

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

CLAC 70774

WELL I.D. LABEL# L 116199
START CARD # 1024524
ORIGINAL LOG #

10/7/2014

(1) LAND OWNER

Owner Well I.D.
First Name TONY Last Name DENTEL
Company PORTLAND GENERAL ELECTRIC
Address 121 SW SALMON ST
City PORTLAND State OR Zip 97402

(2) TYPE OF WORK

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

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thrd
Material From To Amt sacks/lbs
Seal:

(3) DRILL METHOD

[X] Rotary Air [] Rotary Mud [] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE

[X] Domestic [] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 163.50 ft. Special Standard [] (Attach copy)

Table with columns: Dia, From, To, Material, SEAL, Amt, sacks/lbs. Row 1: 10, 0, 90, Cement, 0, 90, 2100, P. Row 2: 6, 90, 163.5.

How was seal placed: Method [] A [] B [X] C [] D [] E

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 Actual Amount

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, +, From, To, Gauge, Stl, Plstc, Wld, Thrd. Row 1: 6, 1.5, 131, 250, [X]. Row 2: 4, 3.4, 143.5, 200, [X].

Shoe [X] Inside [X] Outside [] Other Location of shoe(s)

Temp casing [X] Yes Dia 10 From 0 To 10

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type CERTALOK Material PVC

Table with columns: Perf/ Screen, Casing/ Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/ pipe size. Row 1: 4, 143.5, 163.5, 10, 1.5, 1.5.

(8) WELL TESTS: Minimum testing time is 1 hour

[] Pump [] Bailer [X] Air [] Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 35, 163, 1.5.

Temperature 44 °F Lab analysis [] Yes By

Water quality concerns? [] Yes (describe below) TDS amount

Table with columns: From, To, Description, Amount, Units.

(9) LOCATION OF WELL (legal description)

County CLACKAMAS Twp 5.00 S N/S Range 8.00 E E/W WM
Sec 22 SE 1/4 of the SE 1/4 Tax Lot N/A
Tax Map Number Lot
Lat " or DMS or DD
Long " or DMS or DD
[] Street address of well [X] Nearest address

NORTH ARM TIMOTHY LAKE CAMP GROUND NO ADDRESS AVAILABLE

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), +, SWL(ft). Row 1: 10/7/2014, 33.

Flowing Artesian? [] Dry Hole? []

WATER BEARING ZONES

Depth water was first found 152.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), +, SWL(ft). Row 1: 10/7/2014, 152, 163.5, 34, 33.

(11) WELL LOG

Ground Elevation

Table with columns: Material, From, To. Rows: REd clay (0-19), GRay clay (19-90), FRACTURED GRAY BASALT (90-128), multi colored basalt (128-163.5).

Date Started 9/30/2014 Complete 10/7/2014

(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 1771 Date 10/7/2014

Signed GEORGE YOUNGBERG (E-filed)

Contact Info (optional) Youngberg pump & well drilling ph. 503-630-3970

WATER SUPPLY WELL REPORT -
continuation page

CLAC 70774

WELL I.D. LABEL# L

116199

START CARD #

1024524

10/7/2014

ORIGINAL LOG #

(2a) PRE-ALTERATION

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

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

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

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 Dia	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

Comments/Remarks

used 5% bentonite in cement