

Approved:

# MEMO

**To:** Tony Janicek, Interim Well Construction Section Manager  
**From:** Tommy Laird, Well Construction Compliance Coordinator  
**Subject:** Review of Water Right Application G-19538  
**Date:** July 6, 2026

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Joe Kemper reviewed the application. Please see Joe's Groundwater Review and the Well Report.

Applicant's Well #1 (DESC 57329): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

The construction of Applicant's Well #1 may not satisfy hydraulic connection issues to surface water.

Amended 7/6/26

DESC 57329

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STATE OF OREGON

## WATER SUPPLY WELL REPORT

(as required by ORS 537.765 &amp; OAR 690-205-0210)

04-12-2006

WELL LABEL # L 81813

START CARD # 181668

## (1) LAND OWNER Owner Well I.D. \_\_\_\_\_

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Company HAP TAYLOR AND SONS

Address PO BOX 83

City BEND State OR Zip 97709

(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 FIRE(5) BORE HOLE CONSTRUCTION Special Standard ☐ (Attach copy)

Depth of Completed Well 590.00 ft.

| BORE HOLE |      |     | SEAL     |      |    | sacks/ |     |
|-----------|------|-----|----------|------|----|--------|-----|
| Dia       | From | To  | Material | From | To | Amt    | lbs |
| 16        | 0    | 98  | Cement   | 0    | 98 | 514    | S   |
| 12        | 98   | 320 |          |      |    |        |     |
| 10        | 320  | 630 |          |      |    |        |     |

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 \_\_\_\_\_

## (6) CASING/LINER

| Casing                              | Liner                               | Dia | +                                   | From | To  | Gauge | Std                                 | Plstc                    | Wld                                 | Thrd                     |
|-------------------------------------|-------------------------------------|-----|-------------------------------------|------|-----|-------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 12  | <input checked="" type="checkbox"/> | 4    | 98  | .250  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 10  | <input type="checkbox"/>            | 2    | 246 | .250  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 8   | <input type="checkbox"/>            | 2    | 590 | .188  | <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 MACHINE

Screens Type \_\_\_\_\_ Material \_\_\_\_\_

| Perf/ | Casing/Screen | Dia | From | To  | Scr/slot width | Slot length | # of slots | Tele/pipe size |
|-------|---------------|-----|------|-----|----------------|-------------|------------|----------------|
| Perf  | Liner         | 8   | 490  | 590 | .125           | 3           | 1,520      |                |
|       |               |     |      |     |                |             |            |                |
|       |               |     |      |     |                |             |            |                |
|       |               |     |      |     |                |             |            |                |

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

| Yield gal/min | Drawdown | Drill stem/Pump depth | Duration (hr) |
|---------------|----------|-----------------------|---------------|
| 200           |          | 590                   | 2             |
|               |          |                       |               |
|               |          |                       |               |

Temperature 52 °F Lab analysis ☐ Yes By \_\_\_\_\_Water quality concerns? ☐ Yes (describe below)

| From | To | Description | Amount | Units |
|------|----|-------------|--------|-------|
|      |    |             |        |       |
|      |    |             |        |       |
|      |    |             |        |       |

## (9) LOCATION OF WELL (legal description)

County Deschutes Twp 16.00 S N/S Range 12.00 E E/W WM

Sec 31 NW 1/4 of the SE 1/4 Tax Lot 400

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

Lat 44 ° 8 '14.000" or 44.1372222 DMS or DD

Long -121 ° 19 '15.000" or -121.3208333 DMS or DD

☒ Street address of well ☐ Nearest address

6543 W HWY 20

## (10) STATIC WATER LEVEL

| Existing Well / Predeepening | Date       | SWL(psi) | + | SWL(ft) |
|------------------------------|------------|----------|---|---------|
| Completed Well               | 04-12-2006 |          |   | 399     |

Flowing Artesian? ☐

WATER BEARING ZONES Depth water was first found 440

| SWL Date   | From | To  | Est Flow | SWL(psi) | + | SWL(ft) |
|------------|------|-----|----------|----------|---|---------|
| 03-30-2006 | 440  | 480 | 50       |          |   | 399     |
| 03-30-2006 | 535  | 590 | 200      |          |   | 399     |
|            |      |     |          |          |   |         |
|            |      |     |          |          |   |         |

## (11) WELL LOG

Ground Elevation 3,180

| Material                        | From | To  |
|---------------------------------|------|-----|
| Gravels                         | 0    | 2   |
| Lava Cobbles                    | 2    | 18  |
| Pumice Gravels Clay             | 18   | 36  |
| Sand Brown                      | 36   | 51  |
| Clay Silt red brown             | 51   | 62  |
| Cinders Red                     | 62   | 68  |
| Pumice                          | 68   | 79  |
| Lava Red                        | 79   | 115 |
| Crevice                         | 115  | 120 |
| Medium                          | 120  | 138 |
| Crevice                         | 138  | 142 |
| Red Brown Clay Layers           | 142  | 180 |
| Conglomerate Sand layers Caving | 180  | 225 |
| Sandstone Gray                  | 225  | 240 |
| Lava Basalt                     | 240  | 335 |
| Sandstone Brown                 | 335  | 350 |
| Lava Broken                     | 350  | 365 |
| Lava Gray                       | 365  | 388 |
| Sandstone Brown                 | 388  | 480 |

Date Started 02-13-2006

Completed 04-05-2006

## (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 758

Date 04-12-2006

Electronically Filed

Signed THOMAS R PECK (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. 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 1720

Date 04-12-2006

Electronically Filed

Signed JACK ABBAS (E-filed)

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version: 0.85

**DESC 57329**

**WATER SUPPLY WELL REPORT -**  
**continuation page**

DESC 57329  
04-12-2006

WELL I.D. # L 81813

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START CARD # 181668

### (5) BORE HOLE CONSTRUCTION

[illegible]

## FILTER PACK

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

### (6) CASING/LINER

[illegible]

### (7) PERFORATIONS/SCREENS

[illegible]

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

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

## Water Quality Concerns

[illegible]

### (10) STATIC WATER LEVEL

### Water Bearing Zones

[illegible]

## (11) WELL LOG

[illegible]

## Comments/Remarks

4 yds sand grout 40 - 160 feet  
8 yds 22 sack 140 - 175 feet  
7 1/2 yds sand grout 105 - 200 feet  
12 yds 22 sack cement 180 - 220 feet  
6 yds sand grout 140- 180 feet  
10 " bit at 590 foot