

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 37-22386

Exam Date: 1-3-2013

1. Current Owner: CRAIG FREDERICKSEN  
1531 14TH AVE W  
PO BOX 301  
GOODING ID 83330  
(208)539-9252

And/Or

BETTY FREDERICKSEN  
1531 14TH AVE W  
PO BOX 301  
GOODING ID 83330  
(208)539-9252

2. Accompanied by: Craig Fredericksen (phone conversation)

Phone No: 208-934-8252

Address: same as above

Relationship to Permit Holder: Permit holder

3. SOURCETRIBUTARY

GROUND WATER

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Big Wood Canal Co. shares  
2. Other water rights with the same point of diversion: None

**C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER

L6 NE1/4NW1/4SW1/4

Sec. 6, Twp 06S, Rge 15E, B.M.

GOODING County

Method of Determination: ArcMap/Aerial Photo

2.

PLACE OF USE: DOMESTIC

| Twp | Rge | Sec | NE        |           |           |           | NW        |           |           |           | SW        |           |           |           | SE        |           |           |           | Totals |
|-----|-----|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
|     |     |     | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> |        |
| 06S | 15E | 6   |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |           |           |        |
|     |     |     |           |           |           |           |           |           |           |           |           | L 6       |           |           |           |           |           |           |        |

Method of Determination: ArcMap/Aerial Photo

3. \_\_\_\_\_ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- \_\_\_X\_\_\_ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- \_\_\_X\_\_\_ Aerial Photo Attached (required for irrigation of 10+ acres).
- \_\_\_\_\_ Photo of Diversion and System Attached

4.

| <u>Well or Diversion</u><br><u>ID No.*</u> | <u>Motor Make</u> | <u>Hp</u> | <u>Motor Serial No.</u> | <u>Pump Make</u> | <u>Pump Serial No. or Discharge</u><br><u>Size</u> |
|--------------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------------|
| D0050281                                   |                   | 1.5       |                         |                  |                                                    |

\*Code to correspond with No. on map and aerial photo

**D. FLOW MEASUREMENTS**

1.

| <u>Measurement</u><br><u>Equipment</u> | <u>Type</u> | <u>Make</u> | <u>Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|----------------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
|----------------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|

2. Measurements: No measurement made. De minimus rate of diversion.

**E. FLOW CALCULATIONS**

Measured Method: De minimus flow.

\_\_\_\_\_Additional Computation Sheets Attached

**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation: NA

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

$$0.6 \text{ AF in house use} + 0.6 \text{ AF irrigation use} = \mathbf{1.2 \text{ AF Total Volume}}$$

**G. NARRATIVE/REMARKS/COMMENTS**

Well serves home and small lot. The Fredericksens also own a lot to the east, which is watered with canal water, as is some of the house lot. Pump is 1.5 HP.

Have conditions of permit approval been met? ☒ Yes ☐ No

**H. RECOMMENDATIONS****1. Recommended Amounts**

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| DOMESTIC              | 01/01 to 12/31       | 0.040 CFS             |                      |
| <u>Totals:</u>        |                      | 0.040 CFS             | 1.20 AF              |

**2. Recommended Amendments**

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ Other

**I. AUTHENTICATION**

Field Examiner's Name James Bitzenburg

Date 1-3-2013

Reviewer

Date

1/8/13

# Correction

Form 238-7  
11/97 JGE

## IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Office Use Only  
Inspected by  
Twp Rge Sec  
1/4 1/4 1/4  
Lat: Long:

1. WELL TAG NO. D 0050281

DRILLING PERMIT NO.

Other IDWR No.

RECEIVED

11. WELL TESTS:

2. OWNER:

Name John & Debbie Infanger

Address 1821 S 1800 E

City Gooding

DEPT. OF WATER RESOURCES

SOUTHERN REGION

State ID Zip 83330

DEC 18 2008

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

|                                      |           |          |        |         |           |
|--------------------------------------|-----------|----------|--------|---------|-----------|
|                                      | Twp. 6    | North    | or     | South   | X         |
|                                      | Rge. 15   | East     | X      | or      | West      |
|                                      | Sec. 6    | 1/4      | NW     | 1/4     | SW        |
|                                      | Gov't Lot | 10 acres | County | Gooding | 100 acres |
| Lat:                                 | Long:     |          |        |         |           |
| Address of Well Site 1531 14th Ave W |           |          |        |         |           |
| City Gooding                         |           |          |        |         |           |

(Give at least name of road + Distance to Road or Landmark)  
Lt. Blk. Sub. Name

4. USE:

X Domestic ☐ Municipal ☐ Monitor ☐ Irrigation  
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK: check all that apply

(Replacement etc.)

☐ New Well ☐ Modify ☐ Abandonment ☒ Other replacement

6. DRILL METHOD:

X Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES:

| Seal/Filter Pack | AMOUNT |    | METHOD           |
|------------------|--------|----|------------------|
|                  | From   | To |                  |
| bentonite        | 0      | 19 | 200 lbs dry pour |

Was drive shoe used? Y X N Shoe Depth(s)

Was drive shoe seal tested? Y X N How?

8. CASING/LINER:

| Diameter | From | To  | Gauge | Material | Casing | Liner | Welded | Threaded |
|----------|------|-----|-------|----------|--------|-------|--------|----------|
| 6        | -11  | 19  | 1/4   | steel    | X      |       |        |          |
| 5        | -11  | 191 | 1/4   | steel    |        | X     | X      |          |

Length of Headpipe 191 Length of Tailpipe 191

9. PERFORATIONS/SCREENS:

Perforations Method  
Screens Screen Type

| From | To | Slot Size | Number | Diameter | Material | Casing | Liner |
|------|----|-----------|--------|----------|----------|--------|-------|
|      |    |           |        |          |          |        |       |

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

183 ft. below ground Artesian pressure lb.  
Depth flow encountered ft. Describe access port or control devices: well cap

| Pump            | Bailer   | X Air         | Flowing Artesian |
|-----------------|----------|---------------|------------------|
| Yield gal./min. | Drawdown | Pumping Level | Time             |
| no returns      |          |               |                  |

Water Temp. <85 Bottom hole temp. <85

Water Quality test or comments:

Depth first Water Encounter 183

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

| Bore Dia. | From | To  | Remarks: Lithology, Water Quality & Temperature | Water |
|-----------|------|-----|-------------------------------------------------|-------|
| 8         | 0    | 5   | top soil                                        |       |
| 8         | 5    | 11  | medium soft                                     |       |
| 8         | 11   | 18  | medium                                          |       |
| 6         | 18   | 21  | medium                                          |       |
| 6         | 21   | 34  | medium soft                                     |       |
| 6         | 34   | 36  | soft                                            |       |
| 6         | 36   | 39  | medium                                          |       |
| 6         | 39   | 40  | medium soft                                     |       |
| 6         | 40   |     | breaks & crevasses - lost                       |       |
|           |      |     | 42 returns                                      |       |
| 6         | 42   | 65  | medium lava                                     |       |
| 6         | 65   | 68  | medium soft & breaks                            |       |
| 6         | 68   | 77  | medium soft                                     |       |
| 6         | 77   | 80  | medium lava                                     |       |
| 6         | 80   | 83  | cinders                                         |       |
| 6         | 83   | 96  | medium soft                                     |       |
| 6         | 96   | 99  | broken & cinders                                |       |
| 6         | 99   | 101 | soft                                            |       |
| 6         | 101  | 116 | medium soft                                     |       |
| 6         | 116  | 118 | broken                                          |       |
| 6         | 118  | 119 | medium soft                                     |       |
| 6         | 119  | 130 | broken & cinders                                |       |
| 6         | 130  | 133 | medium                                          |       |
| 6         | 133  | 138 | broken & cinders                                |       |
| 6         | 138  | 140 | soft                                            |       |
| 6         | 140  | 142 | broken                                          |       |
| 6         | 142  | 158 | soft                                            |       |
| 6         | 158  | 160 | soft & small breaks                             |       |
| 6         | 160  | 178 | medium soft                                     |       |
| 6         | 178  | 185 | soft & breaks                                   | X     |
| 6         | 185  | 186 | clay                                            |       |
| 6         | 186  | 195 | medium soft & breaks                            | X     |
| 6         | 195  | 210 | medium                                          |       |
| 6         | 210  | 223 | medium soft & breaks                            | X     |
| 6         | 223  | 243 | medium                                          |       |

Completed Depth 243

(Measurable)

Date: Started 6/12/2008

Completed 6/13/2008

13. DRILLER'S CERTIFICATION:

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

Company Name Eaton Drilling & pump Service, Inc.

Firm No. 26

Firm Official

Date 6/27/2008

and

Driller or Operator

Date 6/27/2008

(Signature of Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES