

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

**A. GENERAL INFORMATION**

Permit No: 22-7695B

Exam Date: 7/20/1995

1. Current Owner: JEPPESEN BROTHERS RANCH  
C/O GARRY JEPPESEN  
1030 S 7TH W  
SUGAR CITY ID 83448  
(208)356-7401
2. Accompanied by: N/A This is an in-office update to a field exam completed on July 20, 1995.

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: 22-7521B, 22-7680A, 22-7680B, 22-7687, and 22-7695B all share a common point of diversion.

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

GROUND WATER NE1/4NE1/4 Sec. 18, Twp 05N, Rge 41E, B.M. MADISON County

Method of Determination: Site visit / aerial photography

**2. PLACE OF USE: IRRIGATION**

| Twp Rge Sec | NE   |    |    |    | NW |    |      |    | SW |    |    |    | SE |    |    |      | Totals |
|-------------|------|----|----|----|----|----|------|----|----|----|----|----|----|----|----|------|--------|
|             | NE   | NW | SW | SE | NE | NW | SW   | SE | NE | NW | SW | SE | NE | NW | SW | SE   |        |
| 05N 41E 8   |      |    |    |    |    |    |      |    |    |    |    |    |    |    |    | 20.0 | 20.0   |
| 05N 41E 16  |      |    |    |    |    |    | 30.0 |    |    |    |    |    |    |    |    |      | 30.0   |
| 05N 41E 17  | 34.0 |    |    |    |    |    |      |    |    |    |    |    |    |    |    |      | 34.0   |

Total Acres: 84

Method of Determination: Aerial photography

3. ☒ Delivery System Diagram: See 1995 field exam.
- ☐ Map 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: See 1995 field exam.

**D. FLOW MEASUREMENTS**

1995 measurement was not reliable. Field examiner used theoretical diversion rate (8.23 cfs).

**E. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$8.23 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 3493.4 \text{ acre-feet per year}$$

$$3493.4 \text{ acre-feet} / 1192 \text{ acres} = 2.9307 \text{ acre-feet per acre}$$

$$84 \text{ acres} \times 2.9307 = 246.2 \text{ acre-feet per year}$$

**F. NARRATIVE/REMARKS/COMMENTS**

Original field exam completed in July 1995. Well/pump to sprinklers and pivots. 800 hp pump with 200 hp booster. Measurement from field exam was not reliable. Examiner used theoretical measurement of 8.23 cfs based on size of pump and depth to water.

Five permits share the same single ground water well point of diversion: 22-7521B, 22-7680A, 22-7680B, 22-7687, and 22-7695B. The field examiner found 1192 irrigated acres between all five permits. Each permit will be licensed for 0.02 cfs per acre and the full permitted acres. The five permits in combination will be limited to 8.23 cfs, 1192 acres, and 3493.4 acre feet (8.23 cfs x 214 days x 1.9835).

The place of use recommended on the original 1995 field exam was modified slightly based on improved aerial imagery. The same number of acres are still recommended in this revised field exam.

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

**G. 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       | 1.680 CFS             | 246.20 AF            |
| <u>Totals:</u>        |                      | 1.680 CFS             | 246.20 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

**H. AUTHENTICATION**

Field Examiner's Name Dave Carlson Date Jan 9, 2013

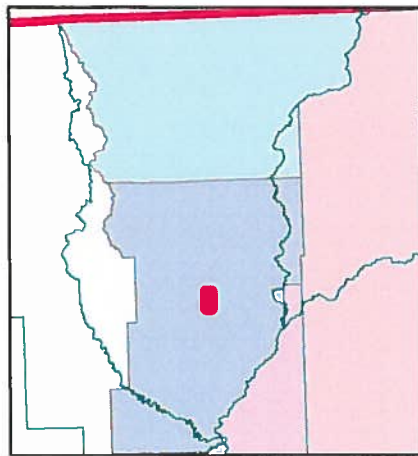
Reviewer James Cefalo Date Jan 14, 2013



# Idaho Department of Water Resources

Water Right  
22-7695B  
(IRRIGATION)

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



Madison County  
IDWR Basin 22

Prepared by Carlson, Dave

2009 Aerial Photography

