

MAY 24 2002

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

Department of Water Resources

## A. GENERAL INFORMATION

Permit No. 79-7963

1. Owner: Jeffrey/Kathleen Harris Phone No. 254-3454

Current Address: PO BOX 252 McCammon, Id 83251

2. Accompanied by: NONE EXAM DATE: 5/13/2002

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

Relationship to Permit Holder: \_\_\_\_\_

3. Source: Spring tributary to Marsh Creek

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

[illegible]

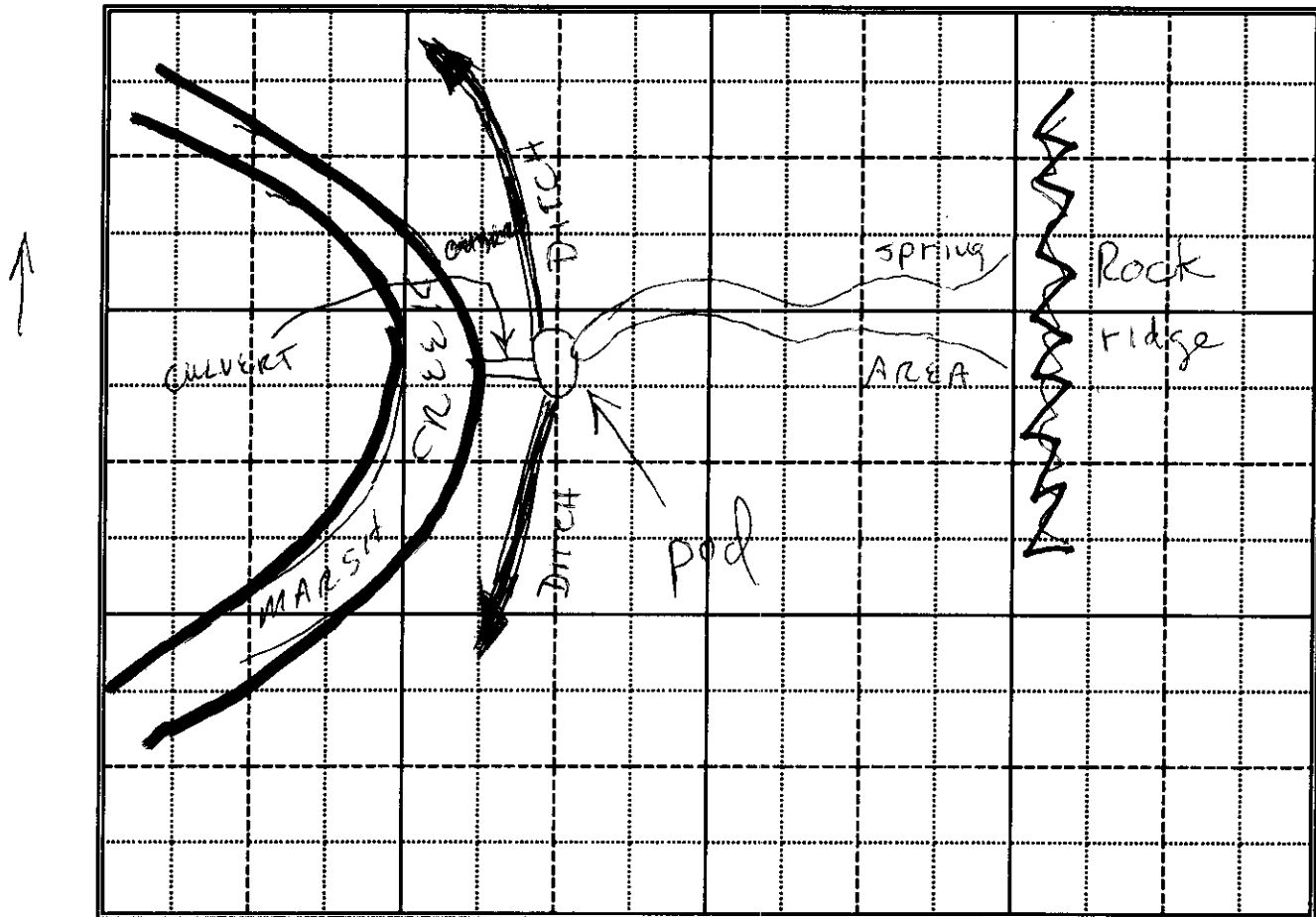
**2. Place(s) of Use:**

**Indicate Method of Determination**

| TWP | RGE | SEC | NE   |    |    |      | NW |    |    |    | SW |    |    |    | SE          |    |    |    | Totals |
|-----|-----|-----|------|----|----|------|----|----|----|----|----|----|----|----|-------------|----|----|----|--------|
|     |     |     | NE   | NW | SW | SE   | NE | NW | SW | SE | NE | NW | SW | SE | NE          | NW | SW | SE |        |
| 9S  | 36E | 10  | 2    |    |    | 8    |    |    |    |    |    |    |    |    |             |    |    |    | 10     |
|     |     |     | LT-1 |    |    | LT-2 |    |    |    |    |    |    |    |    |             |    |    |    |        |
|     |     |     |      |    |    |      |    |    |    |    |    |    |    |    |             |    |    |    |        |
|     |     |     |      |    |    |      |    |    |    |    |    |    |    |    |             |    |    |    |        |
|     |     |     |      |    |    |      |    |    |    |    |    |    |    |    |             |    |    |    |        |
|     |     |     |      |    |    |      |    |    |    |    |    |    |    |    |             |    |    |    |        |
|     |     |     |      |    |    |      |    |    |    |    |    |    |    |    |             |    |    |    |        |
|     |     |     |      |    |    |      |    |    |    |    |    |    |    |    |             |    |    |    |        |
|     |     |     |      |    |    |      |    |    |    |    |    |    |    |    |             |    |    |    |        |
|     |     |     |      |    |    |      |    |    |    |    |    |    |    |    | MICROFILMED |    |    |    | 10     |

MAR 24 2003

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.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 |
|-----------------------|------|------|-----------|------------|------|-------------|
| bucket 5gal.          |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |

2. Measurements: 2 ditches - both of which could carry 10 inches of water

water flowing " rough culvert = 90%  
5 gal // 3 seconds

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E. NARRATIVE/REMARKS/COMMENTS

Water springs up ~~is~~ next to a Rock ~~ridge~~  
ridge

The pod is an area where a 24" culvert  
would flow into Marsh Creek. A board is  
used to block the culvert and water  
would flow into 2 ditches to the north  
and south.

ditch capacity both would be more than  
10 inches of water

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

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**F. FLOW CALCULATIONS**

\_\_\_\_ Additional Computation Sheets Attached

Measured Method:

 $10 \times 0.02 = .20 \text{ cfs}$  90 gpm through culvert**G. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 10 \times 3.5 = 35 \text{ AF/A}$$
$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days In Irrigation Season}) \times 1.9835 = 0.20 (214) (1.9835) = 85 \text{ AF/A}$$
$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 35.0 \text{ AF/A}$$

## 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    |                              |                          |
| IRR            | 4/01          | 10/31 | 0.20                         | 35 AF/A                  |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
| Totals:        |               |       | 0.20 cfs                     | 35 AF/A                  |

## 2. Recommended Amendments

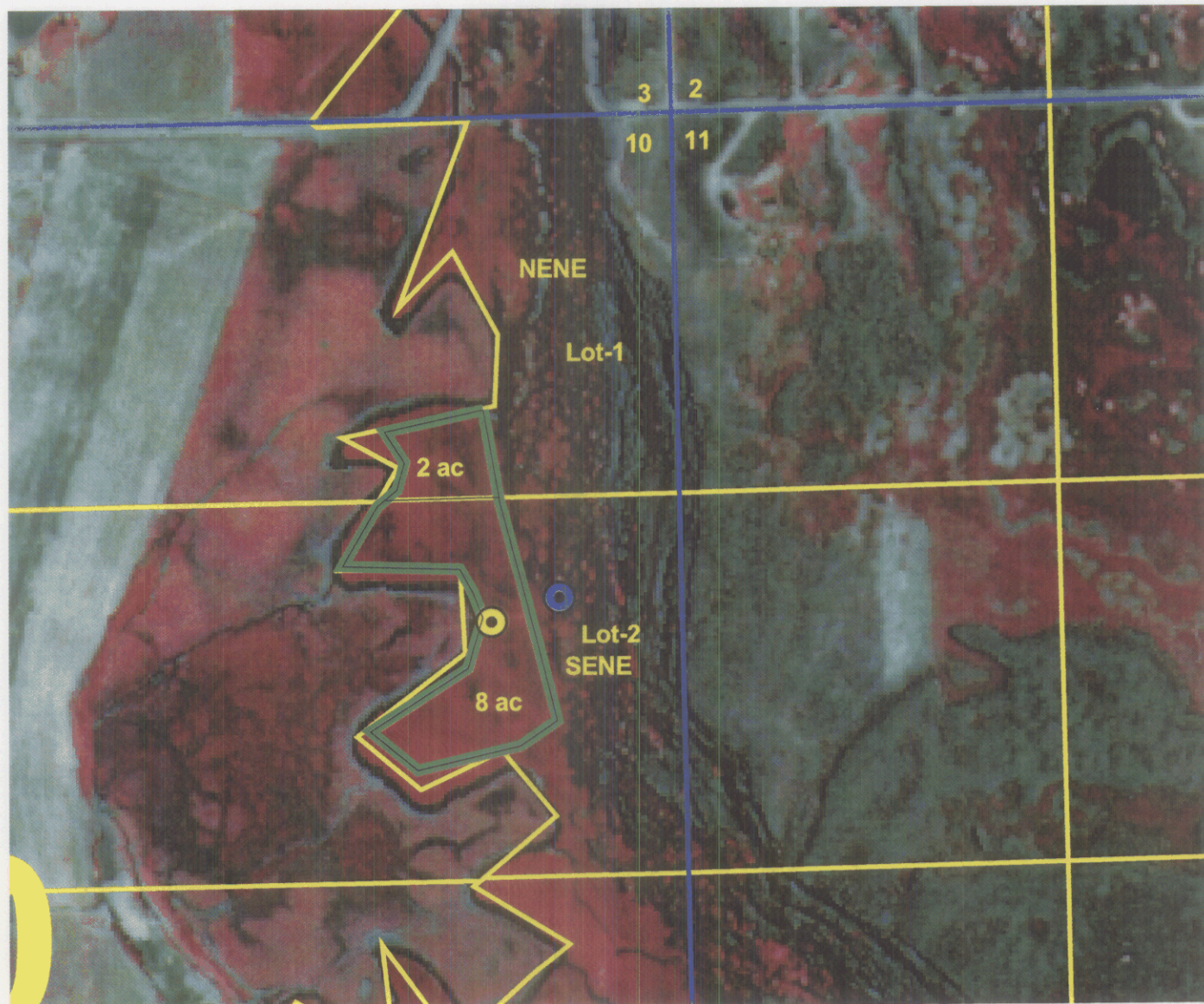
\_\_\_\_ Change P.D. as reflected above    \_\_\_\_ Add P.D. as reflected above    ☒ None  
\_\_\_\_ Change P.U. as reflected above    \_\_\_\_ Add P.U. as reflected above    \_\_\_\_ Other

**I. AUTHENTICATION**Field Examiner's Name DAVE CARLSON Date 5/16/2002Reviewer [Signature] Date 5-20-2002MICROFILMED  
SEAL  
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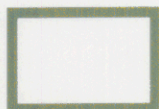
# IDAHO DEPARTMENT OF WATER RESOURCES

29-07963

T09S, R36E SEC. 10



**POINT OF DIVERSION**



**PLACE OF USE**

**ACRES IRRIGATED- 10**

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**GIS: PLACE OF USE  
POINT OF DIVERSION  
1987/1988 NAPP PHOTOS  
DAVE CARLSON**



29-7963

DC 5/15/2002

Spring AREA from rock ridge

Maesh Creek in the background

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DC 5/15/2002  
29-7963 Spring AREA  
culvert pod in circled AREA

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29-7963 pod

DC 5/15/2002

24" culvert/board is used to  
backup water into 2 ditches.

One ditch goes to the south  
the other goes to the north

Marsh Creek behind the culvert.

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DC 5/15/2002

29-7963 pod  
culvert and the ditch to the north

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