

DESC 58007

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

05-17-2007

AMENDED
6/14/07

WELL LABEL # L 84181

START CARD # 191737

(1) LAND OWNER

Owner Well I.D. L84181
First Name Last Name
Company AVION WATER CO.
Address 60813 PARREL RD
City BEND State OR Zip 97702

(2) TYPE OF WORK

(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

Table with columns: Dia, From, To, Material, SEAL, Amt, sacks/lbs. Rows show cement seal details for different depths.

How was seal placed: Method A B C D E
Backfill placed from 31 ft. to 620 ft. Material Concrete
Filter pack from ft. to ft. Material Size
Explosives used: Yes Type Amount

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Shows casing and liner specifications.

Shoe Inside Outside Other Location of shoe(s) 854
Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS

Table with columns: Perf/, Casing/, Screen Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size. Shows perforation details.

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

Table with columns: Pump/Bailer/Air/Flowing Artesian, Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Shows test results.

Table for water quality concerns with columns: From, To, Description, Amount, Units.

(9) LOCATION OF WELL (legal description)

County Deschutes Twp 17.00 S N/S Range 12.00 E E/W WM
Sec 14 NE 1/4 of the SE 1/4 Tax Lot 805
Tax Map Number Lot
Lat 0 0 or DMS or DD
Long 0 0 or DMS or DD
Street address of well Nearest address

63365 HAMEHOOK RD

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Predeepening, Completed Well, Date, SWL(psi), SWL(ft). Shows static water level data.

WATER BEARING ZONES

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Shows water bearing zones.

(11) WELL LOG

Table with columns: Material, From, To, Ground Elevation. Includes a 'RECEIVED JUN 18 2007' stamp and 'WATER RESOURCES DEPT SALEM, OREGON' text.

Date Started 03-05-2007 Completed 05-11-2007

(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.

License Number 1530 Date 05-17-2007
Electronically Filed
Signed STEVEN VIBBARD (E-filed)

(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.

License Number 1523 Date 05-17-2007
Electronically Filed
Signed ROBERT STADELI (E-filed)
Contact Info (optional)



Map of well



Boart Longyear Company.  
19700 SW Teton  
Tualatin, OR 97062  
Ph: (503) 692-6400, Fax: (503) 692-4759

Well Name: Avion Production Well  
Start Card #: 191737  
Label #: L84181

| Material Description                             | From: | To:  |
|--|-------|------|
| Basalt Hard Gray                                 | 0'    | 21'  |
| Cinders Red                                      | 21'   | 24'  |
| Basalt Gray Med Hard                             | 24'   | 31'  |
| Cinders Red                                      | 31'   | 44'  |
| Basalt Gray Hard                                 | 44'   | 81'  |
| Cinders Red                                      | 81'   | 86'  |
| Basalt Gray Med Hard Vesicular                   | 86'   | 99'  |
| Cinders Red                                      | 99'   | 105' |
| Basalt Gray & Brown Med Hard Vesicular           | 105'  | 115' |
| Basalt Gray Red & Brown Soft Vesicular           | 115'  | 126' |
| Basalt Gray & Brown Med Hard                     | 126'  | 131' |
| No Return  | 131'  | 136' |
| Basalt Gray Broken                               | 136'  | 144' |
| Conglomerate                                     | 144'  | 160' |
| Basalt Gray Med Hard with some Brown Clay Binder | 160'  | 163' |
| Conglomerate                                     | 163'  | 167' |
| No Return  | 167'  | 173' |
| Conglomerate Med Hard                            | 173'  | 186' |
| Basalt Gray Med Hard                             | 186'  | 196' |
| Basalt Brown Med Hard                            | 196'  | 215' |
| Basalt Gray & Red Soft Vesic                     | 215'  | 224' |
| Basalt Gray Hard                                 | 224'  | 235' |
| Basalt Gray Broken Vesic                         | 235'  | 243' |
| Basalt Gray Hard                                 | 243'  | 250' |
| Brown Conglomerate Med Hard                      | 250'  | 265' |
| No Return 8 Yards Cement                         | 265'  | 281' |
| Basalt Red & Gray Vesicular                      | 281'  | 285' |
| Conglomerate Brown                               | 285'  | 298' |
| Basalt Red & Gray Vesicular Med Hard             | 298'  | 305' |
| Conglomerate Brown                               | 305'  | 309' |
| Basalt Gray Hard                                 | 309'  | 318' |
| Lava Red   | 318'  | 323' |
| Basalt Gray Hard                                 | 323'  | 355' |
| Lava Cyinders Red Soft                           | 355'  | 360' |
| Basalt Gray Med Hard Some Fractures              | 360'  | 365' |
| Basalt Gray Hard                                 | 365'  | 386' |
| Lava Rock Red & Gray Badly Broken                | 386'  | 395' |
| Basalt Gray Med Hard                             | 395'  | 400' |
| Basalt Gray & Red Hard                           | 400'  | 405' |
| Basalt Gray & Red Badly Broken                   | 405'  | 409' |
| Lava Rock Red Vesicular Pour Return              | 409'  | 415' |
| Basalt Gray Hard                                 | 415'  | 421' |
| Basalt Gray Med Hard                             | 421'  | 446' |
| No Return Pour Cement                            | 446'  | 470' |
| Basalt Gray Med Hard                             | 470'  | 480' |

**RECEIVED**

**JUN 18 2007**

**WATER RESOURCES DEPT  
SALEM, OREGON**

Map of well



Boart Longyear Company.  
19700 SW Teton  
Tualatin, OR 97062  
Ph: (503) 692-6400, Fax: (503) 692-4759

Well Name: Avion Production Well (page 2)  
Start Card #: 191737  
Label #: L84181

| Material Description                                | From: | To:                         |
|---|-------|-----------------------------|
| Basalt Gray & Red Soft                              | 480'  | 485'                        |
| Cynders Red   | 485'  | 506'                        |
| Basalt Dark Brown Med Hard Vesicular                | 506'  | 530'                        |
| Basalt Gray Hard Little Return                      | 530'  | 535'                        |
| Basalt Brown Med Hard Little Return                 | 535'  | 542'                        |
| Basalt Brown Soft                                   | 542'  | 546'                        |
| Basalt Brown & Gray Hard Little Return              | 546'  | 571'                        |
| Basalt Brown Soft Broken Vesicular                  | 571'  | 585'                        |
| Basalt Brown Med Hard Vesicular                     | 585'  | 605'                        |
| Basalt Gray Soft Vesicular                          | 605'  | 624'                        |
| Basalt Gray Med Hard Vesicular                      | 624'  | 638'                        |
| Basalt Gray Med Hard Fractured                      | 638'  | 643'                        |
| Basalt Brown Broken                                 | 643'  | 650'                        |
| Basalt Brown Med Hard                               | 650'  | 654'                        |
| Basalt Brown Broken                                 | 654'  | 665'                        |
| Basalt Brown Broken with Yellowish Clay Binder      | 665'  | 671'                        |
| Lava Gray & Red Broken Vesicular                    | 671'  | 683'                        |
| Lava Gray & Red Med Hard Vesicular                  | 683'  | 705'                        |
| Basalt Gray Hard                                    | 705'  | 715'                        |
| Lava Red & Gray Vesicular with Broken Streaks       | 715'  | 751'                        |
| Basalt Gray Med Hard with Broken Streaks Red & Gray | 751'  | 784'                        |
| Basalt Gray Hard                                    | 784'  | 791'                        |
| Basalt Red & Gray Broken                            | 791'  | 796'                        |
| Basalt Red & Gray Med Hard Vesicular                | 796'  | 798'                        |
| Basalt Gray Hard                                    | 798'  | 807'                        |
| Basalt Gray Broken                                  | 807'  | 813'                        |
| Basalt Gray Hard                                    | 813'  | 818'                        |
| Basalt Gray Med Hard                                | 818'  | 822'                        |
| Basalt Gray Broken                                  | 822'  | 828'                        |
| Basalt Gray Hard                                    | 828'  | 850'                        |
| Basalt Gray Broken                                  | 850'  | <del>854'</del> <b>854'</b> |
| <b>RECEIVED</b>                                     |       |                             |
| JUN 18 2007   |       |                             |
| WATER RESOURCES DEPT<br>SALEM, OREGON               |       |                             |