GR-2353

IA/9

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

Application for Groundwater Registration Modification

Part 1 of 5 – Minimum Requirements Checklist

This Groundwater Registration Modification 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.

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

RECEIVED
MAY 23 2019
OWRD

☒ Part 1 – Completed Minimum Requirements Checklist.

☒ Part 2 – Completed Application Map Checklist.

☒ Part 3 – Completed Applicant Information and Signature.

☒ Part 4 – Completed Groundwater Registration Modification Application – Groundwater Registration Information. (Only one Groundwater registration per application, unless the Groundwater registrations to be modified are layered).

☒ Completed Groundwater Registration Modification Application Map (Does not have to be prepared by a Certified Water Right Examiner).

☒ Groundwater registration modification fees – Amount enclosed: $ **1250.00**.
($875.00 for a place of use change only; $1,250.00 for any other change or combination).

Attachments:

☒ ☐ N/A Request for Assignment Form and statutory fee. This form needs to be completed if the applicant owns the land to which the registration is appurtenant and is **not** the registration certificate holder of record. The Request for Assignment Form is available at https://www.oregon.gov/OWRD/Forms/Pages/default.aspx.

Assignment is not needed for any person or entity who can demonstrate authorization to request recognition of a modification (e.g. legal representative, power of attorney, agent, etc.) **or** the applicant is named on the certificate of registration, or has been assigned to the certificate of registration.

☒ ☐ N/A Oregon Water Resources Department's Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **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.

☒ ☐ N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.

(For Staff Use Only)

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

___ Application fee not enclosed/insufficient
___ Land Use Form not enclosed or incomplete
___ Additional signature(s) required
___ Map not included or incomplete
___ Assignment Form and fee not enclosed/insufficient
___ Part _____ is incomplete

Other/Explanation _____

Staff: 503-986-0 Date: / /

13191 TACS

Part 2 of 4 – Groundwater Registration Modification Map Checklist

2A/9

Your Groundwater Registration Modification 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.

☒ 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 up to 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 appropriation such as main pipelines, canals, and ditches.

☒ Existing place of use that includes hachuring, 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 registration is being changed, a *separate hachuring is needed for the portion of the registration left unchanged.*

☐ ☒ N/A If you are proposing a modification in place of use, show the proposed place of use with hachuring including 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 appropriation with distance and bearing or coordinates from a recognized survey corner.

☒ ☐ N/A If you are proposing a modification in point(s) of appropriation, 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°).*

RECEIVED

MAY 23 2019

OWRD

Part 3 of 4 – Applicant Information and Signature

3A/9

Applicant Information

APPLICANT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
Joel (Joe) R. Schumacher, authorized signatory for owners			**503.932.4984**	**503.394.3577**
ADDRESS				FAX NO.
38838 Shelburne Drive				**N/A**
CITY	STATE	ZIP	E-MAIL	
Scio	**OR**	**97374**	**See Remarks**	
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.				

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

APPLICANT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
Aspen Rural Land Consulting C/O Eric Urstadt, PE, PLS			**971.250.1520**	**503.647.1919**
ADDRESS				FAX NO.
39290 NW Murtaugh Road				**N/A**
CITY	STATE	ZIP	E-MAIL	
North Plains	**OR**	**97133**	**See Remarks**	
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.				

Explain in your own words what you propose to accomplish with this modification; and why:
This application proposes to add a new Point of Appropriation (POA) to a Groundwater Registration.

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)

(Check one box)

☒ By signing this application, I (we) understand that, upon receipt of the draft preliminary determination and prior to Department approval of the Groundwater modification, I (we) will be required to provide landownership information and evidence that I am authorized to pursue the modification as identified in OAR 690-382-0400(16)(a); **OR**

☐ I (we) affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**

☐ I (we) affirm that the applicant is an entity with the authority to condemn property and is acquiring the property to which the Groundwater registration proposed for modification is appurtenant by condemnation and have attached supporting documentation.

RECEIVED
MAY 23 2019
OWRD

I understand that prior to Department approval of the groundwater registration modification, 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 groundwater registration 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.

Joel R Schumacher — Applicant Signature
Joel (Joe) R. Schumacher — Print Name (and Title if applicable)
5-13-19 — Date

Is the applicant the sole owner of the land on which the Groundwater registration modification or portion thereof, is located? ☐ Yes ☒ No *If NO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the Groundwater registration has been conveyed.*

Per Attachment F, the legal landowners are a one half interest by the Dorothy L. Schumacher Trust dated Oct., 25, 2000 and a one half interest by the Richard G. Schumacher Trust dated Oct., 25, 2000. Joel (Joe) R. Schumacher is a trustee of the Richard G. Schumacher Trust.

Per Attachment G, Joel (Joe) R. Schumacher is an authorized signatory of the Dorothy L. Schumacher Trust for water rights purposes. Joe Schumacher is a trustee of that trust.

RECEIVED
MAY 23 2019
OWRD

Check the appropriate box, if applicable:

5A/9

☐ Check here if the Groundwater registration proposed for modification is or will be located within or served by an irrigation or other water district.

IRRIGATION DISTRICT NAME **None Known**	ADDRESS	
CITY	STATE	ZIP

☐ Check here if water for the Groundwater registration is supplied under a water service agreement or other contract with a federal agency or other entity.

ENTITY NAME **None Known**	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 **Marion County Planning**	ADDRESS **5155 Silverton Rd NE**	
CITY **Salem**	STATE **OR**	ZIP **97305**

ENTITY NAME **See note below**	ADDRESS	
CITY	STATE	ZIP

Note: The City of Sublimity is just west of the land where water will be diverted, conveyed and used, but none of the land where the water will be diverted, conveyed, and used is in the jurisdiction of the City per the Marion County GIS as per Attachment E.

RECEIVED
MAY 23 2019
OWRD

Part 4 of 4 – Groundwater Registration Information

6A/9

Please use a separate Part 4 for each registration being modified. See instructions on page 5, to copy and paste additional Part 4s, or to add additional rows to tables within the form.

Table 1. Location of Authorized and Proposed Point(s) of Appropriation (POA)
(Note: If the POA name is not specified in the registration, assign it a name or number here.)

POA Name or Number	Is this POA Authorized by the registration or is it Proposed?	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)
Well #2	☒ Authorized ☐ Proposed	**MARI 9167**	**8**	**S**	**1**	**W**	**35**	**SW**	**NW**	**300***	**1325' S & 2474' W from N1/4 S35 *** **
Rich's Well	☐ Authorized ☒ Proposed	**MARI 9168******	**8**	**S**	**1**	**W**	**35**	**NE**	**NW**	**500** **	**0.5 chains S & 2.5 chains W from S 1/4 S26******

***Tax Lot 300 of Tax Map for Section 35(BC)**
****Tax Lot 500 of Tax Map for S35.**
***** per GR 2353**
*******per cert. 29755***

- **Check all type(s) of modifications(s) proposed below (modification "CODES" are provided in parentheses):**

☐ Place of Use (POU)
☐ Point of Appropriation (well) (POA)
☐ Character of Use (USE)
☒ Additional Point of Appropriation (APOA)

Will all of the proposed changes affect the entire Groundwater registration?

☐ 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 registration to be changed.

RECEIVED
MAY 23 2019
OWRD

Please use and attach additional pages of Table 2 as needed.
See page 5 for instructions.

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

Table 2. Description of Modifications to Registration GR-2353 (Certificate # GR-2235)

List only the part of the registration that will be modified. For the acreage in each ¼ ¼, list the modification proposed. If more than one modification, specify the acreage associated with each modification. If more than one POA, specify the acreage associated with each POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears in the registration BEFORE PROPOSED CHANGES. List only that part or portion of the groundwater registration that will be changed.													Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.											
Twp		Rng		Sec	¼ ¼		Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POA(s) (name or number from Table 1)	Priority Date		Twp		Rng		Sec	¼ ¼		Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POA(s) to be used (from Table 1)	Priority Date
EXAMPLE																										
2	S	9	E	15	NE	NW	100		15.0	Irrigation	POD #1 POD #2	1901	POU/POD	2	S	9	E	1	NW	NW	500	1	10.0		POD #5	1901
"	"	"	"	"	"	"	"	"	"	EXAMPLE	"	"	"	2	S	9	E	2	SW	NW	500		5.0		POD #6	1901
8	S	1	W	35	NE	NW	800	?	13.2	Irrig	Well #2	1953	APOA	8	S	1	W	35	NE	NW	800	?	13.2	Irrig	Rich's Well	1953
8	S	1	W	35	SE	NW	900	?	16.5	Irrig	Well #2	1953	APOA	8	S	1	W	35	SE	NW	900	?	16.5	Irrig	Rich's Well	1953
TOTAL ACRES									29.7					TOTAL ACRES									29.7			

Additional remarks: **The currently approved POA will no longer be used for the lands involved in this application as shown in the above table. The applicant and Aspen both wish to have correspondence emailed to them, but we also want documents physically mailed. Our emails are: ericurstadt@hotmail.com & jrsfarms@smt-net.com. Joel (Joe) R. Schumacher, farmer of the land and has confirmed to me that the new POA is on tax lot 500.**

RECEIVED
MAY 23 2019
OWRD

13191 7/9

8A/9

For a modification in place of use or character of use:

Are there other water right certificates, water use permits, or Groundwater registrations associated with the "from" or "to" lands? ☐ Yes ☐ No

If YES, list the other certificate, water use permit, or other Groundwater registration numbers: **GR-2352**

Pursuant to OAR 690-382-0200, any "layered" water use, such as an irrigation right that is supplemental to a primary irrigation right proposed for transfer, must be concurrently transferred with the registration or be cancelled. Any change to a water right must be filed separately in a transfer application. Any change to a water use permit must be filed separately with a permit amendment. Any modification to a Groundwater registration on the "to" lands must be filed separately with a Groundwater registration modification.

For modifications in point(s) of appropriation (well(s) or additional point(s) of appropriation:

☒ Well log(s) are attached for each well 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/)

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 *proposed wells not yet constructed or built*, 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 adequate information is likely to delay the processing of your modification 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.

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
Well #2	**Yes**	**MARI 9167**	**240 feet**	**8 inch**	**un known**	**240 feet**	**unknown**	**83 feet in 1952**	**Late Tertiary Basalt – Columbia River Basalt**	**The well produces 257 GPM per the well log**

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
Rich's Well	**Yes**	**MARI 9168***	**260 feet**	**8 inch**	**+1 feet to -40 feet**	**+1 feet to -40 feet**	**None specified**	**85 feet in 1959**	**Late Tertiary Basalt – Columbia River Basalt**	**The well produces 350 GPM per well log**

***MARI 9168 has a number of other numbers, see attachment D.**

Aspen
Rural Land Consulting

Water Resources, Water Rights, Land
Surveying, Engineering, Land Use Planning

ERICURSTADT@HOTMAIL.COM
971-250-1520 (MOBILE)

Water Resources Department
Attn: Transfer Section
725 Summer Street NE, Ste. A
Salem, OR, 97301

13 May, 2019

Subject: New Applications for two Groundwater Registration Modifications

To Whom It May Concern,

Enclosed are two applications for a Groundwater Registration Modifications (GRMods) together with the following attachments. Because most of the attachments apply to both GRMods, the attachments and application are being submitted together.

A. Two assignments by proof (and $200 of the fees)
B. Land Use Compatibility Form
C. GRMod Map
D. Well Logs
E. City of Sublimity boundary exhibit
F. Property deed
G. Authorization for Joel (Joe) R. Schumacher to sign.
H. ~~A check made out to Oregon Water Resources Department for $2700.00 (= 2500 + 200).~~

Please let me know if there is any concerns or you need any more information.

Respectfully,
Aspen Rural Land Consulting

Eric Urstadt, PE, PLS

RECEIVED
JUN 10 1959
STATE ENGINEER
SALEM, OREGON

OBSERVATION WELL (9168) WATER WELL REPORT

STATE OF OREGON

8/1W-35 C (1)

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

State Well No. .....

State Permit No. 01-17

(1) OWNER:

Name Richard SChumacher

Address Sublimity, Oregon

(2) LOCATION OF WELL:

County Marion Owner's number, if any—

¼ ¼ Section T. R. W.M.

Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well ☐ Deepening ☒ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:

Rotary ☐ Driven ☐

Cable ☒ Jetted ☐

Dug ☐ Bored ☐

(6) CASING INSTALLED:

Threaded ☐ Welded ☒

8 5/8" Diam. from 1.10 ft. to 140 ft. Gage .277

..." Diam. from ..... ft. to ..... ft. Gage .....

..." Diam. from ..... ft. to ..... ft. Gage .....

(7) PERFORATIONS:

Perforated? ☐ Yes ☒ No

Type of perforator used

SIZE of perforations in. by in.

..... perforations from ..... ft. to ..... ft.

..... perforations from ..... ft. to ..... ft.

..... perforations from ..... ft. to ..... ft.

..... perforations from ..... ft. to ..... ft.

..... perforations from ..... ft. to ..... ft.

(8) SCREENS:

Well screen installed ☐ Yes ☒ No

Manufacturer's Name .....

Type ..... Model No. .....

Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

(9) CONSTRUCTION:

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

Gravel placed from ..... ft. to ..... ft.

Was a surface seal provided? ☒ Yes ☐ No To what depth? 39½ ft.

Material used in seal— 3 cu ft grout

Did any strata contain unusable water? ☐ Yes ☐ No

Type of water? Depth of strata

Method of sealing strata off

(10) WATER LEVELS:

Static level 85 ft. below land surface Date 5/19/59

Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] Richard Schumacher Date 5/25, 1959

(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom?

Yield: 350 gal./min. with 110 ft. drawdown after ½ hrs.

" 340 " 106½ " ½ "

" 325 " 94 " ½ "

Bailer test 70 gal./min. with 64 ft. drawdown after hrs.

Artesian flow g.p.m. Date

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

(12) WELL LOG:

Diameter of well 8 inches.

Depth drilled 222 ft. Depth of completed well 260 ft.

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Top soil	0	3
Red & yellow clay	3	17
Andesite basalt (fresh)	17	99½
Volcanic ash (soft)	99½	114½
Andesite basalt (shattered and caving) fresh	114½	122½
Andesite basalt Fresh	122½	238
Possible contact point between two lava flows Fresh	238	239
Vescular andesite basalt	239	260
Drilled 12" hole down to 39½ ft and cemented casing in and back filled to top of hole with drill cuttings		
Jumped pin on 8" bit at 39' trying to straighten hole		
SEE DEEPENING 1-3-62		

RECEIVED
MAY 23 2019
OWRD

Work started 4-17 1959 Completed 5-19 1959

(13) PUMP:

Manufacturer's Name .....

Type: ..... H.P. .....

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 Robinson Drilling & Supply
(Person, firm, or corporation) (Type or print)

Address 140 Pine St Salem, Ore

Driller's well number 8/1W-26P1

[Signed] Harry A Robinson
(Well Driller)

License No. 22 Date May 25, 1959

(USE ADDITIONAL SHEETS IF NECESSARY)

13191

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: MARI 9168

Main Help Return Contact Us

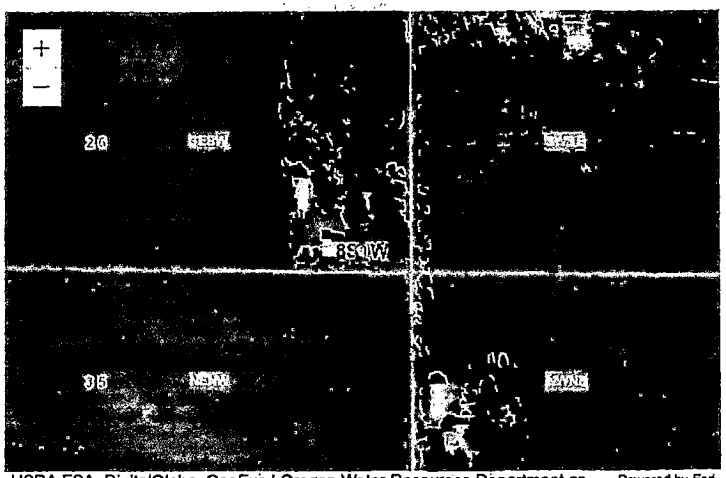
Site Identification (Click to Collapse...)

GW LogID: MARI 9168 Well Log Database
GW Well Tag Number:
Tag Verified on Well: No
Site Type: WELL
Primary Use: IRRIGATION
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: KARL WOZNIAK
Established Date: 11/21/2001
Bonded Company: ROBINSON DRILLING & SUPPLY
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 44.83867900 Horiz. Error: 10.00 ft.
Longitude: -122.77454100 Datum: WGS1984
Lat/Long Source: SITE VISIT AND IMAGERY

Location
TRSQQ: WM 8.00S1.00W35NWNE
Tax Map: 08S-01W-35
Taxlot: 500
24 Quad: STAYTON
Basin: 2 - Willamette
County: Marion
WM District: 16
WM Region: NW
LSD Elev: 562.00 Accy: 5.00 Datum: NGVD1929
Elev Source: 7.5-MINUTE MAP
Groundwater Mapping Tool



Water Rights (Click to Collapse...)

Water Right PODs

POD	WRIS Details	Application	Permit	Cert	Transfers	Claim	supplemental	priority_date	Season of Use	max_rate_cfs	rate_cfs	rate_cfs_est	TRSQQ
POD 1 - WELL 2 > SOUTH BRANCH BEAVER CREEK	WRIS	G 1338	G 1210	29755				1/7/1959	3/1 ~ 10/31	0.540	0.540		WM8.00S1.00W35NENW

Well Construction History (Click to Collapse...)

Well Construction History

Well Log Id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case. Diam.	Max Case. Depth.	Max Seal Depth.	Max Depth	Completed Depth	Complete Date
MARI 9168	Log	DEEPENING			RICHARD SCHUMACHER		8			456.00	260.00	5/19/1959
MARI 9169	Log	DEEPENING			RICHARD SCHUMACHER		8			456.00	285.00	1/3/1962
MARI 14733	Log	DEEPENING	24320		RICHARD SCHUMACHER	132.00	8			456.00	456.00	3/15/1991

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer	Local USGS Aquifer
MARI 9168	Columbia River Basalt	Late Tertiary Basalt Aq	Late Tertiary Basalt Aquifers		Columbia River Basalt Group
MARI 9169	Columbia River Basalt	Late Tertiary Basalt Aq	Late Tertiary Basalt Aquifers		Columbia River Basalt Group
MARI 14733	Columbia River Basalt	Late Tertiary Basalt Aq	Late Tertiary Basalt Aquifers		Columbia River Basalt Group

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Flow Units	Duration (hr)	Calculated Specific Capacity (gpm/ft)
MARI 9168	Pump	350.0	110.0		0.0	3.18

Lithology (Click to Collapse...)

Lithology

Start Depth	End Depth	Prim. Lithology	Lithology Desc.	Water Bearing Zone	Water Bearing Zone WL
0.00	3.00	Soil	Soil		
3.00	17.00	Clay	Red & Yellow Clay		
17.00	99.50	Basalt	Basalt		

RECEIVED
MAY 23 2019
OWRD

13191

D1-2/7-19

99.50	114.50	Ash	Soft Ash
114.50	122.50	Basalt	Fractured Basalt
122.50	238.00	Basalt	Basalt
238.00	239.00	Clay	Clay
239.00	260.00	Basalt	Vesicular Basalt
260.00	285.00	Basalt	Basalt
285.00	291.00	Basalt	Medium Hard Gray Basalt
291.00	296.00	Basalt	Vesicular Gray & Green Basalt
296.00	307.00	Basalt	Fractured Gray Basalt
307.00	336.00	Basalt	Hard Gray Basalt
336.00	355.00	Basalt	Medium Hard Gray Basalt
355.00	360.00	Basalt	Vesicular Black Basalt & Tan Claystone
360.00	384.00	Basalt	Medium Hard Basalt
384.00	435.00	Basalt	Hard Basalt
435.00	450.00	Basalt	Fractured Basalt
450.00	456.00	Basalt	Hard Black Basalt

Well Construction

(Click to Collapse...)

Construction

Feature Type	Start Depth	End Depth	Diameter	Material Type
Seal	0.00	39.50	12.000	CEMENT GROUT
Casing	-1.00	40.00	8.000	STEEL
Open Interval	40.00	285.00	8.000	OPEN HOLE
Open Interval	285.00	456.00	6.000	OPEN HOLE

Measured Water Level

(Click to Collapse...)

Records/Page: 20 Find

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
5/19/1959		85.00	477.00	DRILLER	WELL LOG	REPORTED	UNKNOWN	
12/1/1961		85.00	477.00	USGS	GWATER	REPORTED	STATIC	
1/3/1962		85.00	477.00	DRILLER	WELL LOG	REPORTED	UNKNOWN	
10/26/1962		89.40	472.60	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
3/6/1963		86.78	475.22	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
5/16/1963		86.00	476.00	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
8/14/1963		109.94	452.06	OWRD	STATE OBSERVATION WELL	AIRLINE	STATIC	0.00
12/2/1963		89.70	472.30	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
1/14/1964		88.23	473.77	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
2/14/1964		87.46	474.54	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
5/25/1964		86.80	475.20	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
8/5/1964				OWRD	STATE OBSERVATION WELL	NOT MEASURED	PUMPING	0.00
11/10/1964		89.60	472.40	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
2/8/1965		88.74	473.26	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
5/10/1965		88.51	473.49	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
8/16/1965				OWRD	STATE OBSERVATION WELL	NOT MEASURED	PUMPING	0.00
11/4/1965		95.35	466.65	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
2/8/1966		91.43	470.57	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
5/9/1966		89.33	472.67	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00
8/1/1966		100.40	461.60	OWRD	STATE OBSERVATION WELL	STEEL TAPE	STATIC	0.00

10-3/7

1 2 3 4 5 6

Flow Meter/Power Meter

(Click to Collapse...)

Records/Page: 20 Find

Flow Meter/Power Meter

Organization	OWRD	Date	Water Use Year	Final Use (af)	FM Reading Last Year	FM Reading	FM Multiplier	FM Units	FM Rollover Nbr	FM Rollover Value	Final Use Source	Final Use Determined By
OWRD	GROUNDWATER SECTION	4/20/2018							1	0		

Available Data

(Click to Collapse...)

Aquifer Test Completed:
Geophysical Log Completed:
Water Chemistry:
Flowing Well:
Saline:
Rock Geochemistry:
OWRD Recorder:
Other OWRD Recorder:

- View Hydrograph

RECEIVED
MAY 23 2019
OWRD

13191

L/h - 19

D1-S17

Oregon Water Resources Department
OWRD Groundwater Hydrographs

Main Help
Return Contact Us

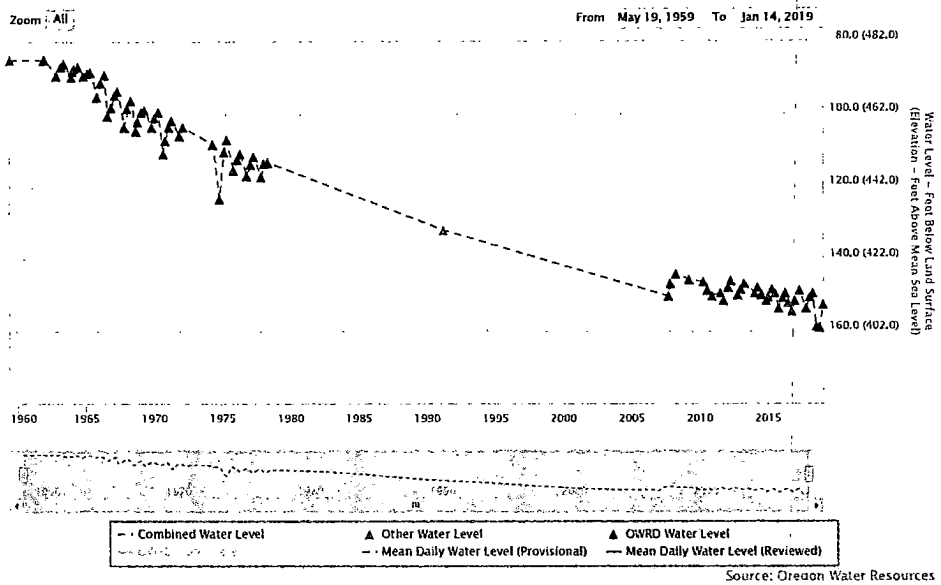
RECEIVED
MAY 23 2019
OWRD

Search Records

Well Log Id: or GW Logid: MARI0009168

Well Location:	8.00S/1.00W-35BAA	Total Depth (fbls):	456 ft	Water Level Count:	85
Log ID:	MARI 9168 Well Log	Land Surface Elevation:	562 ft	Wtr Lvl Date Range:	5/19/1959 - 1/14/2019
Well Tag:	—	Vertical Reference Datum:	NGVD1929	Wtr Lvl Min-Max:	85 - 159.06 ft
State Observation:	675	Primary Use of Well:	IRRIGATION	Recorder Wtr Lvl Count:	0
USGS Site:		Primary Aquifer System:	Late Tertiary Basalt Aq	Recorder Wtr Lvl Date Range:	—
				Recorder Wtr Lvl Min-Max:	—

Groundwater Levels for MARI 9168



Source: Oregon Water Resources

Water Level | Daily Water Level | Lithology | Construction

Measured Water Levels for MARI 9168

All Fields Search...

	Well	Date	Time	Water Level (BL...	Water Level Elev. (FT AMSL)	Organization	OWRD	Method	Status	Meas. Point Ht.	Reviewed
1	MARI0009168	05/19/1959		85	477.00	DRLR	WLOG	REPORTED	UNKNOWN		PLAUSIBLE
2	MARI0009168	12/01/1961		85	477.00	USGS	GWTR	REPORTED	STATIC		
3	MARI0009168	01/03/1962		85	477.00	DRLR	WLOG	REPORTED	UNKNOWN		PLAUSIBLE
4	MARI0009168	10/26/1962		89.4	472.60	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
5	MARI0009168	03/06/1963		86.78	475.22	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
6	MARI0009168	05/16/1963		86	476.00	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
7	MARI0009168	08/14/1963		109.94	452.06	OWRD	SOW	AIRLINE	STATIC	0	UNRELIABLE
8	MARI0009168	12/02/1963		89.7	472.30	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
9	MARI0009168	01/14/1964		88.23	473.77	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
10	MARI0009168	02/14/1964		87.46	474.54	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
11	MARI0009168	05/25/1964		86.8	475.20	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
12	MARI0009168	08/05/1964				OWRD	SOW	NOT MEASURED	PUMPING	0	
13	MARI0009168	11/10/1964		89.6	472.40	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
14	MARI0009168	02/08/1965		88.74	473.26	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
15	MARI0009168	05/10/1965		88.51	473.49	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
16	MARI0009168	08/16/1965				OWRD	SOW	NOT MEASURED	PUMPING	0	
17	MARI0009168	11/04/1965		95.35	466.65	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
18	MARI0009168	02/08/1966		91.43	470.57	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
19	MARI0009168	05/09/1966		89.33	472.67	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
20	MARI0009168	08/01/1966		100.4	461.60	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
21	MARI0009168	11/09/1966		98.2	463.80	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
22	MARI0009168	02/14/1967		94.63	467.37	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE
23	MARI0009168	05/08/1967		93.69	468.31	OWRD	SOW	STEEL TAPE	STATIC	0	PLAUSIBLE

Search took 0.004 sec

1-23 of 106

13191

RECEIVED
JAN - 8 1962
STATE ENGINEER
SALEM, OREGON

DI-6/7

9/69
MIR

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM 10, OREGON within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

8/1W-35 C(1)

State Well No. .....

State Permit No. .....

(1) OWNER:
Name Richard Schumacher
Address Sublimity, Ore.

(2) LOCATION OF WELL:
35c
County Marion Driller's well number 8/1W-26P
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):
New Well ☐ Deepening ☒ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:
Threaded ☐ Welded ☐
..... " Diam. from ..... ft. to ..... ft. Gage .....
..... " Diam. from ..... ft. to ..... ft. Gage .....
..... " Diam. from ..... ft. to ..... ft. Gage .....

(7) PERFORATIONS:
Perforated? ☐ Yes ☐ No
Type of perforator used
Size of perforations in. by in.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.

(8) SCREENS:
Well screen installed ☐ Yes ☐ No
Manufacturer's Name .....
..... Model No. .....
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

(9) CONSTRUCTION:
Well seal—Material used in seal .....
Depth of seal ..... ft. Was a packer used? .....
Diameter of well bore to bottom of seal ..... in.
Were any loose strata cemented off? ☐ Yes ☐ No Depth .....
Was a drive shoe used? ☐ Yes ☐ No
Was well gravel packed? ☐ Yes ☐ No Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 85 ft. below land surface Date 12/1/61
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☐ No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "
Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG:
Diameter of well below casing 8
Depth drilled 25 ft. Depth of completed well 285 ft.
Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Basalt (fresh)	260	285

RECEIVED
MAY 23 2019
OWRD

Work started 12/1 1961. Completed 1/3/62 19
Date well drilling machine moved off of well 19

(13) PUMP:
Manufacturer's Name .....
Type: ..... H.P. .....

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

NAME Harry A. Robinson (Person, firm or corporation) (Type or print)
Address 2211 Front St. NE Salem, Ore
Drilling Machine Operator's License No. 22
[Signed] Harry A. Robinson (Water Well Contractor)
Contractor's License No. 22 Date 1/3/62, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

13191

#10

STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

MAR1 14733.1

MAR 26 1991 D1-7/7 85/1W/35 ba

WATER RESOURCES D (START CARD) # 24320

(1) OWNER:

Well Number: 91-107

Name Richard Schumacher

Address 7987 Boedigheimer Road

City Sublimity State OR Zip 97385

(2) TYPE OF WORK:

☐ New Well ☒ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation

☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes ☐ No ☒ Depth of Completed Well 456 ft.

Explosives used Yes ☐ No ☒ Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
EXISTING HOLE						
8"	0	285				
6 1/8"	285	456				

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:	8"	+1	?	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
350	100'	450'	1 hr.

Temperature of water 52° 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:

(9) LOCATION OF WELL by legal description:

County Marion Latitude Longitude

Township 8 N of S. Range 1 E of (W.) WM.

Section 35 NE ¼ NW ¼

Tax Lot 5531 Lot 2227 Block Subdivision

Street Address of Well (or nearest address) 7987 Boedigheimer Rd. SE Sublimity, OR. 97385

(10) STATIC WATER LEVEL:

132 ft. below land surface. Date 3/15/91

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 132

From	To	Estimated Flow Rate	SWL
291	307	40	132
355	360	30	132
435	450	90	132

(12) WELL LOG:

Ground elevation 600

Material	From	To	SWL
Basalt grey med-hard	285	291	
Basalt grey & green vesi.	291	296	
Basalt grey w/fractures	296	307	
Basalt grey hard	307	336	
Basalt grey med-hard	336	355	
Basalt blk. soft W/Clays-			
tone tan vesicular	355	360	
Basalt med-hard w/small			
vesicules	360	384	
Basalt hard dense	384	435	
Basalt some fractured	435	450	
Basalt blk hard	450	456	

RECEIVED

MAY 23 2019

OWRD

Date started 3/12/91 Completed 3/15/91

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, abandonment of this well is in compliance with Oregon well construct standards. Materials used and information reported above are true to my b knowledge and belief.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonm work performed on this well during the construction dates reported above. work performed during this time is in compliance with Oregon v construction standards. This report is true to the best of my knowledge a belief. MACK DRILLING CO WWC Number 1394

Signed Eugene R. Mack Date 3/18/91

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 13191 9809C

STATE ENGINEER
Salem, Oregon

(9/67)

Well Record

STATE WELL NO. 8/1W-35bc
COUNTY Marion
APPLICATION NO. GR-2353

02-1/2

OWNER: Hilda Schumacher

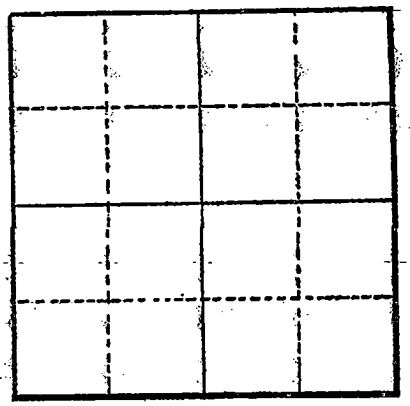
MAILING ADDRESS:

CITY AND STATE: Sublimity, Oregon

LOCATION OF WELL: Owner's No.

SW 1/4 NW 1/4 Sec. 35 T. 8 ~~N.~~ S. R. 1 ~~E.~~ W. W.M.

Bearing and distance from section or subdivision corner North 1325 feet and East 2474 feet



Section

Altitude at well

TYPE OF WELL: Drilled Date Constructed 1952

Depth drilled 240 Depth cased 100 and 240

CASING RECORD:

8-inch
8-inch

RECEIVED
MAY 23 2019
OWRD

FINISH:

AQUIFERS:

WATER LEVEL:
83 feet

PUMPING EQUIPMENT: Type U. S. pump H.P. 25
Capacity 250 G.P.M.

WELL TESTS:
Drawdown 82 ft. after hours pumping 257 G.P.M.
Drawdown 64 ft. after hours pumping 230 G.P.M.

USE OF WATER Irrigation Temp. °F. , 19

SOURCE OF INFORMATION GR-2235

DRILLER or DIGGER Burt Smith, Sublimity, Oregon

ADDITIONAL DATA:
Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

State Printing 89316

13191

D2- 2/2

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: MARI 9166

Main Help
Return Contact Us

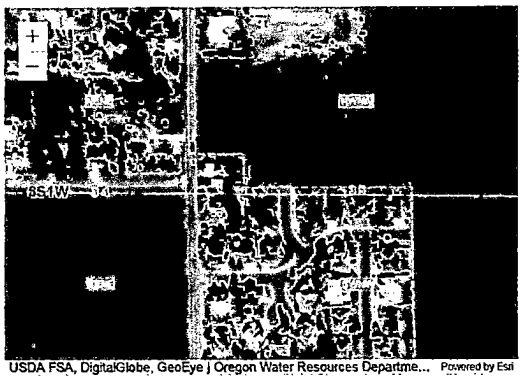
Site Identification (Click to Collapse...)

GW LogID: MARI 9166 Well Log Database
GW Well Tag Number:
Tag Verified on Well?: No
Site Type: WELL
Primary Use:
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: Karl Wozniak
Established Date: 04/09/2011
Bonded Company:
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 44.83503412 Horiz. Error: 250.00 ft.
Longitude: -122.76359439 Datum: WGS1984
Lat/Long Source: WR GR CLAIM MAP

Location
TRSQQ: WM 8.00S1.00W35SWNW
Tax Map:
Taxlot:
24 Quad:
Basin: 2 - Willamette
County: Marion
WM District: 16
WM Region: NW
LSD Elev: 569.00 Accy: 5.00 Datum: NGVD1929
Elev Source: 7.5-MINUTE MAP
Groundwater Mapping Tool



Water Rights (Click to Expand...)

Well Construction History (Click to Collapse...)

Well Construction History

Well Log Id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case. Diam.	Max Case. Depth.	Max Seal Depth.	Max Depth	Completed Depth	Complete Date
MARI 9166	Log	NEW			HILDA SCHUMACHER					202.00	202.00	5/31/1939

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer	Local USGS Aquifer
MARI 9166	Columbia River Basalt	Late Tertiary Basalt Aq	Late Tertiary Basalt Aquifers		Columbia River Basalt Group

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Flow Units	Duration (hr)	Calculated Specific Capacity (gpm/ft)
MARI 9166	Pump	165.0	81.0			2.04

Available Data (Click to Expand...)

RECEIVED
MAY 23 2019
OWRD

13191

STATE ENGINEER
Salem, Oregon

9766
M 21....

Well Record

STATE WELL NO. 8/1W-35bc
COUNTY Marion
APPLICATION NO. GR-2352

D3-Y1

OWNER: Hilda Schumacher

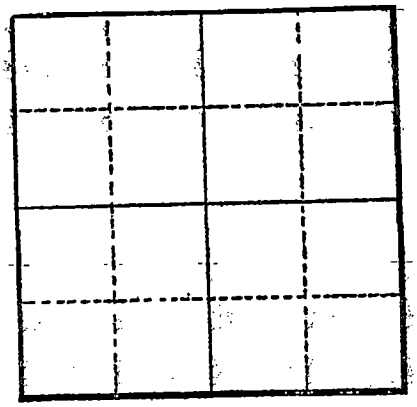
MAILING ADDRESS:

CITY AND STATE: Sublimity, Oregon

LOCATION OF WELL: Owner's No.

SW ¼ NW ¼ Sec. 35 T. 8 ~~N.~~ S. R. 1 ~~E.~~ W., W.M.

Bearing and distance from section or subdivision corner North 1325 feet and East 2494 feet



Section

Altitude at well

TYPE OF WELL: Drilled Date Constructed 1939

Depth drilled 202 Depth cased 100 & 202

CASING RECORD:

5-inch
5-inch

FINISH:

AQUIFERS:

WATER LEVEL:

84 feet

PUMPING EQUIPMENT: Type Coak H.P. 3
Capacity 50 G.P.M.

WELL TESTS:
Drawdown 51 ft. after hours pumping 90 G.P.M.
Drawdown 81 ft. after hours pumping 165 G.P.M.

USE OF WATER Irrigation Temp. °F., 19
SOURCE OF INFORMATION GR-2234
DRILLER or DIGGER R. Stadeli, Silverton, Oregon
ADDITIONAL DATA:
Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

State Printing 89316

13191