

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 5 - Minimum Requirements Checklist

This permit amendment application will be returned if Parts 1 through 5
and all required attachments are not completed and included.
For questions, please call (503) 986-0900, and ask for Transfer Section.

		0.0004
Che	ck all items included with this application. (N/A = Not Applicable)	MAY 0 3 2021
\boxtimes	Part 1 – Completed Minimum Requirements Checklist.	Salem, OR
\boxtimes	Part 2 – Completed Application Map Checklist.	•
\boxtimes	Part 3 – Application Fee, payable by check to the Oregon Water Resources Depart completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator . If you have questions, can Service at (503) 986-0801.	
\boxtimes	Part 4 – Completed Applicant Information and Signature.	
\boxtimes	Part 5 – Information about Permits to be Amended: Number of permits to be am List the Permits here: <u>G-17647</u> Please include a separate Part 5 for each permit. (See instructions on page 6)	ended: <u>1</u>
\boxtimes	Completed Permit Amendment Application Map (Does not have to be prepared by Water Right Examiner).	y a Certified
	N/A Request for Assignment Form and statutory fee. The request for assignment form completed if the applicant is not the permit holder of record and needs to be assignermit; or the landowner of the proposed place of use is not the permit holder of needs to be assigned to the permit (the Request for Assignment Form is available https://www.oregon.gov/OWRD/Forms/Pages/default.aspx). Assignment is not no applicant is the permit holder of record.	ned to the record and online at
	N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the perm to the applicant or other permit holders of record that are not listed as applicants.	nit is not assigned
	N/A Oregon Water Resources Department's Land Use Information Form with approva (or signed land use form receipt stub) from each local land use authority in which diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, only on federal lands or if all of the following apply: a) a change in place of use of structural changes, c) the use of water is for irrigation only, and d) the use is located irrigation district or an exclusive farm use zone.	water is to be, and/or used nly, b) no
\boxtimes	N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or point(s) of appropriation.	additional
	N/A Geologist Report for a change from a surface water point of diversion to a ground appropriation (well), if the proposed well is more than 500 feet from the surface water more than 1000 feet upstream or downstream from the point of diversion. (ORS 5)	vater source and
	(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 Additional signature(s) required Part is incomplete Other/Explanation	
	Staff:503-986-0 Date://	I

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. Received by OWRD

	⊠ N/A	If more than three permits are involved, separate maps for each permit. MAY 0 3 2021
\boxtimes		Permanent quality printed with dark ink on good quality paper.
\boxtimes		Salem, OR The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is 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°).

	FEE WORKSHEET for PERMIT AMENDMENT	, 77,	i na
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	1	\$1,160
	Types of change proposed:		1
	Place of Use	1	
	Point of Diversion/Appropriation		
	Number of above boxes checked = $\frac{1(2a)}{a}$		
	Subtract 1 from the number in line $2a = 0$ (2b) If only one change, this will be 0	1	
	Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » »		
2		2	\$0
	Number of permits included in Permit Amendment 1 (3a)		1
	Subtract 1 from the number in 3a: 0 (3b) If only one permit this will be 0		
3	Multiply line 3b by \$520 and enter » » » » » » » » » » » » » »	3	\$0
	Do you propose to add or change a well, or change from a surface water POD		
	to a well?		
	No: enter 0 » » » » » » » » » » » » » » » » » »		
4	X Yes: enter \$410 x x x x x x x x x x	4	\$410
	Do you propose to change the place of use?	Rece	ived by OWF
1	No: enter 0 on line 5 » » » » » » » » » » » » » » » » »		
	Yes: enter the cfs for the portions of the permits to be amended (see		AY 03 2021
	example below*):(5a)	"	HAI 0 3 2021
	Subtract 1.0 from the number in 5a above: (5b)	l .	D-1 OD
	If 5b is 0, enter 0 on line 5 » » » » » » » » » » » » » » » »	,	Salem, OR
] _	If 5b is greater than 0, round up to the nearest whole number: (5c)	_	•
5	and multiply 5c by \$350, then enter on line 5 » » » » » » » »	5	\$0
6	Add entries on lines 1 through 5 above » » » » » » » » » Subtotal:	6	\$1,570
	Is this permit amendment:		
	necessary to complete a project funded by the Oregon Watershed		
	Enhancement Board (OWEB) under ORS 541.932?		
	endorsed in writing by ODFW as a change that will result in a net		
	benefit to fish and wildlife habitat?		
	If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 »	_	
7	If no box is applicable, enter 0 on line 7» » » » » » » » » » » » » » » »	7	\$0
8	Subtract line 7 from line 6 » » » » » » » » Permit Amendment Fee:	8	\$1,570

*Example for Line 5a calculation to transfer 45.0 acres of Primary Permit S-12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Permit S-87654 (1/80 cfs per acre) on the same land:

- 1. For irrigation calculate cfs for each permit involved as follows:
 - a. Divide total authorized cfs by total acres in the permit (for S-12345, 1.25 cfs \div 100 ac); then multiply by the number of acres to be changed to get the application cfs (x 45 ac = 0.56 cfs).
 - b. If the water right permit does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (For S-87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs)
- 2. Add cfs for the portions of permits on all the land included in the application; however do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land. The fee should be assessed only once for each "on the ground" acre included in the application. (In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0).

Part 4 of 5 - Applicant Information and Signature

Applicant	Inform	ation
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APPLICANT/BUSINESS N	IAME		PHONE NO.	ADDITIONAL CONTACT NO.
Otley Bros., Inc.			541-493-2702	
ADDRESS				FAX NO.
40926 S Diamond Ln				
CITY	STATE	ZIP	E-MAIL	
Diamond	OR	97722		
By PROVIDING AN	E-MAIL ADDRESS,	CONSENT IS G	IVEN TO RECEIVE ALL	CORRESPONDENCE FROM THE
				ENTS WILL ALSO BE MAILED.

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

AGENT/BUSINESS NAM John A. Short / Wate		C	PHONE NO. 541-389-2837	ADDITIONAL CONTACT NO.			
ADDRESS PO Box 1830				FAX NO.			
CITY	STATE	ZIP	E-MAIL				
Bend	[OR	97709	johnshort@usa.com				
				CORRESPONDENCE FROM THE ENTS WILL ALSO BE MAILED.			

Explain in your own words what you propose to accomplish with this permit amendment; and why:
Add new wells to the permit.
<u>, , , , , , , , , , , , , , , , , , , </u>
If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

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? \boxtimes Yes \square No

If NO, include either:

- N/A 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 N/A applicant to amend the permit.

Has the Completion ("C") Date of the permit(s) in this application expired? \square Yes \bowtie No

If YES, this application will not be accepted by the Department.

If NO, what are the completion dates of the permit(s)? 8-30-2021

- If the permit completion date expires while the Permit Amendment Application is pending, the Department will not approve the Permit Amendment Application until an Extension of Time Application is approved for the permit.
- You may consider using the Reimbursement Authority process to expedite the processing of this Permit Amendment Application if the completion date of the permit expires within 6 months of the date of filing this application.

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By my signature below, I confirm that I understand:

• 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 newspaper: **Burns Times-Herald**.



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

Applicant Signature	Hey Bras. Inc. President Print Name (and Title if applicable)	$\frac{3/1/2}{\text{Date}}$
Applicant Signature	Fred I. Otky Print Name (and Title if applicable)	Date

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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 final order is issued. Copies of notices and correspondence should be sent to the permit holder 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 serve by an irrigation or other water district. RRIGATION DISTRICT NAME ADDRESS	Check one of the following:		
final order is issued. Copies of notices and correspondence should be sent to the permit holder 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 serve by an irrigation or other water district. RERIGATION DISTRICT NAME N/A CITY STATE ADDRESS N/A 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 N/A 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 ADDRESS ADDRESS STATE ZIP STATE ZIP STATE ZIP BUTOS OR ADDRESS			Notices and correspondence should
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Burns OR 97720 ENTITY NAME ADDRESS	city, municipal corporation, or tribal go conveyed or used. ENTITY NAME	vernment) within whose ju	•
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Salem, OR

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Please use a separate Part 5 for each permit being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

PERMIT # G-17647

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)		wp.	R	ng	Sec	1/4 1/4		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
#1 (WELL BV1)		L-55909 LOG NOT FOUND	29	s	31	E	9	SE	NW	TL 200	1828' S, 1429' E of NW Cor Sec 9
#2 (WELL BV2)		HARN 51892/ L-109045	29	s	31	E	9	SE	NW	TL 200	1657' S, 1608' E of NW Cor Sec 9
#3 (WELL BV3)	□ Authorized □ Proposed	HARN 51895/ L-109043	29	S	31	E	9	NW	NW	TL 200	805' S, 891' E of NW Cor Sec 9
#4 (WELL BV4)		HARN 51894/ L-109042	29	S	31	E	9	SE	NW	TL 200	2271' S, 2184' E of NW Cor Sec 9
#5 (WELL BV5)	☐ Authorized☐ Proposed		29	s	31	E	9	NE	SE	TL 200	3920' S, 4937' E of NW Cor Sec 9
#6	☐ Authorized ☐ Proposed	HARN 52808/ L-134205	29	S	31	E	9	NE	SE	TL 200	3320' S, 5280' E of NW Cor Sec 9
#7	☐ Authorized ☐ Proposed	HARN 52101 & 52885/ L-115029	29	s	31	E	8	NE	SE	TL 101	2770' S, 230' W of NW Cor Sec 9
#8	☐ Authorized ☐ Proposed	HARN 52802/ L-134204	29	s	31	E	9	NW	NE	TL 200	460' S, 3930' E of NW Cor Sec 9
#9	☐ Authorized ☐ Proposed	HARN 52801/ L-134203	29	s	31	E	9	NW	NE	TL 200	1050' S, 3270' E of NW Cor Sec 9
#10	☐ Authorized ☐ Proposed	HARN 52616/ L-123042	29	s	31	E	9	NW	SE	TL 200	3180' S, 3900' E of NW Cor Sec 9

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Chack a	all tyne	e(s) of change(s) proposed below (c	hange	"CODES" are provided in parentheses):		
		of Use (POU)		Point of Appropriation/Well (POA)		
		of Diversion (POD)		Additional Point of Appropriation (APOA)		
		tional 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" la "CODES" listed above to describe the		ection of Table 2 on the next page. Use the posed changes.		
<u> </u>	No	Complete all of Table 2 to describe	the po	rtion of the permit to be changed.		
For a change	in nla	ace of use.				
_	mit ho		and T	O which the place of use is being moved?		
as a permit	t holde			s being moved must be assigned to the permit quest for Assignment form and the required		
Is the propos	sed pla	ce of use contiguous to the authori	zed pl	ace 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.						
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				MAY 0 3 2021		
				Salem, OR		

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

Table 2. Description of Changes to Water Use Permit # G-17647

List the change proposed for the acreage in each ½ ¼. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

Т			ng ly tl	that	appe art or	ars or	the c	ertific NGES e wate Gvt Lot or	r right that	will be char POD(s) or POA(s) (name or	Proposed Changes (see "CODES" from previous page)	T	wp	A.	e lis	ting	as it v		appear are	AFTE made Gvt Lot or	A grae	POD(s) or POA(s) to be	GES Priority Date
									Y.C.		EXAMI	LE											
2	S	9	E	15	NE.	NW	100		15:0	POD #1 POD #2	POU/POD	2	S	9	E	15	NW	NW	100	. i.*	10.0	POD#5	
66	66	66	66	- 66	6	.66	- 66	~" J	EXAMPLE	"	"	2	S	9	E	15	SW	NW	,200	7/1	5.0	POD #6	
											APOA	29	S	31	E	8	NE	NE	101		26.0	#1-10	8-11-2015
												"	"	66	*	"	SE	NE	101		37.0	66	"
												"	66	66	"	66	NE	SE	101		16.0	66	66
												"	"	66	"	"	NW	SE	101		9.0	66	66
											No redige	"	"	"	"	9	sw	NE	200		21.0	66	66
												"	"	"	"	"	NE	NW	200		35.0	66	66
												"	66	"	66	66	NW	NW	200		40.0	66	44
												"	"	66	"	"	sw	NW	101		40.0	66	"
												"	"	"	"	66	SE	NW	200		35.0	66	66
												66	66	66	"	66	NE	sw	200		39.0	"	66

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	29 S 31 E 9	NW SW 101	26.0	#1-10	8-11-2015
	cc cc cc cc cc	NE SE 200	33.0	"	"
	66 66 66 66	NW SE 200	28.0	66	"
	cc cc cc cc cc	SW SE 101	3.0	66	
		SE SE 101	38.0	66	"
TOTAL ACRES		TOTAL ACRES	426.0		

Additional remarks: _____.

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rerint # <u>G-17047</u>	
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://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx)	
AND/OR	
Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For <i>proposed wells not yet constructed or built</i> , provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.	

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 the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

30	urce aqui	.101.								*
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
1	Yes	L-55909 (LOG NOT FOUND)	200'	8"	+2-40'	0-20'	,	27'	Clay, Sand, Pumice	
2	Yes	L-109045	200'	14"	+2-40'	0-20'		27'	Clay, Sand, Pumice	
3	Yes	L-109043	250'	14"	+2-60'	0-20'		35'	Clay, Sand, Pumice	
4	Yes	L-109042	210'	14"	+2-40'	0-40'		29'	Clay, Sand, Pumice	
5	No		220'	10"	+2-18'	0-18'	Recei	71' ved by O\	Clay, Pumice	

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
6	Yes	L-134205	220'	10"	+2-18'	0-18'		71'	Clay, Pumice	
.7	Yes	L-115029	310'	8" & 6"	2-40', 10-310'	0-18'		35'	Clay, Sand	
8	Yes	L-134204	340'	8"	+2-99'	0-40'		33'	Brown Sandy Clay	
9	Yes	L-134203	146'	6"	+1-140'	0-95', 140-145'		59'	Grey Sandstone, Grey Rock	
10	Yes	L-123042	314'	12'	+3-78'	0-45'		39'	Light Brown Sandstone	

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STATE OF OREGON

HARN 51892

Page 1 of 1 WELL I.D. LABEL# L 109045

			START CARD#	1010207	
WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)	11/1	/2012	ORIGINAL LOG#		
(1) LAND OWNER Owner Well I.D.					
First Name MARY Last Name OTLEY		(9) LOCATI	ON OF WELL (legal d	lescription)	
Company			Twp 29.00 S N		00 E E/W WM
Address 40926 S DIAMOND LANE	_		E 1/4 of the NW		
City DIAMOND State OR Zip 97722		Tax Map Numbe			
	onversion	Lat°_	' " or		DMS or DD
Alteration (complete 2a & 10) Abandonment (2a) PRE-ALTERATION	(complete 5a)	Long	' " or		DMS or DD
Dia + From To Gauge Stl Plstc Wld Thro	i	€ Stre	eet address of well Ne	arest address	
Casing:		BUENA VISTA			
Material From To Amt sacks/lbs		HWY 205			
Seal:		(10) STATIC	WATER LEVEL		
(3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mu	ı.đ	(IV) SIAIIC	Date	SWL(psi)	+ swl(ft)
Reverse Rotary Other	ıu		ll / Pre-Alteration		
		Completed V			27
4) PROPOSED USE Domestic Irrigation Commun	ity		Flowing Artesian?	Dry Hole?	
Industrial/ Commericial Livestock Dewatering		WATER BEARIN	NG ZONES Depth wa	ater was first fou	nd 27.00
Thermal Injection Other		SWL Date	From To Est	Flow SWL(psi	i) + SWL(ft)
5) BORE HOLE CONSTRUCTION Special Standard	(Attach copy	(1)	27 190	600	27
Depth of Completed Well 200.00 ft.	_ (on	11/1/2012	21 190	000	 ' -
BORE HOLE SEAL	sacks	, 			
Dia From To Material From To	Amt lbs	_			
18 0 20 Bentonite Chips 0 20	24 S	4			
14 20 40 12 40 200	 	∥ —		•••	
12 40 200	 	(11) WELL I	OG Ground Elevatio	n	
How was seal placed: Method A B C D	E	4	Material	From	То
Other POURED & TAMPED		Topsoil sandy lo	·	1 0	2
Backfill placed from ft. to ft. Material		conglomerent ce		2	35
Filter pack from ft. to ft. Material Siz		rock grey green		35	85
Explosives used: Yes Type Amount		pumice stone		85	92
		claystone yellow		92	95
5a) ABANDONMENT USING UNHYDRATED BENTON Proposed Amount Actual Amount	MIIL	sandstone pumice		100	100
		claystone tan		108	132
6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plst	to Wild Thed	clay yellow		132	137
● 14 × 2 40 .250 ● C		clay green	Received by OWI	RD 137	140
	18 8	claystone blue		140	163
		clay blue	MAY A 9 2024	163	172
		clay blue	MAY 0 3 2021	188	200
Shoe Inside Outside Other Location of shoe(s)			Salem, OR		
Temp casing Yes Dia From To		<u> </u>			
7) PERFORATIONS/SCREENS		i 			
Perforations Method		ļ	 		
Screens Type Material	C TD 1 /	Date Started 1	0/30/2012 Com	plete <u>11/1/20</u>	12
Perf/ Casing/ Screen Scm/slot Slot # Screen Liner Dia From To width length slo	of Tele/ ots pipe size	(unbonded) Wa	ter Well Constructor Certifi	cation	
Solven Black From To Width length Sic	Dipo size		work I performed on the co		ening, alteration, or
			f this well is in compliance		
			ndards. Materials used and in	formation report	ed above are true to
		_	nowledge and belief.		
		License Number	· D:	ate	
8) WELL TESTS: Minimum testing time is 1 hour		Signed			
	g Artesian				
Yield gal/min Drawdown Drill stem/Pump depth Duration	ı (hr)	` ′	Well Constructor Certificat		
600 190 1			ibility for the construction, d		
			on this well during the constru g this time is in complianc		
Temperature 60 °F Lab analysis Yes By			dards. This report is true to th		
		License Number	-	ate 11/1/2012	ū
Water quality concerns? Yes (describe below) TDS amount From To Description Amount	nt Units	Jacobso Humber	1424 Da	11/1/2012	
	\perp				
		Contact Info (opt	tional)		

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

HARN 51895

11/5/2012

	_	rage 1 01 1
WELL I.D. LABEL# L		
START CARD#	1018010	
ORIGINAL LOG#		1

(1) LAND OWNER Owner Well I.D.		
First Name MARY Last Name OTLEY	(9) LOCATION OF WELL (legal description)	
Company	County HARNEY Twp 29.00 S N/S Range 31.00	E F/W WM
Address 40926 S DIAMOND LANE	County HARNET TWP 27.00 B 14/8 Range 31.00	<u>nn</u>
City DIAMOND State OR Zip 97722	Sec 9 NW 1/4 of the NW 1/4 Tax Lot 20	
5.0	Tax Map Number Lot	
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat " or Long " or	DMS or DD
Alteration (complete 2a & 10) Abandonment(complete 5a) (2a) PRE-ALTERATION	Long or	DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address	
Casing:	BUENA VISTA	
Material From To Amt sacks/lbs	HWY 205	
Seal:		
(3) DRILL METHOD	(10) STATIC WATER LEVEL	
Rotary Air Rotary Mud Cable Auger Cable Mud	Date SWL(psi)	SWL(ft)
	Existing Well / Pre-Alteration	
Reverse Rotary Other	Completed Well 10/13/2012	35
(4) PROPOSED USE Domestic X Irrigation Community	Flowing Artesian? Dry Hole?	
Industrial/ Commercial Livestock Dewatering	WATER BEARING ZONES Depth water was first found	35.00
	·	
ThermalInjectionOther	SWL Date From To Est Flow SWL(psi)	+ SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)	10/13/2012 35 215 300	35
Depth of Completed Well 250.00 ft.		
BORE HOLE SEAL sacks/		
Dia From To Material From To Amt lbs		
18 0 20 Bentonite Chips 0 20 24 S		
14 20 60		
12 60 250	(41) WELL LOC	
	(11) WELL LOG Ground Elevation	
How was seal placed: Method A B C D E	Material From	То
Other POURED & TAMPED	Topsoil sandy loam 0	3
Backfill placed from ft. to ft. Material	sand medium 3	8
Filter pack from fl. to fl. Material Size	clay yellow 8	22
<u> </u>	sand cemented Received by OWRD 22	48
Explosives used: Yes Type Amount	pumice 48	69
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	sand cemented 69	80
Proposed Amount Actual Amount	pumice and claystone MAY 0 3 2021 80	95
(C) CIACON TAIRD	claystone brown 95	118
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	claystone yellow 118	127
● 14 × 2 60 .250 ● X	claystone brown Salem, OR 127	136
	claystone green blue 136	157
	clay blue 157	210
	claystone pumice conglomerent 210	215
	clay blue 215	250
		ļ
Shoe Inside Outside Other Location of shoe(s)		
Temp casing Yes Dia From To		
(7) PERFORATIONS/SCREENS		
Perforations Method		
Screens Type Material	Date Started 10/8/2012 Complete 10/13/2013	2.
Perf/ Casing/ Screen Scm/slot Slot # of Tele/	Duto State of 10/15/2012	
Screen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification	
	I certify that the work I performed on the construction, deepen	
	abandonment of this well is in compliance with Oregon w	
	construction standards. Materials used and information reported	above are true to
	the best of my knowledge and belief.	
	License Number Date	
(8) WELL TESTS: Minimum testing time is 1 hour		
Pump Bailer Air Flowing Artesian	Signed	
	(bonded) Water Well Constructor Certification	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 300 240	[` · · ·	
300 240	I accept responsibility for the construction, deepening, alteration	
	work performed on this well during the construction dates reported	
<u> </u>	performed during this time is in compliance with Oregon w	
Temperature 60 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowl	cuge and benef.
Water quality concerns? Yes (describe below) TDS amount From To Description Amount Units	License Number 1424 Date 11/5/2012	
From To Description Amount Units	Signed and commerce of the	
	Signed TIMOTHY K RILEY (E-filed)	
	Contact Info (optional)	
ODICINAL WATER RESOURCES D	EDADEN (ENT	

STATE OF OREGON

HARN 51894

Page 1 of 1 WELL I.D. LABEL# L 109042 START CARD # 1017944

WATER SUPPLY WELL REPORT	11/5/2012	-	U17944 T	
(as required by ORS 537.765 & OAR 690-205-0210)	11/5/2012	ORIGINAL LOG#		
(1) LAND OWNER Owner Well I.D.				
First Name MARY Last Name OTLEY	_	OCATION OF WELL (legal des	cription)	
Company		HARNEY Twp 29.00 S N/S		E F/W WM
Address 40926 S DIAMOND LANE	- Coanty	SE 1/4 of the NW 1/4	4 Tax Lot 200	
City DIAMOND State OR Zip 97722				
2) TYPE OF WORK New Well Deepening Conversion	n lax Ma	p Number ' or		DMS or DD
Alteration (complete 2a & 10) Abandonment(complete	ete 5a) Lat _	ror		
2a) PRE-ALTERATION	Long _	o ' " or " or " or " or " Neare		_ DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd			st address	
Casing:	BUEN	A VISTA		
Material From To Amt sacks/lbs	HWY	205		
Seal:				
(3) DRILL METHOD	— (10) S	TATIC WATER LEVEL		G1117 (O)
Rotary Air Rotary Mud Cable Auger Cable Mud	FE	Date isting Well / Pre-Alteration	SWL(psi) +	SWL(ft)
Reverse Rotary Other		mpleted Well 10/8/2012	┼──┤╞╉	29
	<u></u> ≌	Flowing Artesian?	Dry Hole?	
(4) PROPOSED USE Domestic Irrigation Community				
Industrial/Commericial Livestock Dewatering	WATER	R BEARING ZONES Depth water	was first found 2	29.00
Thermal Injection Other	SWL	Date From To Est Fl	ow SWL(psi)	+ SWL(ft)
5) BORE HOLE CONSTRUCTION Special Standard (Attac	th copy)	/2012 20 210 600		20
Depth of Completed Well 210.00 ft.	Sept 10/8	/2012 29 210 600	'- 	29
BORE HOLE SEAL				
Dia From To Material From To Amt	sacks/			
18 0 40 Bentonite Chips 0 40 40	s -			
12 40 210 Bentome Cinps 0 40 10	 			
				
	(11) W	VELL LOG Ground Elevation		
How was seal placed: Method A B C D E		Material	From	To
	topsoil	sandy loam	0	3
Backfill placed from ft. to ft. Material	sand m	edium	3	8
Filter pack from ft. to ft. Material Size	sand ce	mented	8	48
	sandsto	one brown Received by O\	NRD 48	54
Explosives used: Yes Type Amount	rock gr	ey green	54	63
5a) ABANDONMENT USING UNHYDRATED BENTONITE	rock gr		63	86
Proposed Amount Actual Amount	sandsto	one tan green grey MAY () 3 202		105
6) CASINC/I INED	pumice		105	117
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld		ne yellow pumice grey	117	123
	claysto	ne brown Salem, OR		127
	 -	claystone	127	141
		ne yellow	141	145
		ne brown ne yellow	147	153
	1	claystone	153	167
Shoe Inside Outside Other Location of shoe(s)	clay blu		167	172
Temp casing Yes Dia From To		ne grey	172	208
		ne blue	208	210
7) PERFORATIONS/SCREENS				
Perforations Method				
Screens Type Material		Started 10/2/2012 Complete	ete 10/8/2012	
•	Tele/ toe size (unbor	nded) Water Well Constructor Certificat	tion	
Screen Liner Dia From To width length slots pip	, ,	y that the work I performed on the const		g, alteration, or
		nment of this well is in compliance		
		action standards. Materials used and infor		
	the bes	t of my knowledge and belief.		
	Licens	e Number Date		
8) WELL TESTS: Minimum testing time is 1 hour				
•	Signed			
Pump Bailer • Air Flowing Artesis		DWA WHO A TAKE OF CONTRACT		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	¬ I`	d) Water Well Constructor Certification		
600 200		t responsibility for the construction, deep		
		erformed on this well during the construction		
		ned during this time is in compliance of ction standards. This report is true to the b		
Temperature 60 °F Lab analysis Yes By				obe mid belief.
Water quality concerns? Yes (describe below) TDS amount From To Description Amount Un	its License	Number 1424 Date	11/5/2012	
Description Amount of		TIMOTHY K RILEY (E-filed)		
		t Info (optional)		
	Contac	i mio (optional)		

STATE OF OREGON

HARN 52808

rage 1 of 1 WELL I.D. LABEL# L 134205 START CARD # 1043589

(as required by ORS 537.765 & OAR 690-205-0210)	7/23/	2019	ORIG	INAL LOG	#		
1) LAND OWNER Owner Well I.D.							
First Name FRED Last Name OTLEY		(9) LOCAT					
Company Address HC 72 BOX 30		County <u>HARNE</u>	Y Twp 2	29.00 S	_N/S R	Range 31.00	E E/W WN
Address HC 72 BOX 30 City DIAMOND State OR Zip 97722 2) TYPE OF WORK New Well Deepening Co		Sec <u>9</u>	<u>NW</u> 1/4 c	of the <u>NE</u>	1/4	Tax Lot 20	0
2) TYPE OF WORK New Well Deepening Co	onversion	Tax Map Numb	er	" or			DMS or DD
Alteration (complete 2a & 10) Abandonment	(complete 5a)	Long	,	or or			_ DMS or DD
2a) PRE-ALTERATION Dia + From To Gauge Stl Plstc Wld Three	i	C St	reet address of	well 💽	Nearest a	ddress	
Casing: O C		BUEANA VIS	TA AND HW	Y 205		-	
Material From To Amt sacks/lbs		<u></u>					
Seal:		(10) STATI	C WATER	LEVEL			
Rotary Air Rotary Mud Cable Auger Cable Mu	d			D	Date SV	WL(psi) +	SWL(ft)
Reverse Rotary Other		Completed	ell / Pre-Altera Well	7/11/20	110		71
4) PROPOSED USE Domestic X Irrigation Commun	itv	l company		g Artesian?	Dr	y Hole?	
Industrial/ Commercial Livestock Dewatering		WATER BEAR	ING ZONES	Depth	⊐ ı water wa	ıs first found	
Thermal Injection Other		SWL Date	From	-		SWL(psi)	
5) BORE HOLE CONSTRUCTION Special Standard	(Attach conv)	7/11/2019	73	160	100		71
Depth of Completed Well 220.00 ft.	7(virgon cob3)	7/11/2019	- 13	160	100	+	
BORE HOLE SEAL	sacks/						
	Amt 1bs						
14 0 18 Bentonite 0 18 10 18 220 Calculated	13 S	¦ L	_		<u> </u>	l	
		(11) WELL	TOC				
Calculated		(11) WELL		Ground Eleva	ation		
How was seal placed: Method A B C D X Other POURED & TAGGED	E	grey white spe	Material			From	To 73
Backfill placed from ft. to ft. Material		yellow clay in		e		73	160
Filter pack from ft. to ft. Material Size	e	blue green clay				160	220
Explosives used: Yes Type Amount		<u> </u>					
5a) ABANDONMENT USING UNHYDRATED BENTON			Received	by OW	RD		1
Proposed Amount Actual Amount							
6) CASING/LINER		<u> </u>	MAY	0 3 2021		-	
Casing Liner Dia + From To Gauge Stl Plst		<u> </u>	1917-11	U D LOLI			
● 10 X 2 18 .250 ● (· 0=1=				
	∄H H	- 	Sale	m, OK		-	
		<u> </u>	·				
Shoe Inside Outside Other Location of shoe(s)		<u> </u>					
Temp casing Yes Dia From + To		<u> </u>					
7) PERFORATIONS/SCREENS Perforations Method			· · · · · · · · ·				
Screens Type Material		Date Started	7/8/2019	Co	ompleted	d <u>7/11/2019</u>	
Perf/ Casing/ Screen Scrn/slot Slot #							1 1
Screen Liner Dia From To width length slo	ots pipe size	(unbonded) V I certify that t					ng, alteration, o
		abandonment	of this well	is in compli	ance with	n Oregon wa	iter supply wel
					1 informat	tion reported	above are true to
		the best of my License Numb	_		Date		
B) WELL TESTS: Minimum testing time is 1 hour		Electrise Ivanie	·		_		
· _	g Artesian	Signed					<u> </u>
Yield gal/min Drawdown Drill stem/Pump depth Duration	-	(bonded) Wate	er Well Const	ructor Certifi	ication		-
100 220 2		I accept respon	nsibility for th	e construction	ı, deepeni		, or abandonme
 							l above. All wo
m to a contract the Day Day							ater supply we edge and belief.
Temperature 54 °F Lab analysis Yes By Water quality concerns? Yes (describe below) TDS amount 295	ppm	License Numb		_	Date _7/2		<u> </u>
Water quality concerns? Yes (describe below) TDS amount 295	nt Units						
	 						
		Contact Info (c	ptional)			<u> </u>	
ODIGINAL WATER I	DECOLDARE D	EDADTMENT					

HARN 52101

Page 1 of 1 WELL I.D. LABEL# L 115029 START CARD # 1024031

(as required by ORS 537.765 & OAR 690-205-0210)	8/26/	2014	ORIGINAL LOG#		
(1) LAND OWNER Owner Well I.D.					
First Name MARY Last Name OTLEY		(9) LOCATI	ON OF WELL (legal d	lescription)	
Company		County HARNEY	Twp 29.00 S N	/S Range 31.00	E E/W WM
Address 40926 S DIAMOND LANE			W 1/4 of the SW		
City DIAMOND State OR Zip 97722		Tax Map Numbe	" or 43.0663	Lot	
(2) TYPE OF WORK New Well Deepening Conv. Alteration (complete 2a & 10) Abandonment(complete 2a & 10)	version	Lat°_	" or <u>43.0663</u>		DMS or DD
(2a) PRE-ALTERATION	ompiete Jaj	Long°_	or 43.0663 " or -118.8985 eet address of well No	5	_ DMS or DD
Dia + From To Gauge Sil Piste Wid Thrd				arest address	
cusing.		BUENA VISTA	1 HW Y 205		
Material From To Amt sacks/lbs Seal:		<u> </u>	 		
(3) DRILL METHOD	•	(10) STATIC	WATER LEVEL		
Rotary Air Rotary Mud Cable Auger Cable Mud		T	Date	SWL(psi) +	SWL(ft)
Reverse Rotary Other		Completed V	ell / Pre-Alteration Well 8/18/2014		35
(4) PROPOSED USE Domestic Irrigation Community		Complete	Flowing Artesian?		32
Industrial/ Commercial X Livestock Dewatering		WATER BEARII		ater was first found	35.00
Thermal Injection Other		SWL Date	-	t Flow SWL(psi)	
(5) BORE HOLE CONSTRUCTION Special Standard (
Depth of Completed Well 310.00 ft.	Auach copy)	8/18/2014	35 310	25	35
BORE HOLE SEAL	sacks/]			
	Amt lbs			_	
	20 S				
8 18 310	-				
		(11) WELL I	Ground Elevatio	n	
	E		Material	From	То
Other POURED & TAMPED		TOPSOIL - SAN		0	1
Backfill placed from ft. to ft. Material		CLAY - YELLC CLAY - GREEN		29	37
Filter pack from ft. to ft. Material Size _		CLAY - BLUE	<u> </u>	37	90
Explosives used: Yes Type Amount		CLAY - GRAY		90	170
(5a) ABANDONMENT USING UNHYDRATED BENTONI	TE	CLAYSTONE		170	190
Proposed Amount Actual Amount		CLAY - GREEN SANDSTONE -		190 265	265
(6) CASING/LINER		CLAY - GRAY	DROWN	280	287
Casing Liner Dia + From To Gauge Stl Plstc 8		CLAYSTONE -	BLUE	287	310
<u>♥ </u>			Received by OV	VKL	
	HH	<u> </u>			
			MAY 0 3 202	1 -	+
Shoe Inside Outside Other Location of shoe(s)			Salem, OR		
Temp casing Yes Dia From To			Salcili, OR		
(7) PERFORATIONS/SCREENS		l			+
Perforations Method		Data Chartado	VISION 4 Com	mloto outorout	
Screens Type Material Perf/ Casing/ Screen Scrn/slot Slot # of	Tele/	Date Started8	/15/2014 Colli	plete 8/18/2014	
Screen Liner Dia From To width length slots			nter Well Constructor Certifi		
			e work I performed on the confirmation of this well is in compliance		
			ndards. Materials used and in		
			nowledge and belief.		
		License Number	r D	ate	
(8) WELL TESTS: Minimum testing time is 1 hour	<u>-</u>	Signed			
Pump Bailer Air Flowing A	Artesian	Signed			
Yield gal/min Drawdown Drill stem/Pump depth Duration (I	hr)	(bonded) Water	Well Constructor Certificat	tion	
25 310 1			ibility for the construction, d		
			on this well during the construing this time is in compliant		
Temperature 59 °F Lab analysis Yes By			idards. This report is true to the		
· ——— —	_	License Number	=	ate 8/26/2014	_
Water quality concerns? Yes (describe below) TDS amount Description Amount	Units	l		0/20/2014	
	 		THY K RILEY (E-filed)	11 500 5505	
	 	Contact Info (op	tional) TIMOTHY RILEY 54	11-573-5695	
ODIGINAL WATER DE	POT BOER D	EDADEL GENER	<u> </u>		

HARN 52885 Page 1 of 2 WELL I.D. LABEL# L 115029 STATE OF OREGON START CARD# 1032998 WATER SUPPLY WELL REPORT ORIGINAL LOG# 52101 (as required by ORS 537.765 & OAR 690-205-0210) , Owner Well I.D. (1) LAND OWNER (9) LOCATION OF WELL (legal description) Last Name OTLEY First Name FRED Company County HARNEY Twp 29.00 S N/S Range 31.00 E Address HC 72 BOX 30 Sec 8 SW-NE 1/4 of the SW-SE 1/4 Tax Lot 101 Zip <u>97722</u> City DIAMOND State OR Tax Map Number New Well Deepening (2) TYPE OF WORK " or 43.0663 DMS or DD " or -118.8985 X Alteration (complete 2a & 10) | Abandonment(complete 5a) DMS or DD (2a) PRE-ALTERATION O Street address of well Nearest address Stl Plste Wld Thrd Gauge WEST OF BUENA VISTA OVER LOOK ON HWY 205 Casing: 8 40 .250 Amt sacks/lbs Material From To Seal: Bentonite Chips (10) STATIC WATER LEVEL (3) DRILL METHOD SWL(ft) SWL(psi) Rotary Air Rotary Mud Cable Auger Cable Mud Existing Well / Pre-Alteration 4/1/2020 Reverse Rotary Other Completed Well 4/1/2020 Flowing Artesian? Dry Hole? (4) PROPOSED USE Domestic Irrigation Industrial/ Commercial | Livestock Dewatering WATER BEARING ZONES Depth water was first found Thermal Injection Other SWL Date To Est Flow SWL(psi) + SWL(ft) From (5)-BORE HOLE CONSTRUCTION - - - Special Standard (Attach copy) Depth of Completed Well 310.00 BORE HOLE SEAL sacks/ From Material From Τo Amt lbs Calculated (11) WELL LOG Calculated Ground Elevation How was seal placed: D From To Method Material Other ft. to Backfill placed from ft. Material Size ft. to ft. Material Filter pack from Explosives used: Yes Type_ Amount (5a) ABANDONMENT USING UNHYDRATED BENTONITE Proposed Amount Actual Amount (6) CASING/LINER Dia Plstc Wld Thrd Casing Liner From To Gauge Stl Reteived bly OWRD (\bullet) 10 310 SDR17 Outside Other Location of shoe(s) Inside Salemi Temp casing Yes Dia + (7) PERFORATIONS/SCREENS Perforations Method Material PVC Screens Type Factory Slot Date Started4/1/2020 Completed 4/1/2020 Perf/ Casing/Screen Scrn/slot Slot # of Tele/ (unbonded) Water Well Constructor Certification Screen Liner Dia şlots pipe size To width length From I certify that the work I performed on the construction, deepening, alteration, or Screen Liner 6 270 310 .02 6 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 1896 Date 4/15/2020 (8) WELL TESTS: Minimum testing time is 1 hour

Signed 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 1899	Date_4/15/2020
Signed SAM KINGREY (E-Glod)	Sound Kinguns
Contact Info (optional)	1201

O Flowing Artesian

Duration (hr)

O Pump

Yield gal/min

Water quality concerns?

O Bailer

O Air

°F Lab analysis Yes By_

Drill stem/Pump depth

Yes (describe below) TDS amount

Description

WATER SUPPLY WELL REPORT - continuation page

WELL I.D. LABEL# L 115029

START CARD # 1032998

ORIGINAL LOG # HARNEY 52101

2a) PRE-ALTERATION	Water Quality Concerns
Dia + From To Gauge Stl Plstc Wld Thrd	From To Description Amount Units
<u> </u>	
Material From To Amt sacks/lbs	
Material Holl To Alik Sacks to	
	(10) STATIC WATER LEVEL
S) BORE HOLE CONSTRUCTION	SWL Date From To Est Flow SWL(psi) + SWL(ft)
BORE HOLE SEAL sacks/	0.12 July 10.11 10.11 10.12 (1.9)
Dia From To Material From To Amt lbs	
Calculated	1
Calculated	
Calculated	
Calculated	
FILTER PACK	(11) WELL LOG
From To Material Size	
	Material From To
<u> </u>	
CASING/LINER	
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
	RECEIVED
	RECEIVED
	APR. 2 0 2020
	AFR. 20 LOZO
R A R A H H	
RAH H H KAHH	OWRD
	Possived by OMPD
PERFORATIONS/SCREENS	Received by OWRD
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/ Screen Liner Dia From To width length slots pipe size	MAY 0 3 2021
Joseph Zhiel Holl to Width length store pro-size	
	Salem, OR
	Comments/Remarks
2) WFI I TESTS: Minimum testing time is 1 hour	Cleaned out well & installled PVC liner. No change in depth or diameter
8) WELL TESTS: Minimum testing time is 1 hour	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	
,	
· · · · · · · · · · · · · · · · · · ·	
	The state of the second
	11

HARN 52802

Page 1 of 1 WELL I.D. LABEL# L 134204 START CARD # 1043529

(as required by ORS 537.765 & OAR 690-205-0210)	7/10/2	019	ORIGINAL LO)G#		
(1) LAND OWNER Owner Well I.D.				•		
First Name FRED Last Name OTLEY	_	(9) LOCATION	ON OF WELL (le	egal descr	iption)	
Company		` '	Twp 29.00 S	_	-	00 E E/W WM
Address HC72 BOX 30	_ [,	Sec 9 N	W 1/4 of the NE	1/4	Tax Lot	200
City DIAMOND State OR Zip 97722	= ;	Tax Map Number	1, 1 01 210		Lot	
(2) TYPE OF WORK New Well Deepening Conversi	ion	Lat°	" or <u>43.07</u>	226900		DMS or DD
Alteration (complete 2a & 10) Abandonment(complete 2a & 10)	lete 5a)	Long	" or <u>-118.</u>	88294200		DMS or DD
(2a) PRE-ALTERATION Dia + From To Gauge Stl Plstc Wld Thrd		Stre	et address of well	Nearest	address	
Casing: Casing	l l		AND HWY 205	<u>`</u>		
Material From To Amt sacks/lbs						
Seal:	F					1. 1
(3) DRILL METHOD		(10) STATIC	WATER LEVE			l gwy (0)
Rotary Air Rotary Mud Cable Auger Cable Mud		Existing Wel	1 / Pre-Alteration	Date S	WL(psi)	+ SWL(ft)
Reverse Rotary Other		Completed V		2019		33
(4) PROPOSED USE Domestic Irrigation Community		<u> </u>	Flowing Artesian		ry Hole?	
Industrial/ Commercial X Livestock Dewatering	l.	VATER BEARIN	IG ZONES De	enth water w	as first fou	and 105.00
Thermal Injection Other	ľ	SWL Date	From To	_		si) + SWL(ft)
	 .		110111 10	Latitor	- Бигдра	-1) · 5WE(II)
(5) BORE HOLE CONSTRUCTION Special Standard (Atta	ach copy)	7/5/2019	105 340	5		33
Depth of Completed Well 340.00 ft. BORE HOLE SEAL	sacks/					
Dia From To Material From To Amt					+	
12 0 40 Bentonite 0 40 24	s	-			+	$\dashv \vdash \vdash \vdash$
8 40 340 Calculated 22.68	8					
Calculated	┼ ₹	11) WELL L	0G 01E	141		
	_ا ا`	•	Ground E	levation		
How was seal placed: Method A B C D E	15	brown sand	Material		From 0	To 5
Backfill placed from ft. to ft. Material	II	brown sandy clay	7		5	15
Filter pack from ft. to ft. Material Size		brown sandy clay			15	19
	— II	brown sandy clay	— Docoivad		19	35
Explosives used: Yes Type Amount		sticky brown clay	Received	Dy Ovv		
(5a) ABANDONMENT USING UNHYDRATED BENTONITE		brown clay			67	
Proposed Amount Actual Amount		blue & grey clay grey clay	MAY (3 2021	94 125	125
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld	10	hlua & anaan atai	on of alors		150	
	d Thrd	blue & grey with	hard strips Saler	» OD.	210	
● ○ 8 ※ 2 99 .250 ● ○ ※				II, UK	220	235
		grey clay with ha			235	
		sticky grey brown grey clay with ha		·	245 250	
		green sticky clay			270	
Shoe Inside Outside Other Location of shoe(s) 99	· —	proof didn't diay			1 2,3	
Temp casing Yes Dia From + To	— I					
7) PERFORATIONS/SCREENS	<u> </u>				1	
Perforations Method	_					
Screens Type Material	[]	Date Started7/	3/2019	Complete	d 7/5/201	19
	Tele/		ter Well Constructor			
Screen Liner Dia From To width length slots pi	ipe size	` '	work I performed on			nening alteration or
			this well is in com			
		construction stan	dards. Materials used			
		•	owledge and belief.			
		License Number	1896	Date	7/10/2019	
8) WELL TESTS: Minimum testing time is 1 hour		Signed TONY				
Pump Bailer • Air Flowing Artes	sian L	- TONY	HACKETT (E-filed)			 .
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)		(bonded) Water	Well Constructor Cer	tification		
5 340 1			bility for the construc			
			on this well during the			
	_	periormed during	g this time is in con lards. This report is tru	ipiiance wi ie to the bes	u∟ ∪regon tof mv kn	. water supply well owledge and helief
Temperature 55 °F Lab analysis Yes By						
	ppm nits	License Number	1899	Date <u>7/</u>	10/2019	
	i	Signed SAM k	(E-filed)			
		Contact Info (opt	ional)			
	<u></u>					
ORIGINAL - WATER RESOL	DRCES DE	PARTMENT				

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) HARN 52801

7/10/2019

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

			rage	1	ΟĮ	1
L	134203					
ĺ	1043510					

1) LAND OWNER Owner Well I.D.	1	
First Name FRED Last Name OTLEY	(9) LOCATION OF WELL (legal description)	
Company	County HARNEY Twp 29.00 S N/S Range 31.00 E	E/W WM
Address HC 72 BOX 30 City DIAMOND State OR Zip 97722	Sec 9 NW 1/4 of the NE 1/4 Tax Lot 200	
	Tax Map Number Lot	
2) TYPE OF WORK New Well Deepening Conversion Alteration (complete 2a & 10) Abandonment(complete 5a)	Lat or 43.07090100	DMS or DD
2a) PRE-ALTERATION	Long or118.88548500	DMS or DD
Dia + From To Gauge Stl Plstc Wld Ihrd	Street address of well • Nearest address	
Casing:	BUENA VISTA AND HWY 205	
Material From To Amt sacks/lbs		
Seal:	(10) STATIC WATER LEVEL	
(3) DRILL METHOD	Date SWL(psi) +	SWL(ft)
Rotary Air Rotary Mud Cable Auger Cable Mud	Existing Well / Pre-Alteration	
Reverse Rotary Other	Completed Well 7/1/2019	59
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?	
Industrial/Commercial X Livestock Dewatering	WATER BEARING ZONES Depth water was first found 10	0.00
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) +	
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy	7) 7/1/2019 100 140 20	59
Depth of Completed Well 140.00 ft.	,	
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs		+
Dia From To Material From To Amt lbs 10 0 146 Bentonite 0 95 44 S	1	+
Calculated 43.36	ا الـــــــــــــــــــــــــــــــــــ	
Bentonite 140 145 4 S	1 TOC	
Calculated 3.95	(11) WELL LOG Ground Elevation	
How was seal placed: Method A B C D E	Material From	To
Other POURED & TAGGED	topsoil sand brown 0	2
Backfill placed from ft. to ft. Material	grey sandstone grey rock 2	<u>76</u> 95
Filter pack from 95 ft. to 140 ft. Material SILICA SANSize 6/9	grey crumbley rock 76 yellow clay with rock strip 95	140
Explosives used: Yes Type Amount	yellow clay with rock strip 95 blue clay 140	146
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	blue clay	
Proposed Amount Actual Amount	Received by OWRD	
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd		
	MAY 03 2021	
● 6 X 1 20 .250 ● X ⊥ ● 6 6 20 140 DR-11 ○ X		
	Salem, OR	
	Saicili, Oh	
Shoe Inside Outside Other Location of shoe(s)		
Temp casing Yes Dia From + To		
(7) PERFORATIONS/SCREENS		
Perforations Method		
Screens Type factory slotted Material PVC	Date Started 7/1/2019 Completed 7/1/2019	
Perf/ Casing/ Screen Scm/slot Slot # of Tele/		
Screen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deepening	alteration or
Screen Casing 6 100 140 .02 6	abandonment of this well is in compliance with Oregon wate	
	construction standards. Materials used and information reported ab	ove are true to
	the best of my knowledge and belief.	
	License Number 1896 Date 7/2/2019	
(8) WELL TESTS: Minimum testing time is 1 hour		
•	Signed TONY HACKETT (E-filed)	
Pump Bailer Air Flowing Artesian	(bonded) Water Well Constructor Certification	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	1 ' '	se abandanman
70 140 1	I accept responsibility for the construction, deepening, alteration, work performed on this well during the construction dates reported a	hove All wor
	performed during this time is in compliance with Oregon water	r supply wel
Temperature 54 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowled	
·	License Number 1899 Date 7/2/2019	
Water quality concerns? Yes (describe below) TDS amount 189 ppm From To Description Amount Units	. 1039 Indiana 112/2019	
	Signed SAM KINGREY (E-filed)	
	Contact Info (optional)	
ORIGINAL - WATER RESOURCES	DEPARTMENT	

HARN 52616

Page 1 of 1 WELL I.D. LABEL# L 123042 START CARD # 1032379

(as required by ORS 537.765 & OAR 690-205-0210)	1/3/20	17	ORIGI	NAL LOG	#			_
(1) LAND OWNER Owner Well I.D.								
First Name FRED Last Name OTLEY		(9) LOCATI	ON OF W	ELL (lega	l descri	ntion)		
Company		` '		, •			00 E	E/W WM
Address HC 72 BOX 30		County HARNEY						E/W WIVI
City DIAMOND State OR Zip 97722		Sec <u>9 N</u>						
City DIAMOND State OR Zip 97722 (2) TYPE OF WORK New Well Deepening Conversion	n [Tax Map Number ∟at°	r 	42 06511		LOI		DMS or DD
Alteration (complete 2a & 10) Abandonment(complete	ete 5a)	Lat C Stre	— <u>; — </u>	or 43.065110	000			DMS of DD
(2a) PRE-ALTERATION	I	Long		or <u>-118.883</u>	20000			DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd	١,	(Stre	et address of	well (Nearest ac	uress	7733737	
Casing:	- 11	MM 39.5 ON H	WY 205 WES	SI SIDE APP	ROX. I M	ILE OFF	HWI	•
Material From To Amt sacks/lbs Seal:	Į.							
(3) DRILL METHOD	— I	(10) STATIC	WATER	LEVEL				
Rotary Air Rotary Mud Cable Auger Cable Mud	[]	` ,		D	ate SV	VL(psi)	+	SWL(ft)
Reverse Rotary Other	l l		ll / Pre-Altera				\sqcup	
		Completed V		12/5/20			<u>Ц</u>	39
(4) PROPOSED USE Domestic Irrigation Community			Flowing	g Artesian?	_	y Hole?		
Industrial/Commericial Livestock Dewatering	V	VATER BEARIN	NG ZONES	Depth	water was	s first fou	nd <u>127</u>	7.00
Thermal Injection X Other OBSERVATION/TEST WELL	1	SWL Date	From	То	Est Flow	SWL(ps	i) +	SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attack	th conv)	12/5/2016	127	314	200	Γ	$\neg \vdash$	39
Depth of Completed Well 314.00 ft.	copy)	12/3/2016	12/	314	200		⊣⊢	 - 3/
	sacks/	-		<u> </u>			$\dashv \vdash$	
Dia From To Material From To Amt	lbs		i i			<u> </u>	ᅥᅡ	
	S		1			1	$\dashv\vdash$	
12 45 80 Calculated 35.47			<u> </u>	1	-	·		•
8 80 314 Calculated	┼ 7	11) WELL L	.OG	Cround Flour	tion 411	9.00		
	, I,	ŕ		Ground Eleva	111011 411	From		Т.
How was seal placed: Method A B C D E Other POURED & TAGGED	l _E	brown sandy clay	Material			0		To
Backfill placed from ft. to ft. Material		brown sand ceme			-	3	\neg	19
Filter pack from ft. to ft. Material Size		dark brown clay				19		30
	[light brown sand	stone			30		80
Explosives used: Yes Type Amount		grey pumiceston	e			80		107
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	114	grey sandstone				107		127
Proposed Amount Actual Amount		brown sandstone	· ^ 			127		157
(6) CASING/LINER	10	grey sandstone w yellow brown sa				157 177	-+	177 192
Casing Liner Dia + From To Gauge Stl Plstc Wld	inta ir	olive colured san		Duttice		192	+	202
● ○ 12 × 3 78 .250 ● ○ ×		olive grey sandst				202	-	210
		olive grey clay	Rece	ived by	OWRI	210		220
		olive grey clay so	oft			220		259
	H	olive grey clay st	ticky	1AV 6 9 9	2021	259		314
Shoe Inside Noutside Other Location of shoe(s) 78	╙		. IV	AY 03 2	.UZI			
	— ⊩	<u> </u>					-	
Temp casing Yes Dia From To	<u></u>			Salem, C)R		\rightarrow	
(7) PERFORATIONS/SCREENS								
Perforations Method		2 . 2 . 1						
Screens Type Material Perf/ Casing/ Screen Scm/slot Slot # of To	Tele/	Date Started 9/	/26/2016	Cc	mpleted	12/5/20	16	
Screen Liner Dia From To width length slots pipe		(unbonded) Wa	ter Well Con	structor Cer	tification			
		I certify that the	work I perf	ormed on the	construct	ion, deep	ening,	alteration, or
		abandonment of						
		construction star			informati	ion report	ted abo	ve are true to
		the best of my ki	_	bellel.	.			
		License Number	1896		Date 1	2/15/2016	5	
(8) WELL TESTS: Minimum testing time is 1 hour		Signed TONY	Y HACKETT	(F_filed)				
Pump Bailer • Air Flowing Artesia	an L	TON	HACKETT	(E-filed)				
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)		(bonded) Water						
200 314 2		accept respons						
		work performed						
	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.							
Temperature 57 °F Lab analysis Yes By				-pore is due it		=	ug	- mid byllel.
Water quality concerns? Yes (describe below) TDS amount 178 pr From To Description Amount Uni	pmits	License Number	1899		Date 1/3/	2017		
10 Description Amount on	_	Signed SAM]	P KINGREY	(E-filed)				
	\Box	Contact Info (opt						
						-	_	
ODICINAL WATER RESOUR	DOTE DE	O A D TRAIDART						

STATE OF OREGON

HARN 52617

Page 1 of 1 WELL I.D. LABEL# L 123044 START CARD # 1032848

(as required by ORS 537.765 & OAR 690-205-0210)	1/3/2	2017	ORIGINAL LO)G#	2040		_
ALL LAND CAVINING	1/0/2	7017	- Oxton MIL At				
(1) LAND OWNER Owner Well I.D. First Name FRED Last Name OTLEY		(I) I OCATI	ON OF WELL ()	and dosov	intion)		
Company	-	1 ' '	ON OF WELL (le	_	_		
Address HC 72 BOX 30	-	County HARNEY	Twp 29.00 S	N/S I	Range 31.0	0 E E/W \	٧М
City DIAMOND State OR Zip 97722	_	Sec 9 N	W 1/4 of the <u>SE</u>	1/4	1ax Lot	0200	
City DIAMOND State OR Zip 97722 (2) TYPE OF WORK New Well Deepening Conversion	on	Tax Map Number	" or 43.06	105000	Lot	D) (G T	, n
Alteration (complete 2a & 10) Abandonment(comple	ete 5a)	Lat	or 43.06	425800		DIMS OF L	עי
(2a) PRE-ALTERATION		Long	or <u>-118.3</u>	88666600	11	DMS or D	עי
Dia + From To Gauge Stl Plstc Wld Thrd			et address of well	(Nearest a	address		_
Casing:		BUENA VISTA	& HWY 205				
Material From To Amt sacks/lbs		<u> </u>					ᆜ
Seal: (3) DRILL METHOD		(10) STATIC	WATER LEVE				
Rotary Air Rotary Mud Cable Auger Cable Mud	ĺ	(10) 51/1110	WILLELE		WL(psi)	+ SWL(ft)	
Reverse Rotary Other			ll / Pre-Alteration				
		Completed V	Vell 12/1	0/2016		29	
(4) PROPOSED USE Domestic Irrigation Community	i		Flowing Artesian	? D ₁	ry Hole?	_]	
Industrial/Commericial Livestock Dewatering	l	WATER BEARIN	IG ZONES De	epth water wa	as first fou	nd 120.00	_
Thermal Injection X Other OBSERVATION/TESTWELL		SWL Date	From To			i) + swl(ft)	
(5) BORE HOLE CONSTRUCTION Special Standard (Attac					-		7
` <i>`</i>	cn copy)	12/10/2016	120 902	300	-		┨
Depth of Completed Well 902.00 ft. BORE HOLE SEAL	!/		 		 	-{ -}	┥
Dia From To Material From To Amt	sacks/ lbs		 			┦┝┼──	┥
16 0 45 Bentonite 0 45 37	s	 	 		 	$\dashv \vdash \vdash \vdash$	┨
12 45 805 Calculated 35.47		L			1	_	7
8 805 902		(1.1) XX/RT T T	<u> </u>				_
Calculated	ן ∟	(11) WELL L	Ground E	levation			
How was seal placed: Method A B C D E			Material		From	<u>To</u>	_
X Other POURED & TAGGED		brown sand	 		0	3	Ⅎ
Backfill placed from ft. to ft. Material		brown white dry			13	13	4
Filter pack from ft. to ft. Material Size		brown & grey cla brown clay	ay		35	35 65	1
Explosives used: Yes Type Amount		green clay	 		65	120	┪.
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	-	olive green clay	with cracks		120	180	1
Proposed Amount Actual Amount		brown clay with			180	205	1
		black & brown c	lay		205	235]
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld	Thed	green clay	Received by	OWBD	235	277	_
12 X 2.5 113 .250 X			Neceived by	OWIND		280	4
	Ħ	green grey clay			280	327	┨
		green clay green & grey cla	WAY 0-3	2021 -	327	411 482	┨
		green clay	у	-	482	551	1
		grey clay	0-1 (20	551	640	1
Shoe Inside Outside Other Location of shoe(s) 113		green clay	Salem, (JK	640	721]
Temp casing Yes Dia From To		grey clay			721	745]
(7) PERFORATIONS/SCREENS		green clay			745	824	4
Perforations Method		green & grey cla	у		824	902	٦
Screens Type Material		Date Started 1	1/3/2016	Complete	d 12/10/2	016	
	Tele/						-
Screen Liner Dia From To width length slots pir	pe size	•	ter Well Constructor				
			work I performed on this well is in com				
			idards. Materials used				
			nowledge and belief.		-		
		License Number	1896	Date	12/29/2016	5	
(8) WELL TESTS: Minimum testing time is 1 hour							-
``		Signed TONY	HACKETT (E-filed)				_
	iaii	(bonded) Weten	Well Constructor Cer	rtification		-	_
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 300 171 200 4	¬	` ′	ibility for the construc		ina altamat	tion or abandone	
300 171 200			on this well during the				
	7	performed durin	g this time is in con	opliance wit	h Oregon	water supply	wel
Temperature 60 °F Lab analysis Yes By	_		dards. This report is tr				
• — —	opm	License Number	1899	Date 10	/29/2016		
Water quality concerns? Yes (describe below) TDS amount 167 Prom To Description Amount Un	nits			_			-
		Signed SAM	P KINGREY (E-filed)				_
	<u> </u>	Contact Info (opt	ional)				_
ODICDIAL WATER RESOUR		CDADTA CENT					

HARN 52801

Page 1 of 1 WELL I.D. LABEL# L 134203 START CARD# 1043510

(as required by ORS 537.765 & OAR 690-205-0210)	7/10	/2019	ORIGI	NAL LOG	·#		
(1) LAND OWNER Owner Well I.D.							
First Name FRED Last Name OTLEY		(9) LOCATI	ON OF W	ELL (lega	al descrip	tion)	
Company		County HARNEY		_			E E/W WN
Address HC 72 BOX 30		Sec 9 N	JW 1/4 of	fthe NE	1/4	Γax Lot 20	0
City DIAMOND State OR Zi	p <u>97722</u>	Tay Man Numbe	r	1 110 112		ot	
2) TYPE OF WORK New Well Deepen	ing Conversion	Tax Map Numbe	, , ,	or 43 07090	0100		DMS or DD
Alteration (complete 2a & 10)	.bandonment(complete 5a)	Long°		or -118.885	48500		DMS or DD
2a) PRE-ALTERATION Dia + From To Gauge Stl Pls	to Wid Thed	Stre	eet address of	well 6	Nearest ad	dress	_
Casing: Gauge Sti 11s	7 11 11	BUENA VISTA					
Material From To Amt sach	⊿ L L L L L L L L L L L L L L L L L L L						
Seal:	3.100						
3) DRILL METHOD		(10) STATIC	WATER		_		
Rotary Air Rotary Mud Cable Auger	Cable Mud	Quinting Wa	ell / Pre-Altera		Date SW	'L(psi) +	SWL(ft)
Reverse Rotary Other		Completed V		7/1/201	10	=	59
4) PROPOSED USE Domestic Irrigation	Community	(=		Artesian?		Hole?	
Industrial/ Commercial X Livestock Dewatering		WATER DEADE	_	-		first found	100.00
	,	WATER BEARI		-			
		SWL Date	From	То	Est Flow	SWL(psi)	+ SWL(ft)
	Standard (Attach copy	7/1/2019	100	140	20		59
Depth of Completed Well 140.00 ft.	_		<u> </u>		ļ		
BORE HOLE SEA		']	<u> </u>				
Dia From To Material From 10 0 146 Bentonite 0	n To Amt lbs 95 44 S	┧ ├──	ļ				
10 0 140 Establico	Calculated 43.36	╣ └──					
Bentonite 140		141 11/21 1 1	OC				
	Calculated 3.95	(11) WELL I	LUG ,	Ground Elev	ation		
How was seal placed: Method A B	JC ∐D ∐E		Material			From	To
Other POURED & TAGGED	 	topsoil sand bro				0	2
Backfill placed from ft. to ft. Mater		grey sandstone g				<u>2</u> 76	95
Filter pack from 95 ft. to 140 ft. Material SI		yellow clay with			+	95	140
Explosives used: Yes Type Amoun	<u> </u>	blue clay				140	146
5a) ABANDONMENT USING UNHYDRATED	BENTONITE						
Proposed Amount Actual Amo	unt						
6) CASING/LINER_		1		_			
Casing Liner Dia + From To Gau	ge Stl Piste Wld Thrd						+
							+
● 6 ☐ 20 140 DR							
	\bot R \rightarrow H \rightarrow						
 	$- \mathbf{k}-\mathbf{k} $						
Shoe Inside Outside Other Location	on of shoe(s)						
Towns assistant to Bi					+		-
Temp casing Yes Dia From +	To						
) PERFORATIONS/SCREENS							
Perforations Method	erial PVC	Data Stantada	1/1/2010		1 . 4 1	<i>TII</i> /2010	
Perf/ Casing/ Screen Scrn/slot	Slot # of Tele/	Date Started 7	/1/2019		ompleted	7/1/2019	
<u> </u>	length slots pipe size	(unbonded) Wa	ater Well Con	structor Ce	rtification		
Screen Casing 6 100 140 .02	6						ing, alteration, or
							ater supply wel
 		the best of my k			d informatio	on reported	above are true to
	- 	License Number	J		Date 7/	2/2019	
WEIL TECTS Minimum 4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	 		1890	-	<u></u>	2/2019	
B) WELL TESTS: Minimum testing time is 1 hour	Claudes Assiss	Signed TON	Y HACKETT	(E-filed)			
Pump Bailer Air	Flowing Artesian				Instin		
Yield gal/min Drawdown Drill stem/Pump der	th Duration (hr)	(bonded) Water				a alta	
70 140	1 1						ı, or abandonme d above. Ali wor
	1						ater supply we
Temperature 54 °F Lab analysis Yes By							edge and belief.
	amount 189 ppm	License Number	1899		Date 7/2/2	2019	
Water quality concerns? Yes (describe below) TDS	Amount Units	1	10//				
			KINGREY (E				
		Contact Info (op	tional)				
ODIGIN	L - WATER RESOURCES I	DEPARTMENT					

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

HARN 52616

	Page 1 of 1
WELL I.D. LABEL# L	123042
START CARD#	1032379
ORIGINAL LOG#	

(as required by ORS 537.765 & OAR 690-205-0210)	1/3/2	017 ORIGINAL LO)G#		
(1) LAND OWNER Owner Well I.D.					
First Name FRED Last Name OTLEY		(9) LOCATION OF WELL (I	egal des	cription)	
Company	_	County HARNEY Twp 29.00 S	-	_	00 E E/W WM
Address HC 72 BOX 30	_	Sec 9 NW 1/4 of the SE			
City DIAMOND State OR Zip 97722 (2) TYPE OF WORK New Well Deepening Conversion	=				
Alteration (complete 2a & 10) Abandonment(comple	oto 50)	Tax Map Number Lat " " or 43.06 Long " " or -118.	<u>511000</u>		DMS or DD
(2a) PRE-ALTERATION	ele Jaj	Long or118.	88320000		DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd		C Street address of well			
Casing:		MM 39.5 ON HWY 205 WEST SIDE	APPROX.	1 MILE OF	FHWY.
Material From To Amt sacks/lbs Seal:		<u> </u>			
(3) DRILL METHOD		(10) STATIC WATER LEVE			
Rotary Air Rotary Mud Cable Auger Cable Mud		No. of the last of	Date	SWL(psi)	+ SWL(ft)
Reverse Rotary Other		Existing Well / Pre-Alteration Completed Well 12/	5/2016	+	39
(4) PROPOSED USE Domestic Irrigation Community		Flowing Artesian		Dry Hole?	
Industrial/ Commercial Livestock Dewatering				r was first fou	
Thermal Injection X Other OBSERVATION/TEST WELL		SWL Date From To	-	ow SWL(ps	
			CSLTT	.ом витер	
(5) BORE HOLE CONSTRUCTION Special Standard (Attack	ch copy)	12/5/2016 127 314		0	39
Depth of Completed Well 314.00 ft. BORE HOLE SEAL	sacks/		+-		→
Dia From To Material From To Amt	lbs		+		
16 0 45 Bentonite 0 45 37	S		+-		
12 45 80 Calculated 35.47 8 80 314	 -	· · · · · · · · · · · · · · · · · · ·			
8 80 314 Calculated	-	(11) WELL LOG Ground F	levation	4118.00	
How was seal placed: Method A B C D E	1	Material		From	То
Other_POURED & TAGGED		brown sandy clay		0	3
Backfill placed from ft. to ft. Material		brown sand cemented		3	19
Filter pack from ft. to ft. Material Size		dark brown clay with pumice light brown sandstone		19 30	30 80
Explosives used: Yes Type Amount		grey pumicestone		80	107
(5a) ABANDONMENT USING UNHYDRATED BENTONITE		grey sandstone		107	127
Proposed Amount Actual Amount	ļ	brown sandstone, pumice		127	
(6) CASING/LINER		grey sandstone with pumice yellow brown sandstone with pumice		157 177	
Casing Liner Dia + From To Gauge Stl Plstc Wld	Thrd	olive colured sandstone		192	
● 12 X 3 78 .250 ● X	닐	olive grey sandstone		202	
R A H H A H	H	olive grey clay		210	
	HI	olive grey clay soft olive grey clay sticky		220 259	
		onve grey ciay sucky		239	- 314
Shoe Inside Outside Other Location of shoe(s) 78					
Temp casing Yes Dia From To	_				
(7) PERFORATIONS/SCREENS				-	
Perforations Method					
Screens Type Material		Date Started 9/26/2016	Comple	eted <u>12/5/20</u>	016
· · · · · · · · · · · · · · · · · · ·	Γele/ oe size	(unbonded) Water Well Constructor	Certifica	tion	
Select Bail Sta (10th 10 With length stots pp		I certify that the work I performed or			
		abandonment of this well is in cor			
		construction standards. Materials used the best of my knowledge and belief.	and infor	mation repoi	ned above are true to
		License Number 1896	Date	12/15/201	6
(8) WELL TESTS: Minimum testing time is 1 hour	'	1890		_12/13/201	<u> </u>
Pump Bailer Air Flowing Artesis	an	Signed TONY HACKETT (E-filed)			
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)		(bonded) Water Well Constructor Ce	rtification	n	
200 314 2	7	I accept responsibility for the construc			ation, or abandonmen
	4 .	work performed on this well during the	constructi	on dates repo	orted above. All work
L	_	performed during this time is in construction standards. This report is to			
Temperature 57 °F Lab analysis Yes By		construction standards. This report is to			owieuge and belief.
Water quality concerns? Yes (describe below) TDS amount 178 P From To Description Amount Un	pm its	License Number 1899	_ Date	1/3/2017	
		Signed SAM P KINGREY (E-filed)			
		Contact Info (optional)			

HARN 52617

Page 1 of 1 WELL I.D. LABEL# L 123044

START CARD # 1032848

(as required by ORS 537.765 & OAR 690-205-0210)	1/3/2	017	ORIGI	NAL LOG	#	_	
(1) LAND OWNER Owner Well I.D.							
First Name FRED Last Name OTLEY		(9) LOCATI	ON OF W	ELL (lega	l descr	intion)	
Company		` '		, ,		-	0 E E/W WM
Address HC 72 BOX 30		Sec 9 N					
City DIAMOND State OR Zip 97722	_	Sec 9 19	1/4 O	i the SE	1/4	Tot	0200
City DIAMOND State OR Zip 97722 (2) TYPE OF WORK New Well Deepening Conversion	on	Tax Map Numbe	,	or 43 06425	900	LUI	DMS or DD
Alteration (complete 2a & 10) Abandonment(comple	ete 5a)	Tax Map Numbe Lat° Long°_	 ,,	or -118 886	66600		DMS or DD
(2a) PRE-ALTERATION	1	Long	eet address of	well 6	Nearest a	-ddress	DM0 01 DD
Dia + From To Gauge Stl Plstc Wld Thrd Casing:		BUENA VISTA		****			
Material From To Amt sacks/lbs							į
Seal:	⊦		- :				 :
(3) DRILL METHOD		(10) STATIC	WATER				_
Rotary Air Rotary Mud Cable Auger Cable Mud		Evicting Wo	ll / Pre-Altera		Date S	WL(psi)	+ SWL(ft)
Reverse Rotary Other		Completed \		12/10/2	016		29
(4) PROPOSED USE Domestic Irrigation Community				Artesian?		ry Hole?	
Industrial/ Commercial Livestock Dewatering	l,	WATER BEARIN		_		as first foun	_
Thermal Injection X Other OBSERVATION/TESTWELL	l`	SWL Date		· -			
		SWL Date	From	То	EST Flow	SWL(psi)) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attac	ch copy)	12/10/2016	120	902	300		29
Depth of Completed Well 902.00 ft.	}		<u> </u>				_
BORE HOLE SEAL Dia From To Material From To Amt	sacks/ lbs		<u> </u>			 	
16 0 45 Bentonite 0 45 37	Ts I		-			 	
12 45 805 Calculated 35.47			L				لـــــال
8 805 902	↓	(11) WELL L	OC			-	
Calculated	را ل		· ·	Ground Eleva	ation		
How was seal placed: Method A B C D E	·		Material			From	To 3
Other POURED & TAGGED Backfill placed from ft. to ft. Material	II	brown sand brown white dry	clav	-		3	13
Filter pack fromft. toft. MaterialSize	11	brown & grey cla				13	35
	- 11	brown clay				35	65
Explosives used: Yes Type Amount	<u></u> [green clay				65	120
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	- 11	olive green clay	_			120	180
Proposed Amount Actual Amount	- 11	brown clay with black & brown c				180 205	205
(6) CASING/LINER _	- 11	green clay	iay			235	277
Casing Liner Dia + From To Gauge Stl Plstc Wld		green clay soft				277	280
● ☐ 12 ※ 2.5 113 .250 ● ☐ ※		green grey clay				280	327
 		green clay			•	327	411
		green & grey cla	y			411	551
		green clay grey clay				. 551	640
Shoe Inside Outside Other Location of shoe(s) 113	_	green clay		-		640	721
Temp casing Yes Dia From To		grey clay				721	745
(7) PERFORATIONS/SCREENS	— II	green clay				745	824
Perforations Method][green & grey cla	<u>y</u>			824	902
Screens Type Material		Date Started1	1/3/2016	Co	omplete	d 12/10/20)16
Perf/ Casing/ Screen Scm/slot Slot # of T	Tele/						
Screen Liner Dia From To width length slots pip	pe size	(unbonded) Wa					ening, alteration, or
							water supply well
							ed above are true to
		the best of my k	nowledge and	belief.			
		License Number	1896		Date	12/29/2016	
(8) WELL TESTS: Minimum testing time is 1 hour		Signad					
Pump Bailer Air Flowing Artesia	ian _	Signed TON	Y HACKETT	(E-filed)			
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	_	(bonded) Water	Well Constr	uctor Certifi	ication		
300 171 200 4		I accept respons	ibility for the	construction	ı, deepen	ing, alterati	ion, or abandonment
							ted above. All work
L							water supply well wledge and belief.
Temperature 60 °F Lab analysis Yes By	1			chorr is and f		-	micugo and belief.
Water quality concerns? Yes (describe below) TDS amount 167 p		License Number	1899		Date 12	/29/2016	
Description Amount on		Signed SAM	P KINGREY	(E-filed)			
	\Box	Contact Info (opt					
ODICINAL WATER DESCUI	שרו פשיאטו	DADTMENT					