

**DRAFT**

**MARI 66089**  
R. Stadel & Sons  
Well & Pump Inc.  
4385 Stadel Lane NE  
Silverton, OR 97381

WELL I.D. LABEL# L 118269  
START CARD # 212299  
ORIGINAL LOG #

(as required by ORS 537.765 & OAR 690-205-0210)

**(1) LAND OWNER** Owner Well I.D. \_\_\_\_\_  
First Name Norman & Linda Last Name Brenden  
Company \_\_\_\_\_  
Address 9962 Selah Springs Dr NE  
City Silverton State OR Zip 97381

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

**(2a) PRE-ALTERATION**  
Dia + From To Gauge Stil Plstc Wld Thrd  
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 330 ft.  
**BORE HOLE** **SEAL** sacks/lbs  
Dia From To Material From To Amt lbs  
14 0 170 \_\_\_\_\_  
12 170 178 \_\_\_\_\_  
10 178 330 Cement 0 178 160 S  
Calculated 70

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 Stil Plstc Wld Thrd  
           
Shoe  Inside  Outside  Other Location of shoe(s) 178  
Temp casing  Yes Dia 14 From 0 To 24  
12 0 170

**(7) PERFORATIONS/SCREENS**  
Perforations Method \_\_\_\_\_  
Screens Type \_\_\_\_\_ Material \_\_\_\_\_  
Perf/S Casing/ Screen Sern/slot Slot # of Tele/  
green Liner Dia From To width length slots 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)  
1,000 \_\_\_\_\_ 330 \_\_\_\_\_ 1  
600 \_\_\_\_\_ 180 \_\_\_\_\_ 5 Min

Temperature 56 °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below) TDS amount 430  
From To Description Amount Units

**(9) LOCATION OF WELL (legal description)**  
County MARION Twp 7 S N/S Range 1 W E/W WM  
Sec 7 SE 1/4 of the NW 1/4 Tax Lot 2000  
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
 Street address of well  Nearest address  
9962 Selah Springs Dr NE, Silverton, OR 97381

**(10) STATIC WATER LEVEL**  
Date SWL(psi) + SWL(ft)  
Existing Well / Pre-Alteration \_\_\_\_\_  
Completed Well 01-25-2016 \_\_\_\_\_ 65.6  
Flowing Artesian?  Dry Hole?

WATER BEARING ZONES Depth water was first found 30

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
01-15-2016	66	120	30		54
01-19-2016	145	155	30		53.3
01-19-2016	215	216	30		
01-19-2016	246	251	70		
01-19-2016	255	295	150		

**(11) WELL LOG** Ground Elevation \_\_\_\_\_

Material	From	To
Soil	0	1
Clay Brown Firm	1	22
Clay Brown Medium	22	30
Clay Grey with Gravel	30	36
Clay Tan	36	41
Packed Sand Brown	41	46
Packed Sand with Gravel Brown	46	60
Sand & Gravel	60	120
Gravel with Grey Clay	120	135
Clay Grey	135	145
Gravel Brown	145	155
Clay with Gravel	155	159
Basalt Grey Hard	159	180
Basalt Grey Hard with Green Seams	180	190
Basalt Grey Hard	190	206
Basalt Grey Medium Hard	206	215
Basalt Grey Fractured & Pourous	215	216
Basalt Grey Hard	216	246
Basalt Red & Grey Fractured	246	251

Date Started 01-12-2016 Completed 01-25-2016

**(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 01-25-2016  
Signed Ryan 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 01-25-2016  
Signed Steven N. Stadel  
Contact Info (optional) \_\_\_\_\_ **RECEIVED BY OWRD**  
**FEB 01 2016**

**WATER SUPPLY WELL REPORT - continuation page**

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

WELL I.D. LABEL# **L118269**  
 START CARD # **212299**  
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**(2a) PRE-ALTERATION**

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

  

Material	From	To	Amt	sacks/lbs

**(5) BORE HOLE CONSTRUCTION**

BORE HOLE			SEAL			Amt	sacks/lbs
Dia	From	To	Material	From	To		
						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/Screen	Casing/Liner	Screen Dia	From	To	Scr/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)
01-25-2016	324	328	700		65.6

**(11) WELL LOG**

Material	From	To
Basalt Grey & Brown Hard	251	255
Basalt Grey Medium Hard Coarse Grain	255	295
Basalt Grey Hard	295	324
Basalt Grey Fractured	324	328
Basalt Grey Hard	328	330

**Comments/Remarks**

**RECEIVED BY OWRD**  
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**MAR 07 2016**  
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**SALEM, OR**  
**SALEM, OR**