots pipe size                            | Date Started 12-12-2011 Completed 12-14-20  | <u> </u>         |  |  |
|  | (asbonded) Water Well Constructor Certification   |                  |  |  |
|  | I certify that the work I performed on the construction, deep<br>abandonment of this well is in compliance with Oregon      |                  |  |  |
|  | construction standards. Materials used and information repor  |                  |  |  |
|  | the best of my knowledge and belief.  |                  |  |  |
| 8) WELL TESTS: Minimum testing time is 1 hour                                  | License Number Date   |                  |  |  |
| Pump Bailer Air Flowing Artesian   | Electronically Filed  |                  |  |  |
| Yield gal/min Drawdown Drill stem/Pump denth Duration (hr)                     | Signed  |                  |  |  |
| 400 310 1  | (bonded) Water Well Constructor Certification   |                  |  |  |
|  | I accept responsibility for the construction, deepening, aftera   |                  |  |  |
|  | work performed on this well during the construction dates repo  |                  |  |  |
| emperature 65 °F Lab analysis Yes By   | performed during this time is in compliance with Oregon construction standards. This report is true to the best of my known |                  |  |  |
| Water quality concerns? Yes (describe below)  From To Description Amount Units |   | rada min netrati |  |  |
| From To Description Amount Units   | License Number 1424 Date 12-14-2011 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: () 95

### STATE OF OREGON WATER SUPPLY WELL REPORT

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

RN,51475

WELL LABEL # L 93564

START CARD # 199640

| Instructions for completing this report are on the last page of this form.   |  |
|--|--|
| (1) LAND OWNER Owner Well I.D.   | (9) LOCATION OF WELL (legal description)   |
| First Name Last Name   | County HARNEY Twp 22 No Range 33 Er W W.M.   |
| Company RATTLE SNAKE LAND' CATTLE CO. Address 524 N. Huy 20  | Sec 30 SW 1/4 of the SW 1/4 Tax Lot 1800   |
| City HIMES State OR Zip 97738  |  |
|  | Tax Map Number         Lot           Lat         " or DMS or DD  |
| (2) TYPE OF WORK Well Deepening Conversion   | Long DMS or DD   |
| ☐ Alteration (repair/recondition) ☐ Abandonment  |  |
|  | Street Address of Well (or nearest address)  |
| (3) DRILL METHOD   |  |
| Rotary Air Rotary Mud Cable Auger Cable Mud  |  |
| Reverse Rotary Other   | (10) STATIC WATER LEVEL  |
| (4) PROPOSED USE Domestic Trigation Community  | Date SWL(psi) + SWL (ft)   |
| ☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection   | Existing Well/Predeepening   |
| ☐ Thermal ☐ Other  | Completed Well 7-23-cs 45  |
|  | Flowing Artesian? Yes Dry Hole? Yes  |
| (5) BORE HOLE CONSTRUCTION Special Standard: Yes (attach copy)   | WATER BEARING ZONES Depth water was first found  |
| Depth of Completed Well 460 ft.  | SWL Date From To Est Flow SWL (psi) + SWL (ft)   |
| BORE HOLE SEAL   | 7-21-01 12 23 500 5 5  |
| Dia From To Material From To Amount Scks/lbs   |  |
| 13 0 35 Bour. 0 35 74 Sex3   |  |
| 19" 35 118   |  |
| 8" 118 400   |  |
|  | (11) WELL LOG Ground Elevation 4/50  |
| How was seal placed: Method A B C D E  |  |
| Pother Pourso Day  | Material From To   |
| Backfill placed fromft. toft. Material   | GRANDY BRN. CLAY O Y SANDY BAN. CLAY GRAND Y 23  |
| Filter pack fromft. toft. MaterialSize   |  |
| Explosives used: Yes Type Amount   | GRANEL - CLAY 124 129  |
|  | LIGHT GRAY PHIMICE 129 135   |
| (6) CASING/LINER   | SOCT BROWN ROCK - CLIM 135 184   |
| Csng Linr Dia + From To Gauge Steel Plastic Welded Thrd  | BROWN ROLL 184 188   |
| × 8" + 2 118 ,250 - V  | BEULIN CLAY 188 190  |
|  | LIGHT BROWN ROCK 190 196   |
|  | DORN BAN SANDSTONE 196 238   |
|  | BRAND PUMICE 238 270 BRAND PUMICE 270 277  |
|  | SANDY CLAY 277 295   |
| Shoe Inside Outside Other Location of shoe(s)  | PHMICE- SANDY 295 317  |
| Temporary casing Yes Diameter From To  | SOFT BLACK LAVA RUCK 317 321   |
| 7.000  | GRAM PUMICE 321 335  |
| (7) PERFORATIONS/SCREENS   | Date Started 7-21-08 Completed 7-23-08   |
| Perforations Method  |  |
| Screens Type Material  | (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 trace in the construction, despending with an abandon trace in the construction, despending with an abandon trace in the construction, despending with a construction of the constructio |
| Screen slot Slot # of pipe   | construction standards. Materials used and information reported above are true to  |
| Perf Scrn Csng Linr Dia From To width length slots size  | the best of each beautiful and and built of  |
|  | License Number   |
|  |  |
| <del></del>  | Signed WATER RESOURCES DEPT  |
|  | SALEM ORFOON   |
| (8) WELL TESTS: Minimum testing time is 1 hour   | (bonded) Water Well Constructor Certification  |
| ☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian   | l accept responsibility for the construction, deepening, alteration, or<br>abandonment work performed on this well during the construction dates reported  |
| Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)   | above. All work performed during this time is in compliance with Oregon water  |
| 300 390' 2-  | supply well construction standards. This report is true to the best of my knowledge  |
|  | and belief.  |
|  | 13. 3. 4. AP   |
| Temperature Specification of the Company of the Com | License Number 1555 Date 7-24-08   |
| Water quality concerns to the describe he was a supplied to the second of the second o | Signed of the control  |
| From To Description Amount Units   | Contact Info. (optional)   |
| AHC 1 4 2008 11 2 5 200  | Contact tino, (optional)   |
| WATER DECOURAGE DEPT.  | :  |
| ORIGINAL OFFICE SORM FIRM WHAT ONE CO  | OPY FOR CONSTRUCTOR ONE COPY FOR CUSTOMER  |

#### STATE OF OREGON WATER SUPPLY WELL REPORT

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

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|-----|----|------------|----|----|----|----|
| ` [ |    | <b>A</b> ( | ٤٤ | ;  |    |    |

WELL LABEL #L 93564 START CARD# 199640

| Instructions for completing this report are on the last page of this form.   |   |  |  |  |
|--|---|--|--|--|
| (1) LAND OWNER Owner Well I.D.   | (9) LOCATION OF WELL (legal description)  |  |  |  |
| First Name  Company   Comp | County Hard Twp 2,7 Nor S Range 33 Bor W W.M  |  |  |  |
| Address 524 A. Hum 20  | Sec 30 5w 1/4 of the 5w 1/4 Tax Lot 1800  |  |  |  |
| City HINES State OR Zip 97738  | Tax Map Number Lot Lat DMS or DD  |  |  |  |
| (2) TYPE OF WORK New Well Deepening Conversion   | Long OMS or DD  |  |  |  |
| ☐ Alteration (repair/recondition) ☐ Abandonment  |   |  |  |  |
| (3) DRILL METHOD   | Street Address of Well (or nearest address) Cross To  |  |  |  |
| ☐ Kotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud  |   |  |  |  |
| Reverse Rotary Other   | (10) STATIC WATER LEVEL   |  |  |  |
| (4) PROPOSED USE Domestic Trigation Community  | Date SWL(psi) + SWL (ft)  |  |  |  |
| ☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection   | Existing Well/Predeepening  |  |  |  |
| ☐ Thermal ☐ Other  | Completed Well  |  |  |  |
| (A BODE HOLE CONCEDITION OF THE ALLEY AND A  | Flowing Artesian? Yes Dry Hole? Yes WATER BEARING ZONES Depth water was first found   |  |  |  |
| (5) BORE HOLE CONSTRUCTION Special Standard: Yes (attach copy) Depth of Completed Well ft.   |   |  |  |  |
| •  | SWL Date From To Est Flow SWL (psi) + SWL (ft)  |  |  |  |
| BORE HOLE   SEAL   |   |  |  |  |
| Dia From 10 Material From 10 Amount Seks/10  |   |  |  |  |
|  |   |  |  |  |
|  |   |  |  |  |
|  | (11) WELL LOG Ground Elevation  |  |  |  |
| How was seal placed: Method A B C D E  | Material From To  |  |  |  |
| Other ft. to ft. Material  | - CONTINUED -   |  |  |  |
| Filter pack fromft. toft. Material Size  |   |  |  |  |
| Explosives used: Yes Type Amount   | WITH GRAY CLAY 335 400  |  |  |  |
|  | SERMS   |  |  |  |
| (6) CASING/LINER   |   |  |  |  |
| Csng Linr Dia + From To Gauge Steel Plastic Welded Thrd  |   |  |  |  |
|  | RECEIVED RECEIVED   |  |  |  |
|  | HECEIVED HECEIVED   |  |  |  |
|  | AUC 1 A 2000 FED 0 1 2017   |  |  |  |
|  | 1 4 6000  |  |  |  |
| Shoe Inside Outside Other Location of shoe(s)  | WATER RESOURCES DEPT WATER RESOURCES DEPT   |  |  |  |
| Temporary casing Yes Diameter From To  | SALEM, OREGON SALEM, OREGON   |  |  |  |
| (T. PURPOR LETTONIC CORP. P. 1979)   |   |  |  |  |
| (7) PERFORATIONS/SCREENS Perforations Method Method  | Date StartedCompleted   |  |  |  |
| Screens Type Material  | (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        |  |  |  |
| Screen/ Slot # of pipe   | construction standards. Materials used and information reported above are true to   |  |  |  |
| Perf Scm Csng Linr Dia From To width length slots size   | the best of my knowledge and belief,  |  |  |  |
|  | License Number Date   |  |  |  |
|  | Discussion Number   |  |  |  |
|  | Signed  |  |  |  |
| (e) WELL TESTS. Minimum testing time is 1 hours  | (bonded) Water Well Constructor Certification   |  |  |  |
| (8) WELL TESTS: Minimum testing time is 1 hour  Pump Bailer Air Flowing Artesian   | I accept responsibility for the construction, deepening, alteration, or   |  |  |  |
| Yield gal/min   Drawdown   Drill stem/Pump depth   Duration (hr)   | abandonment work performed on this well during the construction dates reported  |  |  |  |
| 300 390 24   | 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 1355 Date 7-24-OR  |  |  |  |
| Temperature Se °F Lab analysis  Yes By   | Signed Carthur S. Jun   |  |  |  |
| Water quality concerns? Yes (describe below)   | Signed Cother of Jus  |  |  |  |
| From To Description Amount Units   | Contact Info. (optional)  |  |  |  |
| JUL 2 5 2008   |   |  |  |  |
| ONIONIAL WATER PRODURED WATER PERCURPCED DE  | CORVEOR CONSTRUCTOR ONE CORVEOR CUSTOMER  |  |  |  |

CORRECTED LOG FILED IN 225/33E-30. BEREIVE BORIGWAL/ WELL ! The original and first copy MAY 2 3 196 WATER WELL REPO of this report are to be MAY 2 3 196 WATER WELL REPO STATE ENGINEER, SALEM 10 OREGON ENGINE STATE OF OREGON within 30 days from the date of LEM OREGON. MAY 2 3 1961WATER WELL REPORT State Permit No. Drawdown is amount water level is lowered below static level (1) OWNER (11) WELL TESTS: Was a pump test made? Yes [] No If yes, by whom? Name Yield: 3 4/ gal./min. with 5 / ft. drawdown after (7) (2) LOÇATION OF WELL: Bailer test gal./min. with ft. drawdown after hrs. andy Driller's well number g.p.m. Date Artesian flow T. 215 R. 37 36 W.M. Temperature of water Co-Was a chemical analysis made? 

Yes Bearing and distance from section or subdivision corner (12) WELL LOG: Diameter of well below casing AMO Depth drilled ft. Depth of completed well Formation: Describe by color, character, size of material and structure, and show thickness of aquifiers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation. MATERIAL FROM (3) TYPE OF WORK (check): Well 🗹 Reconditioning [ Abandon 🛘 Deepening [ 20 bandonment, describe material and procedure in Item 12. 20 30 40 (5) TYPE OF WELL: (4) PROPOSED USE (check): 40 Driven 🔲 Domestic | Industrial | Municipal | Rotary Cable Jetted 🔲 06 Irrigation Test Well | Other Dug Bored 0.5 Roch Threaded | Welded (6) CASING INSTALLED: 130 2 \_\_\_ This from \_\_\_ O \_\_\_ ft. to \_\_\_ 7/\_\_\_ ft. Gage .1250 2.45 30 .... ft. to ..... ." Diam. from ... 2 45 \_ ft. Gage ...." Diam. from ..... 320 10 Perforated? | Yes | No (7) PERFORATIONS: 345 Type of perforator used Size of perforation in, by ft. perforations from ft. to . perforations from perforations from perforations from ft. to .. perforations from . WATER RESOURCES DEPT Well screen installed? ☐ Yes 💆 No (8) SCREENS: Manufacturer's Name SALEM, OREGON ... Model No. . Slot size Set from .. .. ft. to ... 19 65 Completed 196/ Work started / 2 -/ 10 Set from ... Slot size .. Diam. .... Date well drilling machine moved off of well /-196 (9) CONSTRUCTION: (13) PUMP: Well seal-Material used in seal Manifered Manufacturer's Name Depth of seal \_\_\_\_\_\_ft. Was a packer used? \_\_\_\_\_\_ft. Туре: ..... Water Well Contractor's Certification: Were any loose strata cemented off? Tyes No Depth .. Was a drive shoe used? ☐Yes ☐ No This well was drilled under my jurisdiction and this report is Was well gravel packed? | Yes | No Size of gravel; true to the best of my knowledge and belief. Thora best Gravel placed from ..... Address Bot 443 Did any strata contain unusable water? 

Yes Type of water? Depth of strata Method of sealing strata off Drilling Machine Operator's License No. (10) WATER LEVELS: Static level ft. below land surface Date / -23-460 2.... Date .2 Contractor's License No. 2. Artesian pressure lbs. per square inch Date (USE ADDITIONAL SHEETS IF NECESSARY)