

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

**A. GENERAL INFORMATION**

Permit No: 22-7798

Exam Date: 1/9/2013

1. Current Owner: RICHARD & SUSAN JACOBSEN FAMILY TRUST  
3201 ASH ST  
PALO ALTO CA 94306
2. Accompanied by: refer to attached Beneficial Field Report dated 8/6/2001  
Phone No:  
Address:  
Relationship to Permit Holder:

3. SOURCE TRIBUTARY  
GROUND WATER

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

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

GROUND WATER NE1/4NW1/4 Sec. 18, Twp 03N, Rge 45E, B.M.  
TETON County

Method of Determination: Map/ GPS

2.

**PLACE OF USE:** DOMESTIC

| Twp | Rge | Sec | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    |        |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | Totals |
| 03N | 45E | 18  |    | X  |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |        |

Method of Determination: Map/GPS

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> |
|--------------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------------|
|--------------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------------|

\*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:

**E. FLOW CALCULATIONS**☐ Additional Computation Sheets Attached

Measured Method:

De minimus flow. Partial in-office field exam

**F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

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

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

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

## 2. Volume Calculations for Other Uses:

$$50 \text{ people/day} \times 10 \text{ gallons/person} \times 365 \text{ days/year} = 1,82500 \text{ gallons/year} = 0.6 \text{ acre-feet}$$

$$\frac{1}{2} \text{ acre of irrigation @ } 3.5 \text{ acre-feet/acre} = 1.8 \text{ acre-feet}$$

$$\text{Total use} = 2.4 \text{ acre-feet}$$

**G. NARRATIVE/REMARKS/COMMENTS**

A partial beneficial use exam was completed on 08/06/2001 (see attached beneficial use field report). With information taken from a partial completed beneficial use report and a sanitary survey investigation and analysis (PWS# ID7410010, conducted 5/20/2010) that was provided by the Department of Environmental Quality, this exam can be completed. Domestic use is for a boys camp. According to the sanitary survey report there are approximately fifty people using the boys camp facility year round. According to the partially completed field exam there is one well that diverts into a 65,000 gallon storage tank just north of the well. Water is then diverted through a water distribution system to various buildings and areas within the camp. The 2010 sanitary survey indicates that the water system serves an approximate population of fifty users with nine connections. No water measurement was taken. De minimus flow rate.

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       | 0.200 CFS             | 2.40 AF              |
| <u>Totals:</u>        |                      | 0.200 CFS             | 2.40 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 Blair Jones Date 11/9/2013

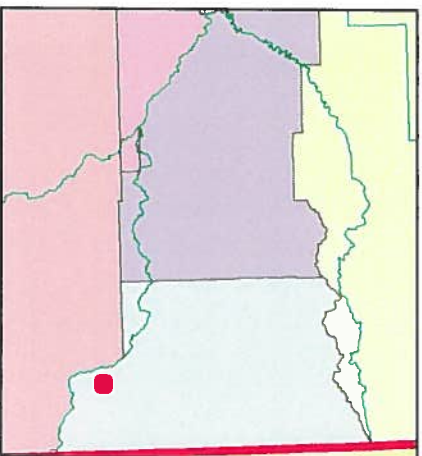
Reviewer \_\_\_\_\_ Date \_\_\_\_\_



# Idaho Department of Water Resources

Water Right  
22-7798  
(DOMESTIC)

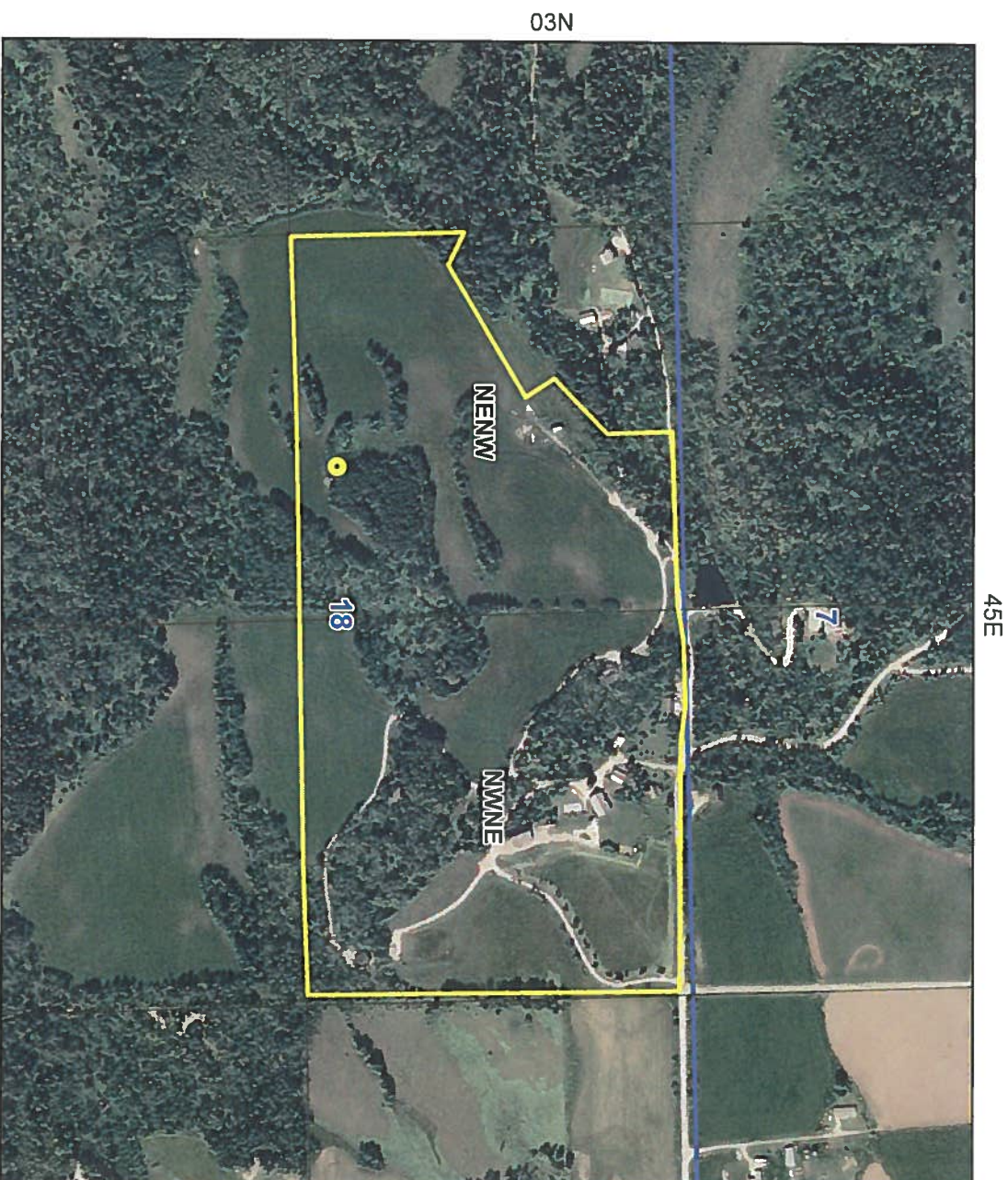
- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



Teton County  
IDWR Basin 22

Prepared by Jordan, Blake

2009 Aerial Photography



## Permit No. 22-7798

Current Address: 3201 Ash St., Palo Alto, CA 94306

**Address:** \_\_\_\_\_ **Phone No.** \_\_\_\_\_

Relationship to Permit Holder:

3. Source: Ground water tributary to

1. Other water rights with the same place of use: No. 3 other wells for domestic use + surface

2. Other water rights with the same point of diversion: No

**1. Point(s) of Diversion:**

[illegible]

Indicate Method of Determination *GPS*

[illegible]

3. Delivery System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe l.d. as applicable.

Scale: 1" = \_\_\_\_\_

\_\_\_\_\_ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

\_\_\_\_\_ Aerial Photo Attached (required for irrigation of 10+ acres)

\_\_\_\_\_ Photo of Diversion and System Attached

4.

| Well or Diversion Identification No.* | Motor Make | Hp | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---------------------------------------|------------|----|------------------|-----------|-----------------------------------|
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |

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

D. FLOW MEASUREMENTS

1.

| Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|------|------|-----------|------------|------|-------------|
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |

2. Measurements:

*Therapia*

E. NARRATIVE/REMARKS/COMMENTS

Point of diversion is on the south end of the ranch

GPS R080622B

A 65,000 gallon storage tank lies just north of the well.

The well was put in to provide fire protection for the ranch and its numerous structures. It is also to provide a reliable water source for ranch.

Places of use that would lie on the ranch's perimeter are as follows:

Middle Bunk House GPS R080621A

South Bunk House R080621B

Homestead Cabin R080622A

Jensen Cabin R080622C

Bennion Ranch has surface rights from Drake Creek

Denning Drilling did the well. Richard believed the well was 200 ft deep. He was not certain of the size of pump or make of pump.

Kent Foster is Richard Jacobson's atty.

Have conditions of permit approval been met? ☒ yes ☐ no

## F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

## G. VOLUME CALCULATIONS

### 1. Volume Calculations for Irrigation:

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

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

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

### 2. Volume Calculations for Other Uses:

## H. RECOMMENDATIONS

### 1. Recommended Amounts

| Beneficial Use | Period of Use |    | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|----------------|---------------|----|------------------------------|--------------------------|
|                | From          | To |                              |                          |
|                |               |    |                              |                          |
|                |               |    |                              |                          |
|                |               |    |                              |                          |
|                |               |    |                              |                          |
|                |               |    |                              |                          |
| Totals:        |               |    |                              |                          |

### 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 Steve Mueller Date 8-7-01

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

SEAL





22-7798 GPS unit sitting on well. Mr. Jacobsen standing by cistern.



POU cabin Middle bunkhouse



POU Cabin South bunkhouse



POU Main Lodge



POU Jensen Cabin