



State of Oregon
 Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900

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.

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Check all items included with this application. (N/A = Not Applicable)

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Permit Amendment Application Map Checklist.
- Part 3 – Completed Permit Amendment Application – Applicant Information and Signature.
- 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-15432**.

Attachments:

- Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner).
- Permit amendment fees – Amount enclosed: \$ **1,600**.
 See <http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml#fees> 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 **not** the permit holder of record and needs to be assigned to the permit; **or** the landowner of the proposed place of use is **not** the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml>). 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 # _____.
- 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

Other/Explanation _____

Staff: _____ 503-986-0_____ Date: ____/____/____

Part 2 of 4 – Permit Amendment Map Checklist

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 not have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

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- N/A If **more than three** permits are involved, separate maps for each permit.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- 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.
- 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.
- 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 Information

APPLICANT/BUSINESS NAME Gerrit and Patricia Jager		PHONE NO. 541.548.6455	ADDITIONAL CONTACT NO.
ADDRESS 6829 NE 41st Street			FAX NO.
CITY Redmond	STATE OR	ZIP 97756	E-MAIL

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

AGENT/BUSINESS NAME Sun Country Engineering & Surveying, Inc.		PHONE NO. 541.382.8882	ADDITIONAL CONTACT NO.
ADDRESS 920 SE Armour Road			FAX NO.
CITY Bend	STATE OR	ZIP 97702	E-MAIL sce_rob@benbroadband.com

**** BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.**

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)


Is the applicant the permit holder of record? Yes No

If NO, include either:

- A completed assignment form (with required statutory assignment fee), assigning all or a portion of the permit to the applicant(s), **OR**
- An affidavit of consent from the permit holder(s) of record that gives permission for the applicant to amend the permit.

I understand that prior to Department approval of the permit amendment, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the permit is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following paper: _____.

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

	<i>Gerrit A. Jager</i> Applicant Signature	GERRIT A. Jager Print Name (and Title if applicable)	<u>03/03/2012</u> Date
	<i>Patricia M. Jager</i> Applicant Signature	Patricia M. Jager Print Name (and Title if applicable)	<u>03/03/2012</u> Date

In your own words tell us what change(s) you want made and the reason for the amendment(s): **To replace the original well that failed with the two new wells and to change the places of use to the areas actually being irrigated.**

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Check one of the following:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The permit holder(s) of record will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to the permit holder(s) of record.

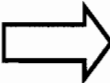
Check the appropriate box, if applicable:

- Check here if any of the permits proposed for amendment are or will be located within or served by an irrigation or other water district.

IRRIGATION DISTRICT NAME	ADDRESS	
CITY	STATE	ZIP

- Check here if water for any of the permits supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

 To meet State Land Use Consistency Requirements, you must list all local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME Harney County	ADDRESS 450 N. Buena Vista #11	
CITY Burns	STATE OR	ZIP 97720

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.
 Instructions: http://www.wrd.state.or.us/OWRD/PUBS/docs/Hints_Forms_MS_Word.doc

PERMIT # G-15432

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 Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp	Rng	Sec	¼ ¼	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Original	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	27/34-7D1	27 S	34 E	7	NW NW	900	1000' S, 600' E NW Cor. Sec. 7
Well #1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	L-05041	27 S	33 E	12	NW NE	401	20' S, 1302 E S 1/4 Cor. Sec. 1
Well #2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	L-05040	27 S	33 E	12	NE NW	400	9' S, 48' W S 1/4 Cor. Sec 1
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed							

Check all type(s) of change(s) proposed below (change “CODES” are provided in parentheses):

- | | |
|---|--|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input checked="" type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Surface water POD to Ground Water POA (SW/GW) |

Will all of the proposed changes affect the entire water use permit?

- Yes Complete only the proposed (“to” lands) section of Table 2 on the next page. Use the “CODES” listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the permit to be changed.

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Please use additional pages of Table 2 as needed

Table 2. Description of Changes to Water Use Permit # G-15432

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.

Authorized ("from" lands) as they appear before the changes										Proposed ("to" lands) after the changes									
Twp	Rng	Sec	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acreage (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Proposed Changes (see "CODES" from previous page)	Twp	Rng	Sec	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acreage (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date	
27 S	33 E	1	NE SW	400		40.0	Original		POU/POD	27 S	33 E	1	NE SW	400		37.72	Well #2		
27 S	33 E	1	SE SW	400		30.0	Original			27 S	33 E	1	SE SW	400		19.62	Well #2		
										27 S	33 E	1	NW SW	500		2.73	Well #2		
										27 S	33 E	1	SW SW	500		0.07	Well #2		
27 S	33 E	1	NE NE	401		35.0	Original			27 S	33 E	1	NE NE	401		8.16	Well #1		
27 S	33 E	1	NW NE	401		35.0	Original			27 S	33 E	1	NW NE	401		7.92	Well #1		
27 S	34 E	7	NW NW	900	GL2	25.0	Original			27 S	34 E	7	NW NW	900		22.91	Well #1		
										27 S	34 E	7	SW NW	900		0.43	Well #1		
TOTAL ACRES										TOTAL ACRES									
										99.56									

Additional remarks: _____.

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For a change in place of use:

Does the permit holder of record own or control the land TO which the 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? Yes 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:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application 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)**

OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not 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 Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L-____	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well - specific rate (cfs or gpm). If less than full rate of water right
NA										

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Original and State with the STATE ENGINEER, ALBEM. OREGON

WATER WELL DRILLERS REPORT STATE OF OREGON

Do Not State Well No. Fill In State Permit No.

(1) OWNER: Name Alfred OLTMAN Address PRINCETON OREGON

(2) LOCATION OF WELL: County Harney Owner's number, if any- R. F. D. or Street No. Bearing and distance from section or subdivision corner 1300 FT SOUTHWEST FROM NW CORNER SEC 7 T12P03 RANGE 34 EWP

(3) TYPE OF WORK (check): New well [X] Deepening [] Reconditioning [] Abandon []

(4) PROPOSED USE (check): Domestic [] Industrial [] Municipal [] Irrigation [X] Test Well [] Other [] (5) EQUIPMENT: Rotary [] Cable [X] Dug Well []

CASING INSTALLED: Threaded [] Welded [X] Table with columns: FROM, ft. to, ft., Diam., Gage or Wall, Diameter of Bore, from ft., to ft.

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

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

CONSTRUCTION: Was a surface sanitary seal provided? [] Yes [] No To what depth ft. Were any strata sealed against pollution? [] Yes [] No

METHOD OF SEALING

(9) WATER LEVELS: Depth at which water was first found 50 ft. Standing level before perforating 33 ft. Standing level after perforating ft.

Log Accepted by: [Signed] Owner Dated , 19

(10) WELL TESTS: (1491) Was a pump test made? [] Yes [] No Yield: 200 gal./min. with 14 ft. draw down after 14 hrs. 350 " 14 " 140 " 800 " 14 " 73 "

(11) WELL LOG: Diameter of well, 14 inches. Total depth 176 ft. Depth of completed well 176 ft. Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

0 ft. to 40 ft. brown soil with loose rock 40 " 50 " cemented gravel 50 " 60 " loose sand + gravel with water 60 " 78 " brown clay with sand mixed fine 78 " 95 " hard clay 95 " 140 " multi-colored rock + purple between layers of clay 140 " 170 " multi-colored rock + purple picked up some water 170 " 176 " same with strong flow of water

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

Well Driller's Statement: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME FORREST SKINNER (Person, firm, or corporation) (Typed or printed) Address CRANE OREGON Driller's well number

[Signed] (Well Driller) License No. 45 Dated 4-26, 1960

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WELL I.D.# L05041

Well #1 harn

MAR - 7 1997

STATE OF OREGON 50135
WATER SUPPLY WELL REPORT WATER RESOURCES DEPT.
(as required by ORS 537.765)

(START CARD) # W/85990

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

(1) OWNER: Well Number _____

Name Roger Harworth
Address P.O. Box 3030
City Princeton State OR Zip 97721

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

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 300 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
<u>18"</u>	<u>0</u>	<u>22'</u>	<u>Cement</u>	<u>-2'</u>	<u>22'</u>	<u>21</u>
<u>22"</u>						
<u>12"</u>	<u>22'</u>	<u>300'</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>12"</u>	<u>+2</u>	<u>98'</u>	<u>250</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 98'

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>NONE</u>							

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

Yield gal/min	Drawdown	Drill stem at	Time
<u>1100</u>	<u>34'</u>		<u>1 hr.</u>

Pump Bailer Air Flowing
 Artesian

Temperature of water 63 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____

Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____

Depth of strata: 64' - 81'

(9) LOCATION OF WELL by legal description:

County Harney Latitude _____ Longitude _____
Township 27 N or S Range 33 E or W. WM.
Section 12 NW 1/4 NE 1/4
Tax Lot 400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 1/2 mile west of Old Princeton

(10) STATIC WATER LEVEL:
16 ft. below land surface. Date 2-24-97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 16 Feet

From	To	Estimated Flow Rate	SWL
<u>16'</u>	<u>17'</u>	<u>5 GPM</u>	<u>16</u>
<u>64'</u>	<u>87'</u>	<u>100 GPM</u>	<u>16</u>
<u>176'</u>	<u>264'</u>	<u>500 GPM</u>	<u>16</u>
<u>264'</u>	<u>276'</u>	<u>200 GPM</u>	<u>16</u>

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
<u>Sandy loam</u>	<u>0</u>	<u>3</u>	
<u>Brown clay</u>	<u>3</u>	<u>64</u>	<u>16</u>
<u>Brown sand</u>	<u>64</u>	<u>87</u>	<u>16</u>
<u>Sandstone Brown</u>	<u>87</u>	<u>176</u>	<u>16</u>
<u>Claystone Brown</u>	<u>176</u>	<u>264</u>	<u>16</u>
<u>Brown clay with coarse sand</u>	<u>264</u>	<u>276</u>	
<u>Brown clay</u>	<u>276</u>	<u>300</u>	<u>16</u>

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Date started 1-25-97 Completed 2-24-97

(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 1435
Signed Joe Valentine Date 2-24-97

Well #2

HARN 50151

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APR 28 1997

WELL # L05040

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

(START CARD) # 85489

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

(1) OWNER: Well Number 2

Name Roger Hawthorn
Address P.O. Box 3030 Princeton
City Princeton State OR Zip 97721

(2) TYPE OF WORK

[X] New Well [] Deepening [] Alteration (repair/recondition) [] Abandonment

(3) DRILL METHOD:

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

(4) PROPOSED USE:

[] Domestic [] Community [] Industrial [X] Irrigation
[] Thermal [] Injection [] Livestock [] Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval [] Yes [X] No Depth of Completed Well 514 ft.
Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, Material, SEAL From, To, Sacks or weight. Includes handwritten entries for 18" and 12" diameters.

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

Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes handwritten entry for 12" casing.

Final location of shoe(s) 128'

(7) PERFORATIONS/SCREENS:

Table with columns: From, To, Slot size, Number, Diameter, Material, Casing, Liner. Includes handwritten 'None'.

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

Table with columns: Pump, Bailer, Air, Flowing Artesian, Yield gal/min, Drawdown, Drill stem at, Time. Includes handwritten values 50 and 3'.

Temperature of water 55 Depth Artesian Flow Found
Was a water analysis done? [] Yes By whom
Did any strata contain water not suitable for intended use? [X] Too little
[] Salty [] Muddy [] Odor [] Colored [] Other
Depth of strata: 72'

SALEM, OREGON (9) LOCATION OF WELL by legal description:

County Harney Latitude Longitude
Township 27 N or S Range 33 E or W. WM.
Section 1 E 1/4 SW 1/4
Tax Lot 400 Lot Block Subdivision
Street Address of Well (or nearest address) 1/2 mile west of Old Princeton

(10) STATIC WATER LEVEL:

30 ft. below land surface. Date 4/19/97
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 30'

Table with columns: From, To, Estimated Flow Rate, SWL. Includes handwritten data for various depths.

(12) WELL LOG:

Ground Elevation

Table with columns: Material, From, To, SWL. Includes handwritten entries: Sandy loam, Brown clay, Brown sand, Gray sand stone.

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Date started 3/5/97 Completed 4/19/97

(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.

Signed George M. Valentine WWC Number 1675 Date 4/19/97

(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.

Signed Joe Valentine WWC Number 1435 Date 4/19/97