Amended 5/2/2022 WELL I.D. LABEL# L $_{137714}$ STATE OF OREGON **DESC 62721** START CARD# 1048874 WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) 6/23/2021 ORIGINAL LOG# (1) LAND OWNER Owner Well I.D First Name PUBLIC WORKS Last Name DEPARTMENT (9) LOCATION OF WELL (legal description) Company CITY OF REDMOND County DESCHUTES Twp 15.00 S N/S Range 13.00 E E/W WM Address 243 EAST ANTLER AVENUE Sec 19 SE 1/4 of the SW 1/4 Tax Lot 102 State OR City REDMOND Tax Map Number ___ × New Well Deepening (2) TYPE OF WORK " or 44.24869500 Alteration (complete 2a & 10) " or -121.22079200 Abandonment(complete 5a) DMS or DD (2a) PRE-ALTERATION Street address of well
 Nearest address Stl Plstc Wld Thrd 4365 SW VOLCANO AVENUE, REDMOND, OR 97756 Material To From Amt sacks/lbs Seal: (10) STATIC WATER LEVEL (3) DRILL METHOD SWL(psi) Rotary Air Rotary Mud X Cable Auger Cable Mud SWL(ft) Existing Well / Pre-Alteration | Reverse Rotary | Other Completed Well Irrigation X Community Flowing Artesian? Dry Hole? Domestic (4) PROPOSED USE Industrial/ Commericial Livestock Dewatering WATER BEARING ZONES Depth water was first found 455.00 Thermal Injection Other + SWL(ft) SWL Date Est Flow SWL(psi) From To (5) BORE HOLE CONSTRUCTION Special Standard (Attach copy 12/11/2020 455 505 Depth of Completed Well 985.00 ft. 2/26/2021 505 742 1500 459 BORE HOLE **SEAL** sacks 3/4/2021 742 3000 471 Dia From Material From To Amt lbs 275 28 240 858 S 0 26 Calculated 405.09 (11) WELL LOG Calculated Ground Elevation 3177.00 C \mathbf{X} D How was seal placed: Method From То Material Crushed Gravel & Loose Boulders Other 3 Backfill placed from 275 ft. to 700 ft. Material 3/8 PEA GRAVEL Brown Ash & Boulders Brown Cemented Boulders Filter pack from _____ ft. to ____ 986 ft. Material COLO SILIGize 6/9 42 Boulders 42 51 Explosives used: Yes Type___ Amount Soft Brown Rock 52 (5a) ABANDONMENT USING UNHYDRATED BENTONITE 52 Boulder 53 Soft Brown Rock 58 Actual Amount Proposed Amount Hard Brown & Red Basalt 60 (6) CASING/LINER Brown & Red Rock & Ash 60 86 Dia Casing Liner From To Gauge Plstc Wld Thrd Hard Gray Basalt 86 137 lacksquare20 $|\mathbf{X}|$ 743 X .375 Brown Conglomerate 137 152 • 974 985 .375 Reddish Brown Conglomerate 152 176 Brown Conglomerate 176 195 Reddish Conglomerate & Red Cinders 195 205 2<u>33</u> Red & Black Broken Basalt 205 Inside Outside Other Location of shoe(s) Gray Basalt 233 290 Mild Gray Basalt 332 Temp casing From + Yes Dia Broken Gray Basalt & Cinders 332 339 (7) PERFORATIONS/SCREENS Gray Basalt 345 Perforations Method Screens Type Wire Wrap Slotted Material 304 Stainless Date Started9/4/2020 Completed 5/26/2021 Perf/ Casing/ Screen Scrn/slot Slot # of (unbonded) Water Well Constructor Certification Screen Liner From width length slots Screen Casing 18 974 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number (8) WELL TESTS: Minimum testing time is 1 hour Signed Pump O Air Flowing Artesian (Bailer (bonded) Water Well Constructor Certification Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) I accept responsibility for the construction, deepening, alteration, or abandonment

ORIGINAL - WATER RESOURCES DEPARTMENT

°F Lab analysis X Yes By Umpqua

Water quality concerns?

Yes (describe below) TDS amount 122

ppm

Tinits

License Number 1385

Contact Info (optional)

Signed ROBERT BUCKNER (E-filed)

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.

Date 6/23/2021

DESC 62721

WELL I.D. LABEL# L 1377

START CARD # 10488

ORIGINAL LOG #

Description

# L	137714	
D #	1048874	
G#		

Amount Units

continuation page	6/23/2021	ORIC
(2a) PRE-ALTERATION	Water Quality Co	ncerns
Dia + From To Gauge Stl Plstc Wld Thrd	From To	
	110111	
		+
Material From To Amt sacks/lbs		+
		1
		+
(5) PODE HOLE CONSTRUCTION	(10) STATIC WA	ATER
(5) BORE HOLE CONSTRUCTION	SWL Date Fro	m
BORE HOLE SEAL	sacks/	
Dia From To Material From To A	Amt lbs	
Calculated		
Calculated		
Calculated		
Calculated		
Calculated		
FILTER PACK	(11) WELL LOG	
From To Material Size	, , ,	
		terial
	Lost Circulation	
	Mild Gray Basalt	
C) CACINCA INED	Red & Black Cinders	
(6) CASING/LINER	Red Cinders	D C
Casing Liner Dia + From To Gauge Stl Plstc W	Vld Thrd Brown Conglomerate	
2	Gray & Brown Ash & Brown Sandstone & I	
	Red Cinders	Dasan
	Gray Basalt	
	Pink Tuff / Pumice	
	Coarse Black Sand &	Gravels
	Tan Pumice	Graveis
	Coarse Black Sand &	Gravels
	Multi Color Sand & O	Gravels
	Broken Dark Gray &	Red Bas
	Broken Gray Basalt	
	Broken Red Basalt w	
	Red Multi Colored Sa	and Med
(7) PERFORATIONS/SCREENS	Coarse Black Sand	
7) I ERFORATIONS/SCREENS	Broken Dark Gray Ba	ısalt
Perf/ Casing/Screen Scrn/slot Slot # o		. 1.
Screen Liner Dia From To width length slo		
	Red & Black Cinders	
	Proken Gray Pagelt	ьasalt
	Broken Gray Basalt	
	Red Cinders Red Sandstone	
	Red Sandstone Brown Sandstone & '	White D
	Broken Gray Basalt	· · · · · · · · · · · · · · · · · · ·
	Dioken Gray Basait	
	- 	

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

Drawdown

Drill stem/Pump depth

Duration (hr)

Yield gal/min

SWL Date	From	R LEVEL To	Est Flow	SWL(psi)	+ SWL	(ft)
						()
						_
						_
						_
11) WELL I	LOG					
	Material			From	То	
Lost Circulation	ı			345	34	6
Mild Gray Basa	ılt			346	370	0
Red & Black C	inders			370	37:	5
Red Cinders				375	40:	5
Brown Conglor	nerate Brn.	Sandstone		405	46.	5
Gray & Brown				465	50:	
Brown Sandsto	ne & Basalt			505	54	_
Red Cinders				540	54:	5
Gray Basalt				545	55:	5
Pink Tuff / Pun				555	56	
Coarse Black S	and & Grav	els		563	57:	_
Tan Pumice				575	59:	
Coarse Black S				595	63:	_
Multi Color Sar				633	74:	
Broken Dark G	742	78:	_			
Broken Gray Ba				783	79:	
Broken Red Ba				795	81	_
Red Multi Colo	817	82:				
Coarse Black S	825	84:	_			
Broken Dark G				845	854	
Coarse Black S	854	85				
Medium Hard C				856	86	
Red & Black C	864	86				
Porous Broken	867	93				
Broken Gray Ba	937	96				
Red Cinders	961	96	_			
Red Sandstone	965 970	97				
D C 1:	Brown Sandstone & White Pumice Broken Gray Basalt					
	14			977	98	

Backfill with bentonite frm_275' to_280': 20"X 18" concentric

reducer frm_743' to_744'.

DESC 62721

6/23/2021

Map of Hole

STATE OF OREGON WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL

Latitude: 44.24869500 Datum: WGS84

Longitude: -121.22079200

Township/Range/Section/Quarter-Quarter Section:

WM15.00S13.00E19SESW

Address of Well:

4365 SW VOLCANO AVENUE, REDMOND, OR 97756

Well Label: 137714

Printed: June 8, 2021

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor

