

MARI 69528
R. Stadel & Sons
Well & Pump, Inc.

4385 Stadel Lane NE WELL I.D. LABEL# 136742
Silverton, OR 97381 START CARD # 217006
 ORIGINAL LOG #

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

(1) LAND OWNER Owner Well I.D. #2
 First Name Kurt & Koreen Last Name Metzger
 Company _____
 Address 1940 105th Ave NE
 City Salem State OR Zip 97317

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
 Dia + From To Gauge Stl Plstc Wld Thrld
 Casing: _____
 Material From To Amt sacks/lbs
 Seal: _____

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well 265 ft.
BORE HOLE

Dia	From	To	Material	SEAL	From	To	Amt	sacks/ lbs
10	0	265	Bentonite	0	22	14	S	
						Calculated	9.2	
			Cement	22	178	55	S	
						Calculated	43.3	

How was seal placed: Method A B C D E
 Other Bentonite Poured & Probed
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from _____ ft. to _____ ft. Material _____ Size _____
 Explosives used: Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
 Proposed Amount _____ Pounds Actual Amount _____ Pounds

(6) CASING/LINER

Casing	Liner	Dia	From	To	Gauge	Stl	Plstc	Wld	Thrld
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6	1.25	265	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

 Shoe Inside Outside Other Location of shoe(s) 265
 Temp casing Yes Dia 10 From + 1 To 16

(7) PERFORATIONS/SCREENS
 Perforations Method Swift Factory
 Screens Type _____ Material _____

Perf	Casing	Screen	Dia	From	To	Scrm/slot width	Slot length	# of slots	Tele/ pipe size
			6	205	265	1/8	3.5	1,368	6

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
200	N/A	265	1

 Temperature 55 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below) TDS amount 102 ppm
 From _____ To _____ Description _____ Amount _____ Units _____
RECEIVED

(9) LOCATION OF WELL (legal description)
 County MARION Twp 7 S N/S Range 1 W E/W WM
 Sec 19 SE 1/4 of the NE 1/4 Tax Lot 100
 Tax Map Number _____ Lot _____
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
 Street address of well Nearest address
10275 Sunnyview Rd NE, Salem, OR 97317

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL (psi)	+ SWL (ft)
Completed Well	10-28-2020		111.67

 Flowing Artesian? Dry Hole?
WATER BEARING ZONES Depth water was first found 40

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
	40	45	Dribble		
	96	125	2		
10-24-2020	172	178	15		111.67
11-25-2020	182	263	200		111.67

(11) WELL LOG Ground Elevation _____

Material	From	To
Soil	0	1
Clay Brown	1	3 9
Clay & Rock	9	18
Basalt Grey Hard	18	74
Basalt Grey Hard with Fractures	74	80
Basalt Dark Grey w/Green & White Claystone Med	80	86
Basalt Grey Hard	86	90
Grey Hard with Fractures	90	96
Basalt Grey with Green Blaystone	96	120
Basalt Grey Hard	120	168
Clay Grey & Green	168	172
Basalt Grey Fractured	172	178
Basalt Grey Hard	178	182
Basalt Grey with Brown Fractured	182	186
Basalt Grey Hard	186	192
Basalt Dark Grey Broken	192	195
Basalt Grey Hard	195	199
Basalt Grey & Brown Broken & Pourous	199	206
Basalt Grey Medium	206	209

Date Started 10-23-2020 Completed 10-29-2020

(unbonded) Water Well Constructor Certification
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 License Number 358 Date 11-05-2020
 Signed [Signature]

(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 988 Date 11-09-2020
 Signed [Signature]
 Contact Info (optional) _____

OWRD

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**WATER SUPPLY WELL REPORT -
continuation page**

WELL I.D. LABEL# L	136742
START CARD #	217006
ORIGINAL LOG #	

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Material		From To		Amt sacks/lbs				

(5) BORE HOLE CONSTRUCTION

BORE HOLE			SEAL			
Dia	From	To	Material	From	To	Amt sacks/lbs
					Calculated	
					Calculated	
					Calculated	
					Calculated	

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/S green	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

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

Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

**RECEIVED
NOV 18 2020**

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)

(11) WELL LOG

Material	From	To
Basalt Black & Green Pourous	209	215
Basalt Grey Medium Hard	215	220
Basalt Black with Green Semi-Pourous	220	225
Basalt Grey with Green Medium Hard	225	232
Basalt Grey Hard	232	247
Basalt Black Pourous with Grey & Green Claystone	247	252
Clay & Wood Brown & Green	252	256
Basalt & Grey Broken	256	263
Clay White	263	265

Comments/Remarks

2 - 6 x 10 shale traps @ 182' - 183'
Packer 178' - 182'
Gravel & Bentonite