MARI 66706

Westerberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

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

WELL I.D. LABEL# L 121544
START CARD # 213180
ORIGINAL LOG #

MARI 66706

(1) LAND OWNER
Owner Well I.D.
First Name Last Name
Company Fessler Family LLC
Address 13009 McKee School Rd.
City Woodburn State OR Zip 97071

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

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(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:									

	Material	From	To	Amt	sacks/lbs
Seal:					

(3) DRILL METHOD
[ ] Rotary Air [ ] Rotary Mud [X] Cable [ ] Auger [ ] Cable-Mud
[ ] Reverse Rotary [ ] Other

(4) PROPOSED USE
[ ] Domestic [X] Irrigation [ ] Community
[ ] Industrial/ Commericial [ ] Livestock [ ] Dewatering
[ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION
Special Standard [ ] (Attach copy)
Depth of Completed Well 291 ft.

BORE HOLE

Dia	From	To
20	0	60
16	60	304

SEAL

Material	From	To	Amt	sacks/lbs
Bentonite	0	11	31	S
		Calculated	13	
Cement	11	60	80	S
		Calculated	35	

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
[X] Other Bentonite Placed Dry
Backfill placed from 291 ft. to 304 ft. Material Sand
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	Thrd
●	○	16	X	1.5	166.5	.375	○	○	X	
○	●	12		121	161	.250	●	○	X	
○	●	12		281	291	.250	○	○	X	
○	○						○	○		
○	○						○	○		

Shoe [ ] Inside [X] Outside [ ] Other Location of shoe(s) 298
Temp casing [X] Yes Dia 20 From 0 To 50

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Material

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Screen		12" PS	161	281	.065			12" PS

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
1,200	49		4

Temperature 56 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below) TDS amount 125 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
County MARION Twp 6 S N/S Range 2 W E/W WM
Sec 10 SE 1/4 of the SW 1/4 Tax Lot 1900
Tax Map Number Lot
Lat ° ' " or DMS or DD
Long ° ' " or DMS or DD
(●) Street address of well ( ) Nearest address
6199 Topaz Lane, Brooks, OR 97305

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	02-06-2017			30.8

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 16

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
All sand & gravel layers below SWL. The SWL was changing daily by other pumping wells & time of year.						

(11) WELL LOG
Ground Elevation

Material	From	To
Topsoil Brown	0	2
Silt Brown	2	43
Silt Grey	43	54
Clay Grey Stiff	54	63
Clay Brown Sandy	63	71
Clay Grey	71	90
Gravel with Clay Grey	90	114
Clay Grey	114	138
Clay Grey Sandy w/Thin Cemented Sand Layers	138	153
Gravel with Clay Grey	153	168
Black Sand & Gravel Loose	168	179
Clay Grey	179	181
Clay with Gravel Grey	181	184
Grey Loosely Cemented Sand & Gravel	184	195
Sand & Gravel Grey Loose	195	197
Sand & Gravel Grey Semi-Cemented	197	211
Clay Grey	211	213
Gravel with Clay Grey	213	217
Sand with Clay Lenses	217	222

Date Started 06-30-2016 Completed 02-13-2017

(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 Date
Signed

(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 188 Date 02-14-2017
Signed Steven N. Stadele
Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95

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WATER SUPPLY WELL REPORT - continuation page

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START CARD # 213180
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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 Dia	From	To	SEAL 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/Screen	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)

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
Gravel Cemented Course	222	231
Sand & Gravel Medium Course Grey Turning to	231	
Brown Loosely Cemented		254
Course Gravel Cobbles & Clay Grey with Thin	254	
Layers of Loose		283
Clay Grey	283	289
Clay Brown Stickey	289	304

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Comments/Remarks

16" drive shoe cut off & left @ 298'. Bore hole backfilled with sand from 291' - 304'. 10" x 12" reducer between 10" screen and 12" riser pipe. 12" drive shoe welded on upside down on top of 12" riser pipe.