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Department of Water Resources

Permit No: 35-13477

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 35-13477

Exam Date: 7/7/2004

1. Current Owner: TINA M HENSEN  
PO BOX 125  
ABERDEEN ID 83210  
(208) 681-2086

2. Accompanied by: NONE

Phone No:

Address:

Relationship to Permit Holder:

TINA CAME TO THE OFFICE  
7/6/2004

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
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

NE1/4SE1/4

Sec. 33, Twp 03S, Rge 33E, B.M.

BINGHAM County

Method of Determination: GPS

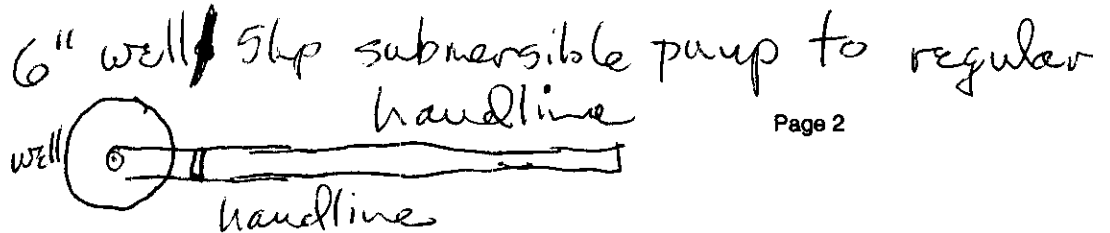
2.

PLACE OF USE: IRRIGATION

| 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> |        |
| 03S | 33E | 33  |           |           |           |           |           |           |           |           |           |           |           |           | 3.0       |           |           |           | 3.0    |

Total Acres: 3

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Method of Determination:

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☐ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ 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> |
|--------------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------------|
| Franklin Elec                              | 5hp               |           |                         |                  |                                                    |
|                                            |                   |           |                         |                  |                                                    |
|                                            |                   |           |                         |                  |                                                    |

\*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:

$$\text{CFS} = \frac{(5\text{hp} \times 6.16)}{100' + 2.31(50\text{psi})} = .10 \text{ CFS}$$

#### E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

one handline.

$$10 \text{ birds at } 4 \text{ gallon/minute} = 0.09 \text{ cfs}$$

**F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 4 = 12$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 12 \text{ AF/A}$$

## 2. Volume Calculations for Other Uses:

**G. NARRATIVE/REMARKS/COMMENTS**

well/pump to handline 5 hp Franklin electric submersible pump to a hand line.  
3 acres

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> |
|-----------------------|----------------------|-----------------------|----------------------|
| IRRIGATION            | 04/01 to 10/31       | 0.090 CFS             | 12.00 AF             |
| <u>Totals:</u>        |                      | 0.090 CFS             | 12.00 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 DAVE CARLSON Date 7/7/2004

Reviewer \_\_\_\_\_ Date \_\_\_\_\_

Twp 3S Rge 33E

33

NESE

Well

35-13477