

MAR 66629

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

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

WELL I.D. LABEL# 121530 START CARD # 213212 ORIGINAL LOG #

(1) LAND OWNER Nelson Kuenzi 10155 Sunnyview Rd NE Salem OR 97317

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

(2a) PRE-ALTERATION Dia 6 From 0 To 350 Gauge 250 Stl Plstc Wld Thrd

(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 Depth of Completed Well 345 ft. BORE HOLE SEAL sacks/lbs

How was seal placed: Method A B C D E Other bent prd & prbd Backfill placed from 244 ft. to 350 ft. Material native claystone Filter pack from 244 ft. to 240 ft. Material packed fine sand & gravel

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

(6) CASING/LINER Casing Liner Dia 6 From 0 To 350 Gauge 250 Stl Plstc Wld Thrd

(7) PERFORATIONS/SCREENS Perf/S Casing/Screen Dia From To Scm/slot width Slot length # of slots Tele/pipe size

(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 56 F Lab analysis Yes By Water quality concerns? Yes (describe below) TDS amount 160

(9) LOCATION OF WELL (legal description) County MARION Twp 7 S N/S Range 1 W E/W WM Sec 19 NW 1/4 of the NE 1/4 Tax Lot 300

(10) STATIC WATER LEVEL Date 12-06-2016 SWL(psi) SWL(ft) 87.3

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft)

(11) WELL LOG Ground Elevation Material From To

Date Started 11-17-2016 Completed 12-06-2016

(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.

(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.

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WATER SUPPLY WELL REPORT - continuation page

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(2a) PRE-ALTERATION

Table with columns: Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes diagrams of well casing sections.

(5) BORE HOLE CONSTRUCTION

Table with columns: BORE HOLE (Dia, From, To), SEAL (Material, From, To), Amt (sacks/lbs). Includes 'Calculated' entries.

FILTER PACK

Table with columns: From, To, Material, Size.

(6) CASING/LINER

Table with columns: Casing Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes diagrams of casing sections.

(7) PERFORATIONS/SCREENS

Table with columns: Perf/S creen, Casing/ Screen Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/ pipe size.

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

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr).

Water Quality Concerns

Table with columns: From, To, Description, Amount, Units.

(10) STATIC WATER LEVEL

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft).

(11) WELL LOG

Table with columns: Material, From, To. Lists geological layers like basalt grey hard, claystone blue green, etc.

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Comments/Remarks

6x10 shale trap installed @ 245 ft. packer of gravel & fine sand 240-245 ft seal from 240' to land surface