

PO BOX 1228  
MOLALLA, OR 97038

WELL I.D. LABEL# I 131102  
START CARD # 214999  
ORIGINAL LOG #

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

MARI 68150

(1) LAND OWNER  
First Name Richard Owner Well I.D. #2  
Last Name Kraft  
Company  
Address 8644 Warner Dr SE  
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 Thr  
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 485 ft.

BORE HOLE			SEAL			Amt	sacks/lbs
Dia	From	To	Material	From	To		
12	0	20	Bentonite	0	20	19	S
10	20	176			Calculated	19	
8	176	505	Cement	20	175	48	S
					Calculated	43	

How was seal placed: Method  A  B  C  D  E  
 Other Bentonite Poured & Probed  
Backfill placed from 485 ft. to 505 ft. Material Rock Cuttings  
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 Thr  
  6  1.5 179.5 250      
Shoe  Inside  Outside  Other Location of shoe(s) 179.5  
Temp casing  Yes Dia 12 From +  1 To 7

(7) PERFORATIONS/SCREENS  
Perforations Method \_\_\_\_\_  
Screens Type \_\_\_\_\_ Material \_\_\_\_\_  
Perf/S Casing/Screen Scm/slot Slot # of Tele/  
green Liner Dia From To width length slots pipe size

Perf/S	Casing/Screen	Scm/slot	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)  
120 \_\_\_\_\_ 485 1

Temperature 55 °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below) TDS amount 61 ppm  
From To Description Amount Units

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 35 NW 1/4 of the SE 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  
3/4 mile south of State Street. West of Howell Prairie 1/2 mile

(10) STATIC WATER LEVEL  
Date SWL(psi) + SWL(ft)  
Existing Well / Pre-Alteration \_\_\_\_\_  
Completed Well 07-27-2018 \_\_\_\_\_ 143  
Flowing Artesian?  Dry Hole?

WATER BEARING ZONES Depth water was first found 76

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
	76	95	2-3		DNM
07-02-2018	136	138	35		74.08
07-27-2018	202	250	120		143
07-27-2018	476	480	30		143

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

Material	From	To
Soil & Rock	0	2
Clay Brown & Rock	2	3
Clay Brown	3	10
Weathered Rock Soft	10	18
Basalt Grey Fractured	18	40
Basalt Grey Medium with Fractures	40	65
Basalt Grey hard	65	72
Basalt Grey with Red Cinders	72	76
Basalt Grey Poursous Medium & Fractured	76	95
Basalt Grey Hard	95	136
Basalt Hard Grey with Fractures	136	138
Basalt Grey Hard	138	202
Basalt Grey Fractured	202	210
Basalt Grey Hard	210	220
Basalt Grey Broken	220	226
Basalt Grey Fractured	226	240
Basalt Light Grey Hard	240	290
Basalt Dark Grey Hard	290	455
Basalt Light Grey Hard	455	476

Date Started 06-29-2018 Completed 07-27-2018

(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 07-27-2018  
Signed *Ben B...*

(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 09-04-2018  
Signed *Steven N. Stadler*

RECEIVED  
DEC 03 2018  
OWRD  
SEP 20 2018

**MARI 68150**  
**WESTERBERG DRILLING INC.**  
 PO BOX 1228  
 MOLALLA, OR 97038

MARI 68150

**WATER SUPPLY WELL REPORT - continuation page**

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**(2a) PRE-ALTERATION**

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
					○ ○			
					○ ○			
					○ ○			
					○ ○			

  

Material	From	To	Amt	sacks/lbs

**Water Quality Concerns**

From	To	Description	Amount	Units

**(5) BORE HOLE CONSTRUCTION**

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

**(10) STATIC WATER LEVEL**

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

**FILTER PACK**

From	To	Material	Size

**(6) CASING/LINER**

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			

**(11) WELL LOG**

Material	From	To
Basalt Grey/Porous Medium	476	480
Basalt Grey	480	483
Clay Grey	483	488
Clay Pink	488	495
Clay Blue & Pink	495	498
Clay Green & Brown	498	501
Siltstone Dark Green	501	505

**(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)

**Comments/Remarks**

6" cable tool shoe @ 180' with 6" x 10" shale trap @ 176' with rock cuttings packer 175' - 176'.

RECEIVED

SEP 20 2018

OWRD