

# IDAHO DEPARTMENT OF WATER RESOURCES

## WELL DRILLER'S REPORT

1. WELL TAG NO. D D0082323

Drilling Permit No. 892026

Water right or injection well # \_\_\_\_\_

2. OWNER: Cynthia Buchanan

Name \_\_\_\_\_

Address P.O. Box 88

City Priest River State ID Zip 83856

### 3. WELL LOCATION:

✓ Twp. 56N North ☒ or South ☐ Rge. 05W East ☐ or West ☒  
Sec. 12 10 acres 1/4 40 acres 1/4 160 acres 1/4

Gov't Lot \_\_\_\_\_ County Bonner

✓ Lat. 48 ° 13 . 030 (Deg. and Decimal minutes)

Long. 116 ° 53 . 761 (Deg. and Decimal minutes)

Address of Well Site 285 Bear Gulch Rd.

(Give at least name of road + distance to road or landmark) City Priest River

Lot. \_\_\_\_\_ Blk. \_\_\_\_\_ Sub. Name \_\_\_\_\_

### 4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection  
☐ Other \_\_\_\_\_

### 5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well  
☐ Abandonment ☐ Other \_\_\_\_\_

### 6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other \_\_\_\_\_

### 7. SEALING PROCEDURES:

| Seal material | From (ft) | To (ft) | Quantity (lbs or ft <sup>3</sup> ) | Placement method/procedure |
|---------------|-----------|---------|------------------------------------|----------------------------|
| Bentonite     | 0         | 18      | 950 lbs.                           | Temp. Casing               |

### 8. CASING/LINER:

| Diameter (nominal) | From (ft) | To (ft) | Gauge/Schedule | Material | Casing                              | Liner                    | Threaded                 | Welded                              |
|--------------------|-----------|---------|----------------|----------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|
| 6"                 | +2        | 23      | .250           | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 23'

### 9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Torch Cut

Manufactured screen ☐ Y ☒ N Type \_\_\_\_\_

Method of installation \_\_\_\_\_

| From (ft) | To (ft) | Slot size | Number/ft | Diameter (nominal) | Material | Gauge or Schedule |
|-----------|---------|-----------|-----------|--------------------|----------|-------------------|
| 18        | 23      | 1/4x4     | 20        | 6"                 | Steel    | .250              |

Length of Headpipe \_\_\_\_\_ Length of Tailpipe \_\_\_\_\_

Packer ☐ Y ☒ N Type \_\_\_\_\_

### 10. FILTER PACK:

| Filter Material | From (ft) | To (ft) | Quantity (lbs or ft <sup>3</sup> ) | Placement method |
|-----------------|-----------|---------|------------------------------------|------------------|
|-----------------|-----------|---------|------------------------------------|------------------|

### 11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) \_\_\_\_\_

Describe control device \_\_\_\_\_

### 12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 15' Static water level (ft) 11'

Water temp. (°F) Cold Bottom hole temp. (°F) Cold

Describe access port Welded Steel Cap

#### Well test:

| Drawdown (feet) | Discharge or yield (gpm) | Test duration (minutes) |
|-----------------|--------------------------|-------------------------|
|                 | 15                       | 60                      |

#### Test method:

| Pump                     | Bailer                   | Air                                 | Flowing artesian         |
|--------------------------|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Water quality test or comments: \_\_\_\_\_

### 13. LITHOLOGIC LOG and/or repairs or abandonment:

| Bore Dia. (in) | From (ft) | To (ft) | Remarks, lithology or description of repairs or abandonment, water temp. | Water |   |
|----------------|-----------|---------|--------------------------------------------------------------------------|-------|---|
|                |           |         |                                                                          | Y     | N |
| 10             | 0         | 9       | Top Soil                                                                 |       | X |
| 10             | 9         | 15      | Clay & Sand                                                              |       | X |
| 10             | 15        | 18      | Gravel                                                                   | X     |   |
| 8              | 18        | 23      | Gravel w/ 15 gpm                                                         | X     |   |
| 8              | 23        | 28      | Clay                                                                     |       | X |

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JAN 08 2020

IDWR/NORTH

Completed Depth (Measurable): 23'

Date Started: Dec 23, 2019

Date Completed: Dec 23, 2019

### 14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name H2O Well Service Inc. Co. No. 448

\*Principal Driller [Signature] Date 12-27-19

\*Driller \_\_\_\_\_ Date \_\_\_\_\_

\*Operator II [Signature] Date 12-27-19

Operator I [Signature] Date 12/27/19

\* Signature of Principal Driller and rig operator are required.