

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

WELL I.D. LABEL# 1
START CARD # 1037023
ORIGINAL LOG # MORROW

(1) LAND OWNER
Owner Well I.D. Munley 1 #2370
First Name _____ Last Name _____
Company Union Pacific Railroad
Address 1400 Douglas Street Stop 1030
City Omaha State NE Zip 68179

(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 Thrd
Casing: 12 0 175
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 _____ ft.
BORE HOLE
Dia From To Material SEAL From To Amt sacks/lbs
Calculated
Calculated

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 372 Sacks Actual Amount 501 Sacks

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
 12 0 175
Shoe Inside Outside Other Location of shoe(s) _____
Temp casing Yes Dia _____ From + _____ To _____

(7) PERFORATIONS/SCREENS
Perforations Method Open Hole 175 to 410
Screens Type _____ Material _____
Perf/S Casing/ Screen Scrm/slot Slot # of Tele/
creen Liner Dia From To width length slots pipe size
Casing 20 175 4

(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 _____ °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS amount
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County MORROW Twp 4 N N/S Range 27 E E/W WM
Sec 20 NW 1/4 of the SW 1/4 Tax Lot R/R ROW
Tax Map Number _____ Lot _____
Lat _____ " or 45.810995 DMS or DD
Long _____ " or -119.474712 DMS or DD
 Street address of well Nearest address
75504 Gun Club Rd, Irrigon, OR 97844

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration 11-07-2017 _____ + 60
Completed Well _____
Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found _____
SWL Date From To Est Flow SWL(psi) + SWL(ft)

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

(11) WELL LOG Ground Elevation 535
Material From To
RECEIVED BY OWRD
DEC 18 2017
SALEM, OR

Date Started 11-07-2017 Completed 11-20-2017

(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 10454 Date 12-12-17
Signed James W. Miller

(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 10454 Date 12-12-17
Signed James W. Miller
Contact Info (optional) _____

WATER SUPPLY WELL REPORT -
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START CARD # **1037023**
ORIGINAL LOG # MORROW

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Std	Plstc	Wld	Thrd
Material					From	To	Amt sacks/lbs	

(5) BORE HOLE CONSTRUCTION

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

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Std	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/S 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)

(11) WELL LOG

Material	From	To

RECEIVED BY OWRD

DEC 18 2017

SALEM, OR

Comments/Remarks

Installation of bentonite chips from 410-feet up to 200-feet.
Neat cement grout from 200 up to 5-feet. Installed with tremie pipe pumped into place.
Well cut off 5-feet below grade and the well cement mushroom capped.
Mills knife perforated the well casing from 175 up to 20-feet