

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

WELL LABEL # L 91789

START CARD # 201131

(1) LAND OWNER Owner Well I.D. 2

First Name Neil Last Name Miller  
 Company \_\_\_\_\_  
 Address 22281 River Road NE  
 City St. Paul State OR Zip 97137

(2) TYPE OF WORK  New Well  Deepening  Conversion  
 Alteration (repair/recondition)  Abandonment

(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 328 ft.

BORE HOLE			SEAL		sacks/	
Dia	From	To	Material	From	To	lbs
16	0	389	Bentonite Chips	0	5	13 S
			Cement	5	28	15 S
			Bent chips - 13M	28	166	306 S
			Cement + Bent	166	204	30 S

How was seal placed: Method  A  B  C  D  E

Other Bent poured-probed

Backfill placed from 345 ft. to 389 ft. Material slough

Filter pack from 215 ft. to 345 ft. Material CSSI Size 6/9

Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

(6) CASING/LINER

Casing Liner	Dia	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	10	2	250	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	6	215	235	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	6	255	286	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	6	291	293	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	6	308	328	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_

Temp casing  Yes Dia \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

(7) PERFORATIONS/SCREENS

Perforations Method \_\_\_\_\_

Screens Type V-wire wrap Material 304SS

Perf/S	Casing/	Screen	Casing/	Screen	Scrn/slot	Slot	# of	Tele/
screen	Liner	Dia	From	To	width	length	slots	pipe size
Screen		6	235	255	.04			PS
Screen		6	286	291	.04			PS
Screen		6	293	308	.04			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)
400	110		1
340	94		1
340	107		22

Temperature 55°F Lab analysis  Yes By \_\_\_\_\_

Water quality concerns?  Yes (describe below)

From	To	Description	Units

(9) LOCATION OF WELL (legal description)

County MARION Twp 4 S N/S Range 2 W E/W WM

Sec 8 NE 1/4 of the NE 1/4 Tax Lot 300

Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_

Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD

Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD

Street address of well  Nearest address

Owner's \_\_\_\_\_

(10) STATIC WATER LEVEL

Date	SWL(psi)	SWL(ft)
Existing Well / Predeepening		
Completed Well	04-14-2009	84

Flowing Artesian?  Dry Hole?

WATER BEARING ZONES

Depth water was first found *NM - Flashed RC*

SWL Date	From	To	Est Flow	SWL(psi)	SWL(ft)
	<i>sand-gravel materials</i>				
	<i>NM</i>	<i>36</i>	<i>151</i>	<i>NM</i>	<i>NM</i>
	<i>sand-gravel materials:</i>				
04-14-2009	254	308	400		84

(11) WELL LOG

Ground Elevation \_\_\_\_\_

Material	From	To
Top soil	0	1
Clay, brown & grey, soft	1	19
Clay, grey, soft, silty-sandy	19	21
Clay, grey & brown, soft	21	31
Clay, grey, soft	31	36
Sand, black, medium-fine	36	38
Clay, grey, soft	38	50
Sand, black, fine w/some cementation	50	84
Clay, dark grey, medium, soft, silty	84	95
Sand, black, fine w/some cementation	95	101
Clay, blue-grey, medium	101	107
Clay, blue-green, silty-sandy	107	110
Gravel, pea-1/2 & sand, black, med-coarse w/wood	110	114
Clay, grey, medium-soft, sandy	114	117
Sand, brown, coarse & gravel, pea w/some clay, grn	117	118
Clay, grey, brown, medium	118	120
Clay, grey, soft, some sandy-silty	120	129
Clay, grey, soft, some silty-sandy	129	132

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Date Started 03-04-2009 Completed 04-20-2009

(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 1367 Date 04-30-2009

Password: (if filing electronically)

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 649 Date 04-30-2009

Password: (if filing electronically)

Signed \_\_\_\_\_

Contact Info (optional)

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 MAY 04 2009

# MARI 62390

**WATER SUPPLY WELL REPORT - continuation page**

WELL I.D. # L 91789 \_\_\_\_\_

START CARD # 201131 \_\_\_\_\_

**(5) BORE HOLE CONSTRUCTION**

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

**FILTER PACK**

From	To	Material	Size

**(6) CASING/LINER**

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

**(7) PERFORATIONS/SCREENS**

Perf/S creen	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

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MAY 04 2009

**(10) STATIC WATER LEVEL**

**Water Bearing Zones**

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

**(11) WELL LOG**

Material	From	To
Clay, blue-grey, soft & sand, coarse w/some gravel, pea & wood	132	133
Sand, black, coarse & gravel, pea w/clay, blue-grey, soft & wood layers	133	147
Sand, black, coarse & gravel, 2"	147	151
Clay, grey, hard & soft layers	151	153
Clay, grey & blue-grey, medium	153	159
Clay, green, medium, soft, silty	159	161
Clay, grey & brown, medium, some silty-sandy	161	186
Clay, grey, med-soft, some sand, crse & grvl, small	186	188
Clay, grey & blue-grey, medium	188	200
Clay, grey, medium-soft w/wood	200	211
Clay, grey, soft, sandy	211	222
Clay, grey, medium	222	245
Clay, grey, med-soft, some sandy & some wood	245	254
Sand, medium-coars, black & gravel, pea w/wood	254	256
Clay, brown, soft	256	259
Clay, grey, medium	259	273
Clay, grey, brown, medium, silty	273	279
Clay, grey, medium	279	289
Sand, black, medium	289	290
Clay, grey, medium	290	296
Sand, black, medium-fine, some cementation	296	308
Clay, grey & brown, hard-soft, little sandy	308	389

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**Comments/Remarks**

Bottom of screen assembly has welded 1/4" thick plate.  
 Top of screen assembly has 6" NPT coupling.  
 Lower end of casing has shale trap.  
 Annulus from 204' to 250' has native slough materials.