CLAC 72202

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

5/21/2016

WELL I.D. LABEL# L 121501
START CARD # 1029762
ORIGINAL LOG #

## (1) LAND OWNER

Owner Well I.D.
First Name BRIAN Last Name TROUTNER
Company TROUTNER FARMS
Address PO BOX 1911
City SANDY State OR Zip 97055

## (2) TYPE OF WORK

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

## (2a) PRE-ALTERATION

| | Dia | + | From | To | Gauge | Stl | Plstc | Wld | Thrd |
|---|---|---|---|---|---|---|---|---|---|
| Casing: | | | | | | | | | |

| Seal: | Material | From | To | Amt | sacks/lbs |
|---|---|---|---|---|---|
| | | | | | |

## (3) DRILL METHOD

[X] Rotary Air [ ] Rotary Mud [ ] 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 525.00 ft.

| BORE HOLE Dia | From | To | SEAL Material | From | To | Amt | sacks/lbs |
|---|---|---|---|---|---|---|---|
| 14 | 0 | 20 | Cement w/5% Bentonit | 0 | 283 | 9600 | P |
| 12 | 20 | 108 | | | Calculated | 4256.73 | |
| 10 | 108 | 283 | | | | | |
| 7.58 | 283 | 525 | | | Calculated | | |

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

## (6) CASING/LINER

| Casing | Liner | Dia | + | From | To | Gauge | Stl | Plstc | Wld | Thrd |
|---|---|---|---|---|---|---|---|---|---|---|
| ● | ○ | 8 | X | 3 | 283 | 250 | ● | ○ | X | |
| ○ | ● | 6 | | 245 | 525 | 250 | ● | ○ | X | |
| ○ | ○ | | | | | | ○ | ○ | | |
| ○ | ○ | | | | | | ○ | ○ | | |
| ○ | ○ | | | | | | ○ | ○ | | |

Shoe [X] Inside [X] Outside [ ] Other Location of shoe(s) 283
Temp casing [X] Yes Dia 10 From 0 To 80

## (7) PERFORATIONS/SCREENS

Perforations Method push down perforator
Screens Type Material

| Perf/ Screen | Casing/ Screen Liner | Dia | From | To | Scrn/slot width | Slot length | # of slots | Tele/ pipe size |
|---|---|---|---|---|---|---|---|---|
| Perf | Liner | 6 | 385 | 525 | .18 | 7 | 257 | |

## (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 | 7 | 483 | 8 |

Temperature 46 °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 CLACKAMAS Twp 1.00 S N/S Range 4.00 E E/W WM
Sec 35 NW 1/4 of the NW 1/4 Tax Lot 1901
Tax Map Number Lot
Lat ° ' " or DMS or DD
Long ° ' " or DMS or DD
(●) Street address of well ( ) Nearest address
10770 SE 362 ND

## (10) STATIC WATER LEVEL

| | Date | SWL(psi) | + | SWL(ft) |
|---|---|---|---|---|
| Existing Well / Pre-Alteration | | | | |
| Completed Well | 3/16/2016 | | | 338 |

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 375.00

| SWL Date | From | To | Est Flow | SWL(psi) | + | SWL(ft) |
|---|---|---|---|---|---|---|
| 3/16/2016 | 375 | 525 | 150 | | X | 338 |
| | | | | | | |
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## (11) WELL LOG

Ground Elevation

| Material | From | To |
|---|---|---|
| top soil | 0 | 3 |
| red clay | 3 | 31 |
| brown clay | 31 | 42 |
| sand & gravel w/b | 42 | 71 |
| brwon clay | 71 | 83 |
| tightly cemented gravel | 83 | 115 |
| gray basalt | 115 | 124 |
| brown clay | 124 | 131 |
| tightly cemented gravel | 131 | 157 |
| mc. sandstone | 157 | 164 |
| tightly cemented gravel | 164 | 192 |
| m.c. sandstone | 192 | 208 |
| brown rock | 208 | 215 |
| black basalt hard | 215 | 247 |
| gray basalt | 247 | 261 |
| black basalt hard | 261 | 278 |
| m.c. sandstone | 278 | 375 |
| med. coarse m.c. sandstone w/b | 375 | 391 |
| sand & gravel w/b | 391 | 525 |

Date Started 2/24/2016 Completed 3/16/2016

**(unbonded) Water Well Constructor Certification**

RECEIVED BY OWRD

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.

JUN 13 2016

License Number Date

Signed

SALEM, OR

**This report was originally e-filed to the Department; the original e-filed document is attached.**

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 5/21/2016

Signed GEORGE YOUNGBERG (E-filed)

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

**WATER SUPPLY WELL REPORT - continuation page**

**CLAC 72202**

**5/21/2016**

| | |
|---|---|
| **WELL I.D. LABEL# L** | 121501 |
| **START CARD #** | 1029762 |
| **ORIGINAL LOG #** | |

## (2a) PRE-ALTERATION

| Dia | + | From | To | Gauge | Stl | Plstc | Wld | Thrd |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Material | From | To | Amt | sacks/lbs |
|---|---|---|---|---|
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## Water Quality Concerns

| From | To | Description | Amount | Units |
|---|---|---|---|---|
| | | | | |
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## (5) BORE HOLE CONSTRUCTION

BORE HOLE

| Dia | From | To |
|---|---|---|
| | | |
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| | | |
| | | |
| | | |

SEAL

| Material | From | To | Amt | sacks/lbs |
|---|---|---|---|---|
| | | | | |
| | | Calculated | | |
| | | | | |
| | | Calculated | | |
| | | | | |
| | | Calculated | | |
| | | | | |
| | | Calculated | | |

FILTER PACK

| From | To | Material | Size |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

## (10) STATIC WATER LEVEL

| SWL Date | From | To | Est Flow | SWL(psi) | + | SWL(ft) |
|---|---|---|---|---|---|---|
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## (6) CASING/LINER

| Casing | Liner | Dia | + | From | To | Gauge | Stl | Plstc | Wld | Thrd |
|---|---|---|---|---|---|---|---|---|---|---|
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## (11) WELL LOG

| Material | From | To |
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## (7) PERFORATIONS/SCREENS

| Perf/ Screen | Casing/ Liner | Screen Dia | From | To | Scrn/slot width | Slot length | # of slots | Tele/ pipe size |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
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## (8) WELL TESTS: Minimum testing time is 1 hour

| Yield gal/min | Drawdown | Drill stem/Pump depth | Duration (hr) |
|---|---|---|---|
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## Comments/Remarks

installed 20 ft 14 inch temp. casing ,40 ft 12inch temp casing & 80 ft 10 inch temp casing removed as cement grout was placed