

Claim No. 21-75316

Document Checklist

☒ Copy License/Decree

☐ Copy Transfer

☒ Copy Licensing Field Exam

☐ Check if Ownership/Address Change is Required

☐ Generate, mail and file "Evidence of Priority" letter

☒ Generate Arcview Map

State of Idaho  
Department of Water Resources

DEC 24 1992

**WATER RIGHT LICENSE**

WATER RIGHT NO. 35-07310A

Department of Water Resources  
Eastern District Office

Priority: July 19, 1973

Maximum Diversion Rate: 2.03 CFS  
Maximum Diversion Volume: 528.0 AF

This is to certify, that KEITH WILCOX & SONS  
5499 W 1000 S

REXBURG ID 834400000

has complied with the terms and conditions  
of the permit, issued pursuant to Application for Permit dated July 19, 1973; and  
has submitted Proof of Beneficial Use on August 21, 1975. An examination indicates  
that the works have a diversion capacity of 5.860 cfs of water from a GROUNDWATER  
source, and a water right has been established as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|--------------------------|----------------------|
| IRRIGATION            | 04/01 to 10/31       | 2.03 CFS                 | 528.0 AF             |

LOCATION OF POINT(S) OF DIVERSION:

SENW , Sec. 22, Township 01S, Range 33E  
BINGHAM County

PLACE OF USE: IRRIGATION

| <u>TWN</u> | <u>RGE</u> | <u>SEC</u> | <u>ACRES</u> | <u>ACRES</u> | <u>ACRES</u> | <u>TOTAL</u> |
|------------|------------|------------|--------------|--------------|--------------|--------------|
| 01S        | 33E        | 22         | SWNW 32      | SENW 28      | NESW 38      | 132          |
|            |            |            | NWSW 34      |              |              |              |

Total number of acres irrigated: 132

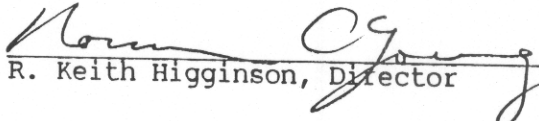
CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right limited to the amount that can actually be beneficially use used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. A measuring device of a type approved by this Department shall be maintained as a part of the diverting works.
6. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for the lands above.

## WATER RIGHT LICENSE

WATER RIGHT NO. 35-07310A

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.  
Witness the seal and signature of the Director, affixed at Boise, this 15<sup>TH</sup>  
day of DECEMBER, 1992.

  
R. Keith Higginson, Director

**AMENDMENT SIGNED 12-15-1992  
RESULTED IN RENUMBERING**

**FOR PREVIOUS DOCUMENTATION  
PLEASE SEE 35-07310**

**RECEIVED**

**JAN 21 1993**

**WATER RIGHT LICENSE**  
WATER RIGHT NO. 21-07536

Priority: July 19, 1973

Maximum Diversion Rate: 1.97 CFS  
Maximum Diversion Volume: 448.0 AF

This is to certify, that MELVIN HARRIS INC

PO BOX 158

TETON CITY ID 834510000

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated July 19, 1973; and has submitted Proof of Beneficial Use on August 21, 1975. An examination indicates that the works have a diversion capacity of 5.860 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

ANNUAL VOLUME

IRRIGATION

04/15 to 10/15

1.97 CFS

448.0 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSE , Sec. 30, Township 08N, Range 40E  
FREMONT County

PLACE OF USE: IRRIGATION

TWN RGE SEC

ACRES

ACRES

ACRES

TOTAL

08N 40E 30

SWNE 7  
SESW 6  
SWSE 24

SENE 7  
NESE 26  
SESE 26

NESW 6  
NWSE 26

128

Total number of acres irrigated:

128

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right limited to the amount that can actually be beneficially use used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. A measuring device of a type approved by this Department shall be maintained as a part of the diverting works.
6. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 afa per acre for the lands above.

RECEIVED

JAN 21 1993

# WATER RIGHT LICENSE

WATER RIGHT NO. 21-07536

CONDITIONS/REMARKS:

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.  
Witness the seal and signature of the Director, affixed at Boise, this 15<sup>TH</sup>  
day of DECEMBER, 1992.

  
R. Keith Higginson, Director

RECORDED

JAN 21 1993

Show 40-acre subdivisions,

ships, ranges and ditches.

Scale: 2 inches equal 1 mile.

Signed at Idaho Falls, this 5 day of April, 1990

(Signature

FOR DEPARTMENT USE ONLY

Fee = \$20.00 *OK*

Received by HWT Date 4-5-90

Date EB12855  
10-4-11-90

Published in

Publication dates 10-4-11-90

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

I, R KEITH HIGGINSON, Director of the Department of Water Resources hereby

APPROVE THE ABOVE REFERENCED APPLICATION FOR AMENDMENT PROVIDED THE

CONDITIONS SET FORTH IN PERMIT NO 35-07310 ARE MET.

Witness my hand this 15<sup>TH</sup> day of DECEMBER, 1992

ACTING FOR Director

Re-write of original exam  
to reflect intent of assignments

RECEIVED  
NOV 11 1991

Form 210  
6/88

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

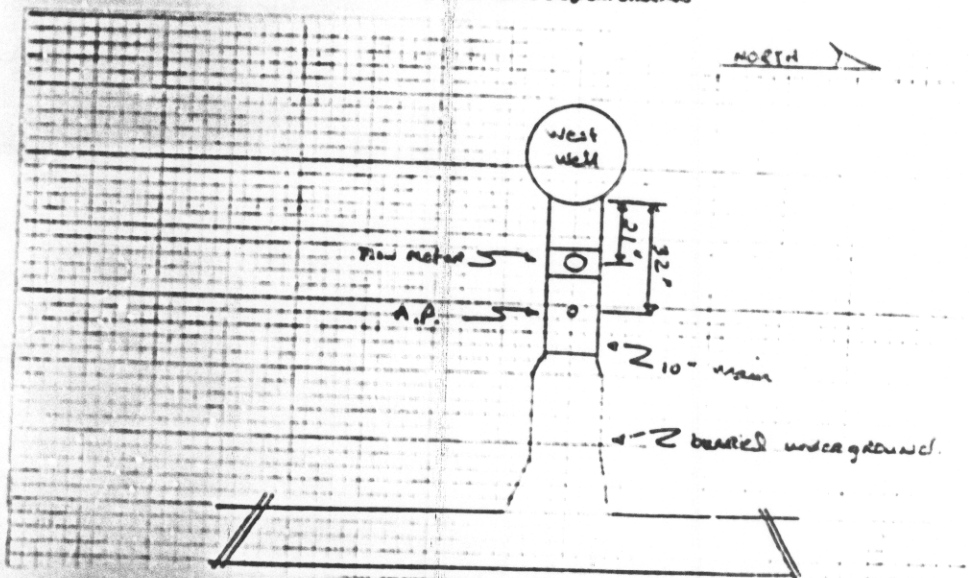
1. Owner: (Deluxe Filling) Assigned to Melvin Harris, Inc. Permit No 35-07308  
Current Address: Box 158 Teton City, ID 83451 Phone No 458-4950  
2. Accompanied by: \_\_\_\_\_ EXAM DATE 7-2-88  
Address: \_\_\_\_\_ Phone No \_\_\_\_\_  
Relationship to Permit Holder: \_\_\_\_\_  
3. Source: Groundwater tributary to \_\_\_\_\_

B. OVERLAP REVIEW

1. Other water rights with same place of use: \_\_\_\_\_ ☐ Copies Attached  
2. Other water rights with same point of diversion: \_\_\_\_\_ ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate well size/ditch size/pipe I.D. as applicable. ☐ Alternative diagram attached



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

2. ☐ Copy of U.S./S. 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 or more).  
☐ Photo of Diversion and System Attached  
(required for all but single household domestic groundwater, and stockwater).

**System Description (continued)**

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

See  
Original  
Exam

|  |
|--|
|  |
|  |
|  |
|  |
|  |
|  |
|  |

☐ See Remarks on page 4 for continuation

4.

See  
Original  
Exam

| 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

5. Point(s) of Diversion:

| Ident. No. | Gov't. Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County | Method of Determination / Remarks |
|------------|------------|-----|-----|-----|------|------|------|--------|-----------------------------------|
|            |            |     | SE  | N   | 22   | 15   | 33E  | DeKalb | Map & Aerial Photo                |
|            |            |     |     |     |      |      |      |        |                                   |
|            |            |     |     |     |      |      |      |        |                                   |
|            |            |     |     |     |      |      |      |        |                                   |

6. Place(s) of Use:

Indicate Method of Determination

Revised  
as per 1982  
aerial photo

| Twp. | Rge. | Sec. | NE 1/4 |     |     |     | NW 1/4 |     |     |     | SW 1/4 |     |     |     | SE 1/4 |     |     |     | Totals |
|------|------|------|--------|-----|-----|-----|--------|-----|-----|-----|--------|-----|-----|-----|--------|-----|-----|-----|--------|
|      |      |      | 80%    | 80% | 80% | 80% | 80%    | 80% | 80% | 80% | 80%    | 80% | 80% | 80% | 80%    | 80% | 80% | 80% |        |
| 15   | 33E  | 22   |        |     |     |     | 24     | 35  | 32  | 29  | 18     | 24  | 35  | 31  |        |     |     |     | 217    |
|      |      | 27   |        |     |     |     | 31     | 32  |     |     |        |     |     |     |        |     |     |     | 63     |
| 15   | 33E  | 22   |        |     |     |     |        |     |     | 24  | 28     | 32  | 31  |     |        |     |     |     | 115    |
|      |      | 27   |        |     |     |     | 3      |     |     |     |        |     |     |     |        |     |     |     | 3      |
| 15   | 33E  | 27   |        |     |     |     | 28     | 32  |     |     |        |     |     |     |        |     |     |     | 60     |

35-077784

35-073104

Do not use this space

Do not use this space

#### D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

See  
original  
exam

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

2. Measurements:

See  
original  
exam

#### E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

#### F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: \_\_\_\_\_ psi  $\times 2.31 =$  \_\_\_\_\_ ft (1); Dynamic pumping level \_\_\_\_\_ ft (2)  
Total Head: (1) + (2) = \_\_\_\_\_ (3) Flow rate \_\_\_\_\_ cfs (4)

Water HP: (3)  $\times$  (4)  $\div 8.8 =$  \_\_\_\_\_ (5)  
Meter Input KW: 3.6  $\times$  \_\_\_\_\_ KH  $\times$  \_\_\_\_\_ CTR or \_\_\_\_\_ MULT  $\times$  \_\_\_\_\_ PTR  $\times$  \_\_\_\_\_ N / \_\_\_\_\_ 1 = \_\_\_\_\_ (6)  
Meter Input HP: (6)  $\times 1.34 =$  \_\_\_\_\_ (7)  
Panel Input KW: \_\_\_\_\_ Ave PF  $\times$  \_\_\_\_\_ Ave Volts  $\times$  \_\_\_\_\_ Ave Amps 001732 = \_\_\_\_\_ (8)  
Panel Input HP: (8)  $\times 1.34 =$  \_\_\_\_\_ (7) Efficiency: (5) / (7)  $\times 100 =$  \_\_\_\_\_ %

#### G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_a = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (60 \text{ ac}) (3.5) = 210.0 \text{ af} *$   
 $V_a = (135 \text{ ac}) (3.5) = 472.5 \text{ af} *$   
 $V_{da} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \frac{2.4 \times 2.4 \times 1.9835}{1.00 \times 2.4 \times 1.9835} = 10.57$   
 $V = \text{Smaller of } V_a \text{ and } V_{da} = 10.57$

2. Volume Calculations for Other Uses:

# H. REMARKS AND OVERLAP REVIEW ANALYSIS

This exam is for portions of the 35-07775 + 35-07310 that were assigned to Melvin Harris Inc. CFS recommendations were based on 5.96 cfs measured flow and an adjusted average of 323. This average is the 1982 ASGS acre that most reflects irrigated acre at time of proof of Beneficial Use. Original exam had 377 acres which included some outcroppings.

The 195 acres total found for 35-077754 (135 acres) + 35-073104 (60 acres) will be amended to Section 30 T2N R40E. See Attached amendment for 35-073104 and revised amendment for 35-077754. Most of the acres reflect 0.018 cfs/acre except in cases where the amt of the amendment was less.

## I. RECOMMENDATIONS

### 1. Recommended Amounts

| Beneficial Use       | Period of Use<br>From | To   | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afs) |
|----------------------|-----------------------|------|------------------------------|--------------------------|
| 35-077754 Irrigation | 4-1                   | 11-1 | 2.45 cfs                     | 472.5                    |
| 35-073104 Irrigation | 4-1                   | 11-1 | 1.00 cfs                     | 20                       |
| Totals:              |                       |      | 3.45 cfs                     | 492.5                    |

### 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

## J. AUTHENTICATION

Field Examiner's Name Harold G. Jones (Re write)  
 Signature H. G. Jones  
 Certification Date \_\_\_\_\_  
 Field Report Preparation Date \_\_\_\_\_

CONSULTANT SEAL

- K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.