

MARI 66255
R. Stadel & Sons
Well & Pump Inc.
4385 Stadel Lane NE
Silverton, OR 97381

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

WELL I.D. LABEL# I 118263
START CARD # 213169
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D. _____
First Name Andrew & Renee Last Name Angstrom
Company _____
Address 935 78th Avenue 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 362 ft.
BORE HOLE SEAL sacks/lbs
Dia From To Material From To Amt lbs
14 0 282 Bentonite 0 20 31 S
10 282 379 Calculated 18
Cement 20 282 230 S
Calculated 104.5

How was seal placed: Method A B C D E
 Other _____
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
10 1.8 282 .250
8 270 362 .250
Shoe Inside Outside Other Location of shoe(s) 282
Temp casing Yes Dia 14 From 1 To 183

(7) PERFORATIONS/SCREENS
Perforations Method Swift Factory
Screens Type _____ Material _____
Perf/S Casing/Screen
Dia From To Scrn/slot Slot # of Tele/
green Liner Dia From To width length slots pipe size
Casing 8 280 362 .125 6 1,216 8

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
400 74.6 315 4
Temperature 55 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS amount 450 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County MARION Twp 7 S N/S Range 2 W E/W WM
Sec 23 SE 1/4 of the SW 1/4 Tax Lot 1100
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
 Street address of well Nearest address
935 78th Avenue NE, Salem, OR 97317

(10) STATIC WATER LEVEL
Date SWL (psi) + SWL (ft)
Existing Well / Pre-Alteration _____
Completed Well 05-04-2016 _____ 52.3
Flowing Artesian? Dry Hole?
WATER BEARING ZONES Depth water was first found 135
SWL Date From To Est Flow SWL (psi) + SWL (ft)
04-01-2016 135 152 50 _____ 54
Not Measured 230 237 20 _____
05-04-2016 312 375 400 _____ 52.3

(11) WELL LOG Ground Elevation _____

Material	From	To
Soil	0	1
Clay Brown Soft	1	3
Clay Stickey Brown	3	10
Clay Brown Medium	10	24
Clay Blue Stickey	24	29
Clay Grey Stickey	29	32
Packed Silt Brown	32	40
Clay Grey Stickey	40	43
Packed Silt Brown	43	47
Clay Brown Stickey	47	57
Gravel with Clay	57	65
Cemented Gravel	65	95
Gravel Large Cemented	95	120
Cemented Gravel Softer	120	135
Sand & Gravel	135	152
Clay Brown & Lavender with some Gravel	152	168
Siltstone Brown Medium	168	173
Weathered Rock Soft Brown & Yellow	173	195
Weathered Rock with Grey	195	205

Date Started 03-23-2016 Completed 04-22-2016

(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 1358 Date 05-04-2016
Signed Byron B. Stadel

(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 688 Date 05-09-2016
Signed Steven J. Stadel
Contact Info (optional) _____

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MAY 16 2016
SALEM, OR

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JUN 13 2016
SALEM, OR

**WATER SUPPLY WELL REPORT -
continuation page**

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WELL I.D. LABEL#	L 118263
START CARD #	213169
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 screen	Casing/ Liner	Screen Dia	From	To	Scrm/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)

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 Grey Medium Hard	205	230
Basalt Dark Soften	230	237
Basalt Grey Hard	237	242
Basalt Grey with Green with some Fractures	242	275
Basalt Grey Fractured with Brown	275	299
Basalt Grey Hard	299	312
Basalt Grey & Brown Fractured	312	375
Basalt Grey Hard	375	379

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MAY 16 2016

SALEM, OR

Comments/Remarks

Well was drilled to 379'. 10" bit & stabilizer twisted off while cleaning out hole. Diligent effort was made to fish it out to no avail. After consulting with owner, decision was made to leave it in well. Will have no effect or performance of well. 8" liner was installed to top of tools at 362'.