

BOWL - CAST IRON  
VIT. ENAMELED

CURVE SHEET NO.

EC-1373

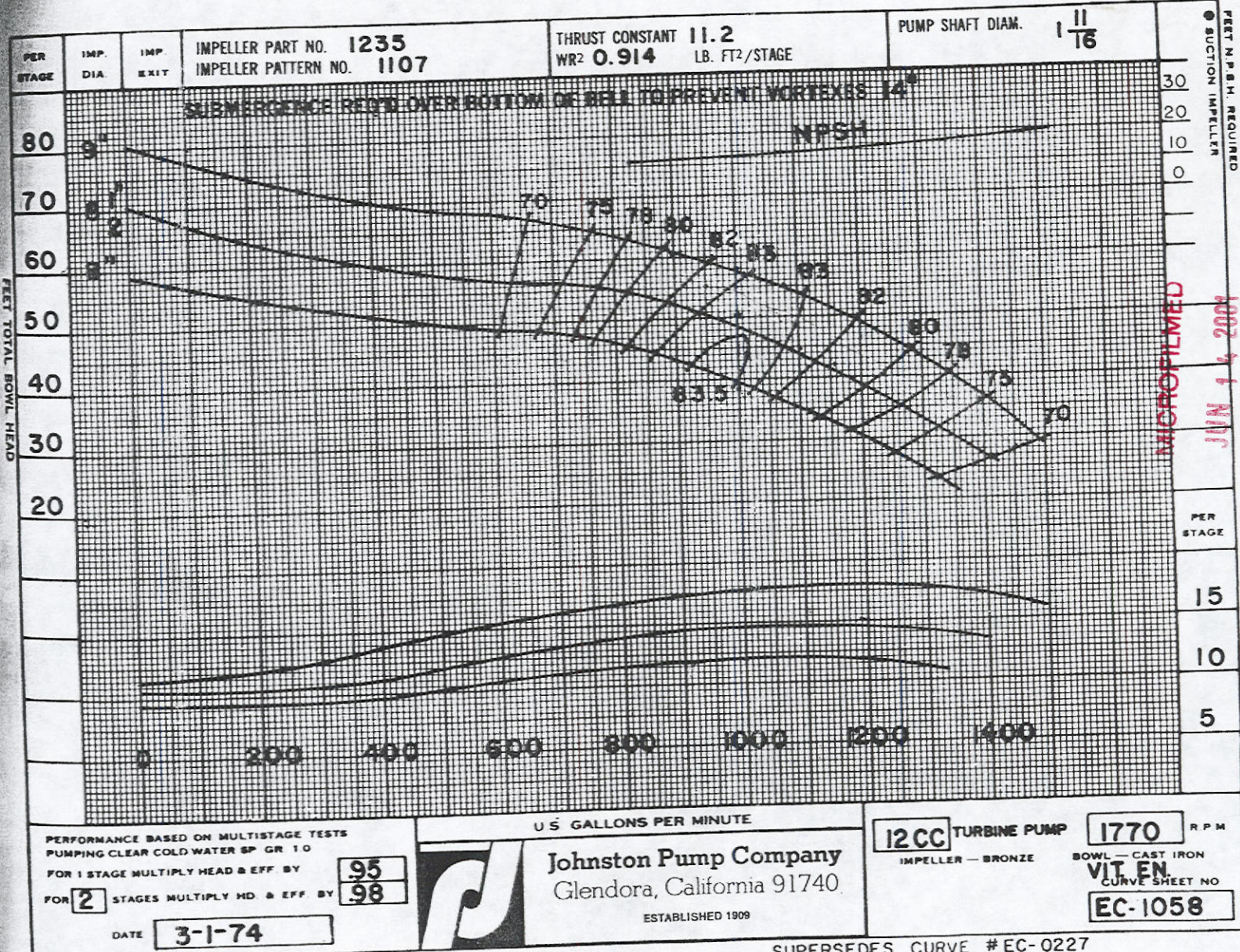
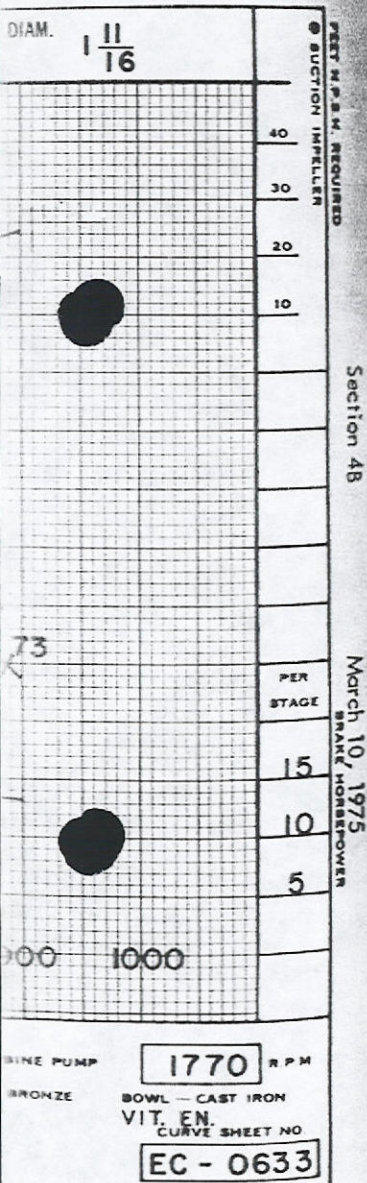
FOR 2 STAGES MULTIPLY HD & EFF BY 0.98  
DATE 11-5-70

Glendora, California 91740

ESTABLISHED 1909

CURVE SHEET NO.

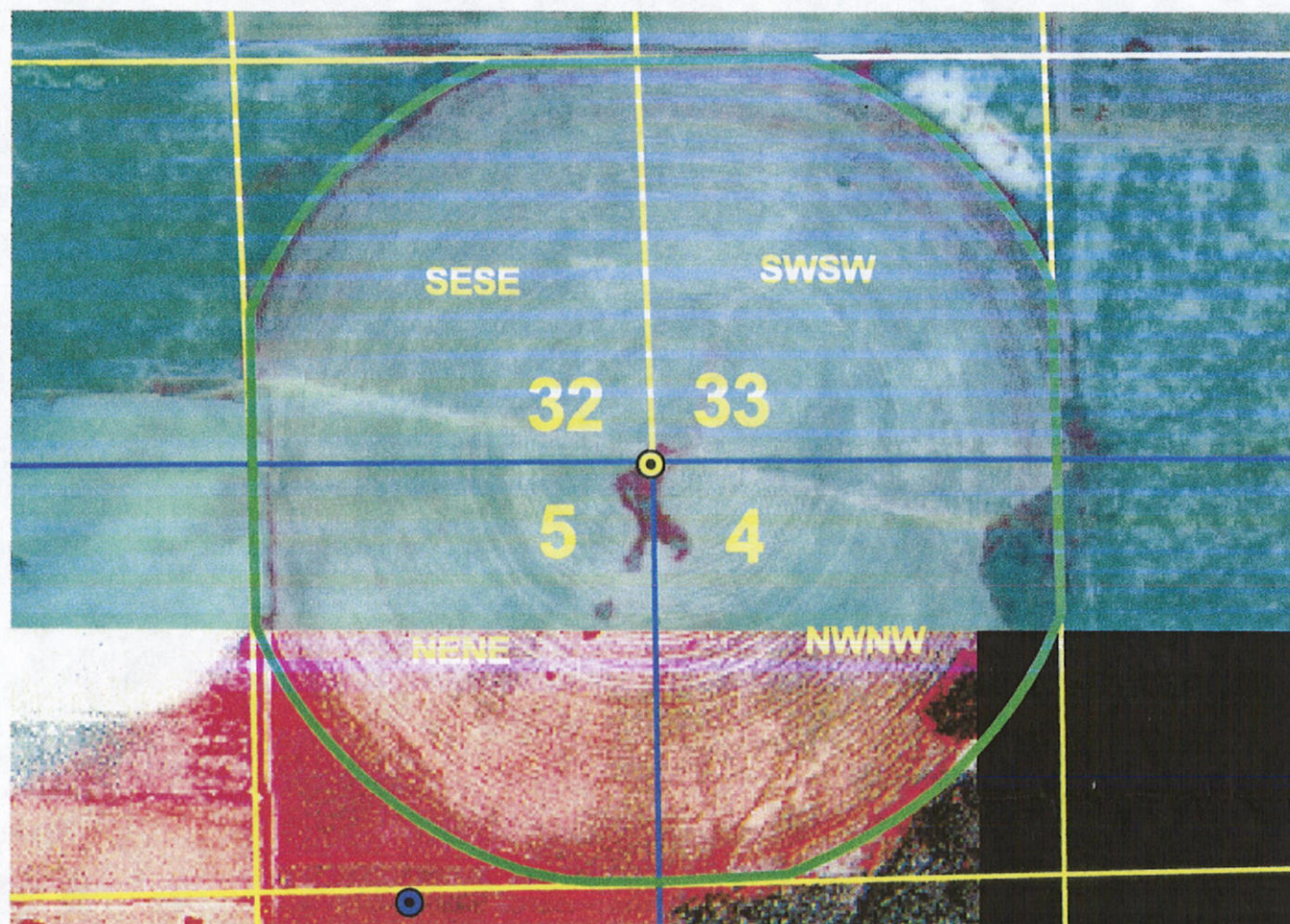
EC-0192



# IDAHO DEPARTMENT OF WATER RESOURCES

## 31-07176

T06N, R36E, SEC. 4, 5  
T07N, R36E, SEC. 32, 33



1320

0

1320 Feet

PLACE OF USE

ACRES IRRIGATED- 133

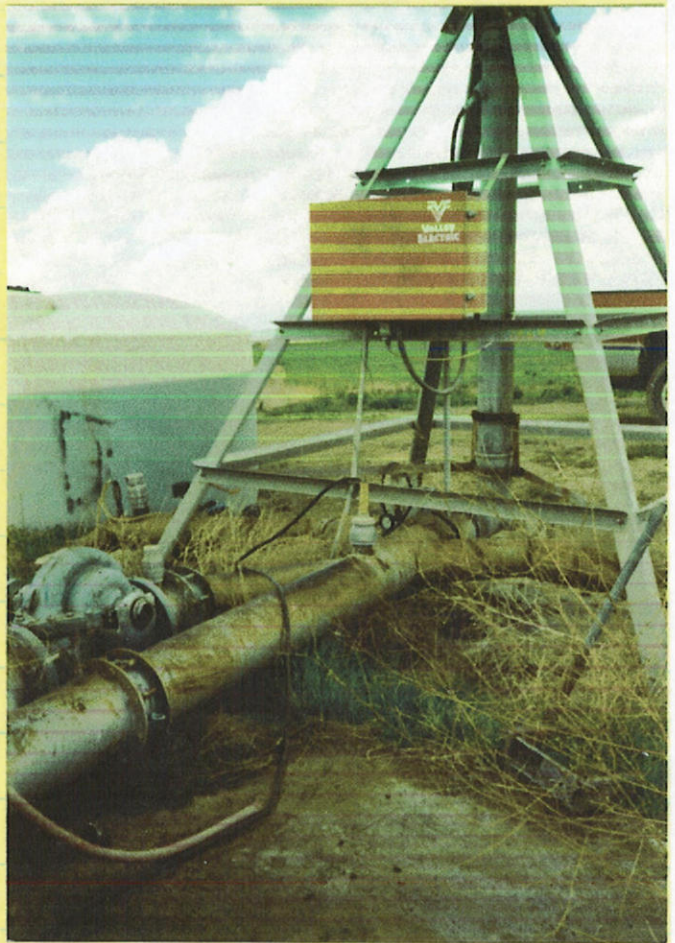
GIS: PLACE OF USE  
POINT OF DIVERSION  
1987/1988 NAPP PHOTOS  
PREPARED BY DAVE CARLSON



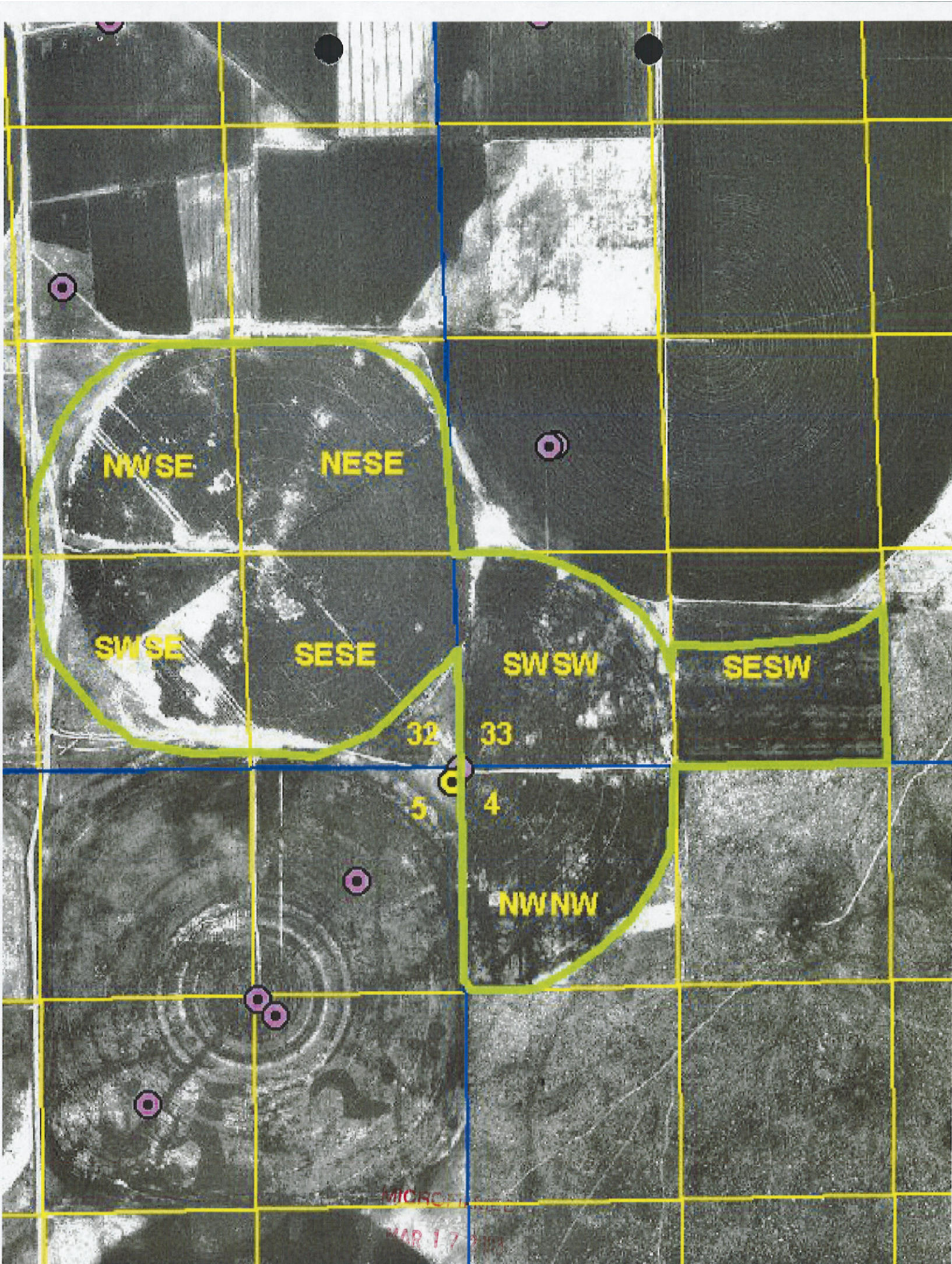
POINT OF DIVERSION

MICROFILMED  
JUN 14 2001

A0001869

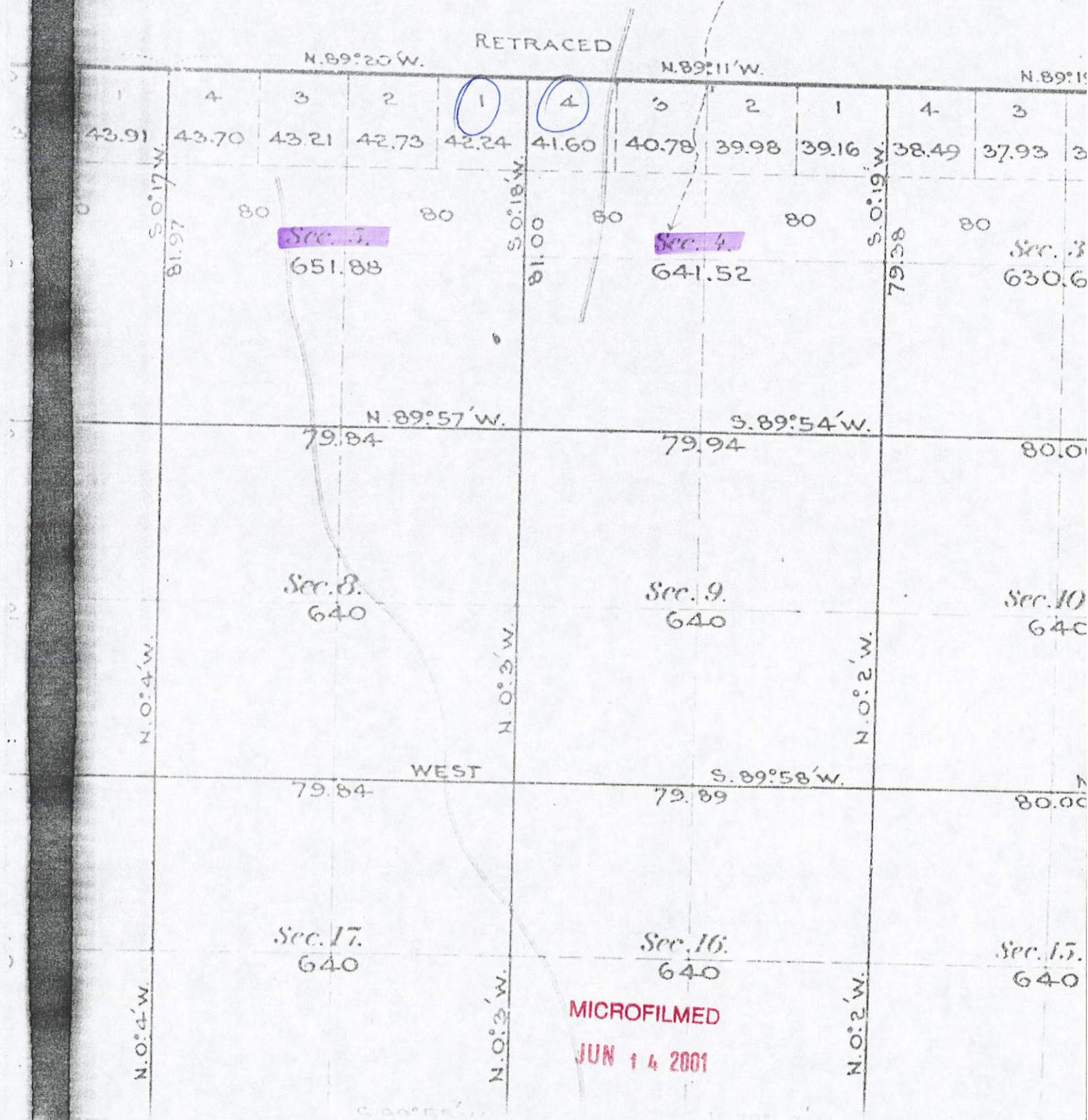


MAR 17 2003



# T<sup>6</sup> North, Range N<sup>36</sup> East

F c E d D c



**APPLICATION FOR PERMIT  
STATE OFFICE ANALYSIS**

Reviewed by Sharla Curtis on 6/1/01

No. 31-11697 Name: Ashcraft Corp. Officers N/A Ad ok ✓ Govt Lots \_\_\_\_\_

AREA OF CONCERN: No/Yes ESPA Moratorium \_\_\_\_\_ GWMA TRUST/NON-TRUST

**GROUNDWATER:** (✓Flow Chart)

**DRILLING PERMIT**

All wells - 046  
Basin 34 - 084 (if necessary)  
WMD - North/East/West  
≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres - 067  
-WMD  
Supp irr (irr = only use) - 065-104  
Supp irr (+ other uses) - 100-105  
≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres - 01M

**LOCATION:**

Boise Front LoGeo - 058 (<85 GW)  
Mitigation - 121

Trust - 051(consumptive uses)  
Non-Trust - 048-049 (consumptive uses or non-cons. > 1.0 cfs)

**USES:**

~~STORAGE~~ - 18A-01H-01P-18B-NA  
IRR ≤ 5 ac - R66/R67/R68/R69 (0.03 cfs/ac)  
> 5 ac - R62/R63/R64/R65 (0.02 cfs/ac)  
STOCKWATER - R37 (BLM/FS)  
MINING - 054-106  
FISH PROP - 029 (70's only)-007-042-106  
HEAT/COOL - R07 (injection well)  
FIRE PROT - 077  
COMMERCIAL/  
INDUSTRIAL - 106-R07  
DAIRY - 082-WD8

**BENEFICIAL USE DUE:** 9 / 01 2001

**MISC CONDITIONS/REMARKS:**

Protested - 020-W19  
Development Period  
> 1 yr - 26A  
Ownership - 004  
Non-consumptive - 027  
Water Quality - 106-R07

**SURFACE WATER:** (✓Flow Chart)

F&G contacted - Yes/No Response \_\_\_\_\_  
In/Above MSF - WB9  
PLANNING REVIEW/RESPONSE \_\_\_\_\_  
WD - R04 (WD# \_\_\_\_\_)  
≤ 0.20 cfs/others - 01H(P01), 01P or No MD  
> 0.20 cfs - 01J

SPRINGS/SINK, INACTIVE WD or WD  
≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres - 01M or No MD

**RIVER BASINS:** (SW special considerations)

Snake R (01) - W22, N/A  
(02,03) - 007 (w/ remark WB9 if above Weiser)  
Payette R (65) - W22, 047 (Payette Lake)  
Salmon R (70's) - 029 (fish screens)  
Weiser R (67) - 086-087

**USES:**

POWER - 17H or 17K (+uses)-17G (not under FERC)  
or 17M (FERC regulated >25 cfs or 500hp)  
08A-025-027-01N-106-W13(if dewatering stream)  
MUNICIPAL  
Restricted area - 022,075  
Irr., GW supp to SW - 102  
DOMESTIC  
Surface water - WB5 (Big Wood or Boise above Star Bridge)  
27A (Payette R)  
>1 in restricted area - 070-071-075(no parks/common areas, etc)  
Irr use listed separate  
or none allowed - WB5  
Moratorium approvable - W03 (2500 gpd - meets domestic definition  
i.e. D/convenience store)

Multiple pd's per ¼¼ - W32  
Subd lot desc (pd) - W59  
Subd lot desc (pu) - W60  
Use definitions - W02 example - S/50 range  
Pre-1987 development - 068-074 (allow 120 days for proof due)  
Single p/d intended - 076

**IRRIGATION SEASON** 4/1 - 10/31 (Per updated map)

**IRR VOLUME/ACRE** 3.5

**OTHER CONDITIONS/REMARKS** \_\_\_\_\_

**COMMENTS** Other nt = gw also, this filing just picks up  
addl capacity

State of Idaho  
Department of Water Resources  
**Water Right License**

WATER RIGHT NO. 31-11697

Priority: March 29, 2001

Maximum Diversion Rate: 0.88 CFS

It is hereby certified that HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

And

BOYD B ASHCRAFT SHELTER TRUST  
LINDEN FIELDING TTE  
1195 E 1100 N  
SHELLEY ID 83274

have complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 29, 2001; and have submitted Proof of Beneficial Use on July 13, 2001. An examination indicates that the works have a diversion capacity of 3.7 cfs of water from:

**SOURCE**

GROUND WATER

and a water right has been established as follows:

**BENEFICIAL USE**

IRRIGATION

**PERIOD OF USE**

04/01 to 10/31

**DIVERSION RATE**

0.88 CFS

**LOCATION OF POINT OF DIVERSION:**

GROUND WATER L1 (NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ ) Sec. 5, Twp 06N, Rge 36E, B.M., JEFFERSON County

**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   |        |
| 06N 36E 4   |    |    |    |    |    | 34.0 |    |    |    |    |      |      |      |      |      |      | 34.0   |
|             |    |    |    |    |    | L 4  |    |    |    |    |      |      |      |      |      |      |        |
| 07N 36E 32  |    |    |    |    |    |      |    |    |    |    |      |      | 35.0 | 30.0 | 28.0 | 31.0 | 124.0  |
| 07N 36E 33  |    |    |    |    |    |      |    |    |    |    | 35.0 | 24.0 |      |      |      |      | 59.0   |

Total Acres: 217

**CONDITIONS OF APPROVAL**

1. This right is limited to the irrigation of 133 acres within the place of use described above in a single irrigation season.
2. Rights 31-07176 and 31-11697 when combined shall not exceed the irrigation of 133 acres.

MICROFILMED

MAR 17 2003

State of Idaho  
Department of Water Resources  
**Water Right License**

WATER RIGHT NO. 31-11697

3. Rights 31-07176, 31-11609, 31-11611 and 31-11724 are also diverted through the point of diversion described above.
4. Rights 31-07176, 31-11609, 31-11611, 31-11724 and 31-11697 when combined shall not exceed a total annual maximum diversion volume of 760.0 af at the field headgate, and the irrigation of 217 acres.
5. This right when combined with all other rights shall provide no more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
6. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 7<sup>th</sup> day of March, 2003.

  
for KARL J. DREHER  
Director

MICROFILMED

MAR 17 2003

RECEIVED

MAR - 7 2003

State of Idaho  
 Department of Water Resources  
**APPLICATION FOR AMENDMENT**

(For Licensing Purposes)  
**WATER RIGHT NO. 31-11697**

Date of Priority: March 29, 2001

Maximum Diversion Rate: 0.88 CFS

Comes now HELEN F ASHCRAFT  
 2983 E 2000 N  
 SUGAR CITY ID 83448

And

BOYD B ASHCRAFT SHELTER TRUST  
 LINDEN FIELDING TTE  
 1195 E 1100 N

SHELLEY ID 83274 and represents to the Director of the Idaho Department of Water Resources that he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 31-11697, and requests that the permit be changed as follows:

Source: GROUND WATER

**BENEFICIAL USE**

IRRIGATION

**PERIOD OF USE**

04/01 to 10/31

**RATE OF DIVERSION**

0.88 CFS

**LOCATION OF POINT OF DIVERSION:**GROUND WATER L1 (NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ ) Sec. 5, Twp 06N, Rge 36E, B.M., JEFFERSON County**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   |        |
| 06N 36E 4   |    |    |    |    |    | 34.0 |    |    |    |    |      |      |      |      |      |      | 34.0   |
|             |    |    |    |    |    | L 4  |    |    |    |    |      |      |      |      |      |      |        |
| 07N 36E 32  |    |    |    |    |    |      |    |    |    |    |      |      | 35.0 | 30.0 | 28.0 | 31.0 | 124.0  |
| 07N 36E 33  |    |    |    |    |    |      |    |    |    |    | 35.0 | 24.0 |      |      |      |      | 59.0   |

Total Acres: 217

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk. Signed this 28 day of Feb, 2003.

*Helen F. Ashcraft*  
 (Signature)

MICROFILMED

MAR 17 2003

State of Idaho  
Department of Water Resources  
**APPLICATION FOR AMENDMENT**  
(For Licensing Purposes)  
WATER RIGHT NO. 31-11697

RECEIVED

MAR - 7 2003

Department of Water Resources

\*\*\*\*\*  
FOR DEPARTMENT USE ONLY  
Preliminary check by DC Fee = 50 Received by DC # E028528 Date 3/3/2003

**ACTION OF THE DEPARTMENT OF WATER RESOURCES**

I, Karl J. Dreher, of the Department of Water Resources hereby approve the  
above Application for Amendment for Permit No. 31-11697 with the following:

**CONDITIONS OF APPROVAL**

1. This right is limited to the irrigation of 133 acres within the place of use described above in a single irrigation season.
2. Rights 31-07176 and 31-11697 when combined shall not exceed the irrigation of 133 acres.
3. Rights 31-07176, 31-11609, 31-11611 and 31-11724 are also diverted through the point of diversion described above.
4. Rights 31-07176, 31-11609, 31-11611, 31-11724 and 31-11697 when combined shall not exceed a total annual maximum diversion volume of 760.0 af at the field headgate, and the irrigation of 217 acres.
5. This right when combined with all other rights shall provide no more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
6. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.

Witness my hand this 7<sup>th</sup> day of March, 2003.

  
for **KARL J. DREHER**  
Director

MICROFILMED

MAR 17 2003

November 26, 1999

JAN 28 2002

For Office Use Only  
\$25 filing fee \$25 -  
Receipt # E027390  
Date 1-17-02

STATE OF IDAHO RECEIVED  
DEPARTMENT OF WATER RESOURCES

ASSIGNMENT OF PERMIT  
To change the ownership of a permit

Department of Water Resources  
Eastern Region

(paid)

I, Helen Ashcraft, hereby assign to Helen Ashcraft @ 2983 E. 2000  
of, N. Sugar City, ID 83448 and Boyd B. Ashcraft Shelter Trust, Linden  
(Full Address) (Phone)

Fielding, Trustee, 1195 E. 1100 N., Shelley, ID 83274

Mrs. Ashcraft  
356-8533

All my right, title, and interest in and to Permit No. 31-11697 to  
appropriate the public waters of the State of Idaho.

Trustee  
357-7751

OR (for partial assignments)

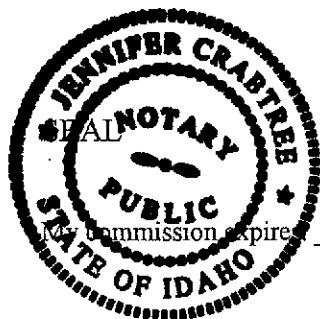
The following described portion of my right, title, and interest in and to for  
Permit No. \_\_\_\_\_ to appropriate the public waters of the State of Idaho.  
(Describe portion of the application for permit assigned, listing the number of acres in each 40 acre  
subdivision, point of diversion location, and amount of the water in cubic feet per second.)

Made this 17 day of Jan, 2002.

+ Helen B. Ashcraft  
Permit Holder(s)

State of Idaho )  
County of Bonneville )ss

On this 17th day of January, 2002, personally appeared before me the signer(s) of the above  
instrument, who duly acknowledged to me that he (she) (they) executed the same.



Jennifer Crabtree  
Notary Public residing at

Idaho Falls, Id 83402

MICROFILMED  
FEB 04 2002

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

RECEIVED

JUL 05 2001

Department of Water Resources  
Eastern Region

RECEIVED

JUL 18 2001

PROOF OF BENEFICIAL USE

Department of Water Resources

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 31-11697 Telephone No. 208-356-3533
2. Name of Permit Holder(s): Helen J. Ashcraft
3. Mailing Address: 2983 E 2000 N  
City Sugar City State Id Zip 83448
4. Source of Water: Groundwater If **GROUNDWATER** (well), Date Drilled: mo. \_\_\_\_\_ 1 yr. 1976  
Well Driller: LaMar Barrus Drilling Permit Number: \_\_\_\_\_
5. Use(s) (as authorized by the water right permit):  
Domestic (No. of households): \_\_\_\_\_ Stockwater (No. and type of stock): \_\_\_\_\_  
Irrigation (No. of acres): 133 Other: \_\_\_\_\_
6. Total rate of diversion and/or volume for which proof is submitted: 0.88 cfs OR \_\_\_\_\_ acre-feet
7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)  
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)  
Measuring Device: Is a measuring device required? Yes \_\_\_\_\_ or No ✓  
Has the measuring device been installed? Yes \_\_\_\_\_ or No \_\_\_\_\_
8. Fee Enclosed: \$ 100.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)
9. Person to contact to accompany the Department representative during field examination of the water system.  
Name: Ryan Ashcraft Telephone Number: Home - 662-5523  
4100  
Address: P.O. Box 114 Hamer, ID 83425 cell - 390-5523
10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder: Helen J. Ashcraft Date: 3 July 01  
(include your title, if on behalf of company or organization)  
Pres. BHA Inc

MICROFILMED  
AUG 08 2001

State of Idaho  
Department of Water Resources  
**Permit to Appropriate Water**  
NO. 31-11697

Priority: 03/29/2001

Maximum Diversion Rate: 0.88 CFS

This is to certify, that HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

has applied for a permit to appropriate water from:

**Source:** GROUND WATER

and a permit is APPROVED for development of water as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> |
|-----------------------|----------------------|--------------------------|
| IRRIGATION            | 04/01 to 10/31       | 0.88 CFS                 |

**LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER L1 NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec. 5, Twp 06N, Rge 36E, B.M. JEFFERSON County

**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 |        |
| 06N | 36E | 4   |      |    |    |    |    |     | 34.0 |    |    |    |      |    |    |    |      |    | 34.0   |
|     |     |     |      |    |    |    |    | L 4 |      |    |    |    |      |    |    |    |      |    |        |
| 06N | 36E | 5   | 34.0 |    |    |    |    |     |      |    |    |    |      |    |    |    |      |    | 34.0   |
|     |     |     | L 1  |    |    |    |    |     |      |    |    |    |      |    |    |    |      |    |        |
| 07N | 36E | 32  |      |    |    |    |    |     |      |    |    |    |      |    |    |    | 28.0 |    | 28.0   |
| 07N | 36E | 33  |      |    |    |    |    |     |      |    |    |    | 37.0 |    |    |    |      |    | 37.0   |

Total Acres: 133

**CONDITIONS OF APPROVAL**

1. Proof of application of water to beneficial use shall be submitted on or before **September 1, 2001**.
2. Subject to all prior water rights.
3. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. The right holder shall measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code.
5. Any license issued by IDWR pursuant to the right or portion thereof for the use of trust water is subject to a term review of 20 years after the date of this approval to determine availability of water for the use and to re-evaluate the public interest at the end of the term.
6. This permit does not authorize the construction of any new well or the deepening or enlargement of any existing well.
7. This right does not authorize the irrigation of land not previously irrigated.
8. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code. Witness the signature of the Director, affixed at Boise, this 5<sup>th</sup> day of June, 2001.

**MICROFILMED**

JUN 14 2001

*[Signature]*  
for KARL J DREHER, Director

Ident. No. 31-11697  
68981

RECEIVED

MAY 29 2001

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**APPLICATION FOR PERMIT**

RECEIVED

MAR 28 2001

Department of Water Resources

To appropriate the public waters of the State of Idaho

Department of Water Resources  
Eastern Region

1. Name of Applicant Helen F. Ashcraft Phone 208-356-3533  
Mailing address 2983 E 2000 N Sugar City, Id 83448

2. Source of water supply Well which is a tributary of \_\_\_\_\_

3. Location of point of diversion is Township 6N Range 36E Sec. 5, in the NE  $\frac{1}{4}$ ,  
NE  $\frac{1}{4}$ , NE  $\frac{1}{4}$ , Govt. Lot 1, B.M., Jefferson County;  
additional points of diversion if any: \_\_\_\_\_

4. Water will be used for the following purposes:

Amount .88 cfs for Irrigation purposes from 4/01 to 11/01 (both dates inclusive)  
(cfs or acre-feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) 0.88 cfs and/or (b) \_\_\_\_\_  
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source See attached documentation  
from Gem State Irrigation, Now Golden West

b. Height of storage dam \_\_\_\_\_ feet; active reservoir capacity \_\_\_\_\_ acre-feet; total  
reservoir capacity \_\_\_\_\_ acre-feet

c. Proposed well diameter is 16" inches; proposed depth of well is 213' feet

d. Is ground water with a temperature of greater than 85°F being sought? NO

e. If well is already drilled, when? 1976; Drilling firm \_\_\_\_\_

Well was drilled for (well owner) Richard B & J. Blaine Cook; Drilling Permit No. \_\_\_\_\_

7. Time required for completion of works and application of water to proposed beneficial use is \_\_\_\_\_ years (minimum 1 year)

8. Description of proposed uses (if irrigation only, go to item 9):

- Hydropower; show total feet of head and proposed capacity in kW. \_\_\_\_\_
- Stockwatering; list number and kind of livestock. \_\_\_\_\_
- Municipal; show name of municipality. \_\_\_\_\_
- Domestic; show number of households. \_\_\_\_\_
- Other; describe fully. \_\_\_\_\_

MICROFILMED

JUN 14 2001

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

| TWP | RGE | SEC | NE $\frac{1}{4}$ |    |    |    | NW $\frac{1}{4}$ |                  |    |    | SW $\frac{1}{4}$ |    |                  |    | SE $\frac{1}{4}$ |    |    |                  | TOTALS |
|-----|-----|-----|------------------|----|----|----|------------------|------------------|----|----|------------------|----|------------------|----|------------------|----|----|------------------|--------|
|     |     |     | NE $\frac{1}{4}$ | NW | SW | SE | NE               | NW $\frac{1}{4}$ | SW | SE | NE               | NW | SW $\frac{1}{4}$ | SE | NE               | NW | SW | SE $\frac{1}{4}$ |        |
| 6N  | 36E | 4   |                  |    |    |    |                  | 34               |    |    |                  |    |                  |    |                  |    |    |                  | 34     |
|     |     | 5   | 34               |    |    |    |                  |                  |    |    |                  |    |                  |    |                  |    |    |                  | 34     |
| 7N  | 36E | 32  |                  |    |    |    |                  |                  |    |    |                  |    |                  |    |                  |    |    | 28               | 28     |
|     |     | 33  |                  |    |    |    |                  |                  |    |    |                  | 37 |                  |    |                  |    |    |                  | 37     |
|     |     |     |                  |    |    |    |                  |                  |    |    |                  |    |                  |    |                  |    |    |                  |        |
|     |     |     |                  |    |    |    |                  |                  |    |    |                  |    |                  |    |                  |    |    |                  |        |
|     |     |     |                  |    |    |    |                  |                  |    |    |                  |    |                  |    |                  |    |    |                  |        |
|     |     |     |                  |    |    |    |                  |                  |    |    |                  |    |                  |    |                  |    |    |                  |        |

Total number of acres to be irrigated 133

10. Describe any other water rights used for the same purposes as described above. 31-7176

11. a. Who owns the property at the point of diversion? Helen J. Ashcraft

b. Who owns the land to be irrigated or place of use? Helen J. Ashcraft

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: \_\_\_\_\_

12. Remarks: This application is for pre-1987 development of additional diversion rate, as documented by attached purchase records and pump curve, from Lem State Irrigation, now Golden West.

Note that the current system also irrigates lands under water rights 31-2353, 31-11609 and 31-11611. As soon as Adjudication Director Report is issued, a transfer will be filed to correctly identify the current well, systems and water rights.

13. MAP OF PROPOSED PROJECT REQUIRED - Attach an 8 1/2"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Helen J. Ashcraft

Signature of Applicant (and title, if applicable)

Received by HWT Date 3-29-01 Time \_\_\_\_\_ Preliminary check by \_\_\_\_\_  
 Fee \$ 250 Received by HWT # E026590 Date 3-29-01  
 Publication prepared by SC Date 4/18 & 4/25/01 Published in Jefferson Star  
 Publication approved SC Date 3/1/01

MICROFILMED

JUN 14 2001

# GEM STATE IRRIGATION, INC.

BOX 351 • SOUTH YELLOWSTONE HWY  
PHONE 208-356-9318 • TWX 910-970-5918  
REXBURG, IDAHO 83440

Ashcraft #1-

Serial No.:

Date: 5.2.76

Written By:

1 CFS = 450 Gallons per minute

Name: Blaine Cook

Location of Pump: Hamers

Make of Pump: John

Serial No. of Pump: J-004

Well Test: Yes

Well Depth: 213

Static Water Level: 113'

Pumping Level:

Casing Size: 16"

Test Results:

| Driver: | HP:     | Frame No.: | Make: | Model:      | Serial No.: |
|---------|---------|------------|-------|-------------|-------------|
|         | 100     | B404TP16   | G.E.  | 5K6267X H1A | KKJ1009146  |
| R.P.M.: | Volts:  | Ratio:     |       |             |             |
| 1770    | 230/460 |            |       |             |             |

| Discharge Head:           | Base Dia.:         | Register Dia.: | Disch. Size: | Tube Nipple Size & Lgth. |
|---------------------------|--------------------|----------------|--------------|--------------------------|
| John                      | 16 1/2             | 13 1/2         | 8            | 2 1/2 59 3/4             |
| Head Shaft Size & Length: | K.W. Size & Length | Oil or Water:  |              |                          |
| 1 1/2 x 91 145'           | 3/8 x 6            | 0              |              |                          |

| Column: Total Length: | Col. Size & Length                                                       | Straight or Taper |
|-----------------------|--------------------------------------------------------------------------|-------------------|
| 145'                  | 8x20                                                                     |                   |
| Tube Size & Length:   | Tube R <input type="checkbox"/> or L <input checked="" type="checkbox"/> |                   |
| 2 1/2 x 20            |                                                                          |                   |

| Make Bows:    | No. Stages:    | Size O.D.: | Impeller Dia.: | Original |
|---------------|----------------|------------|----------------|----------|
| John          | 6              | 12CC       | Full           | 1250 GPM |
| Tube Stickup: | Shaft Stickup: | Line Shaft |                |          |
| 10            | 20             | 1 1/2"     |                |          |

| Suction:       | Size: | Length: | No. Threads per Inch: |
|----------------|-------|---------|-----------------------|
| 2 1/2          |       |         |                       |
| Strainer:      | Size: | Type:   |                       |
| Yes            | 8     | Wire    |                       |
| Miscellaneous: |       |         |                       |

\* in 1988 - changed pump to 5 stage 12CC For low Pressure Pivot (Basically just dropped off 1 stage.)

In 1990 - pulled pump & put in a 14 RL 3 stage Pump & lowered Column By 40' & a 150 HP motor  
Pump now does 2000 GPM at 219' TDH  
& Has a 40 HP Booster To do 2000 GPM at 41' TDH

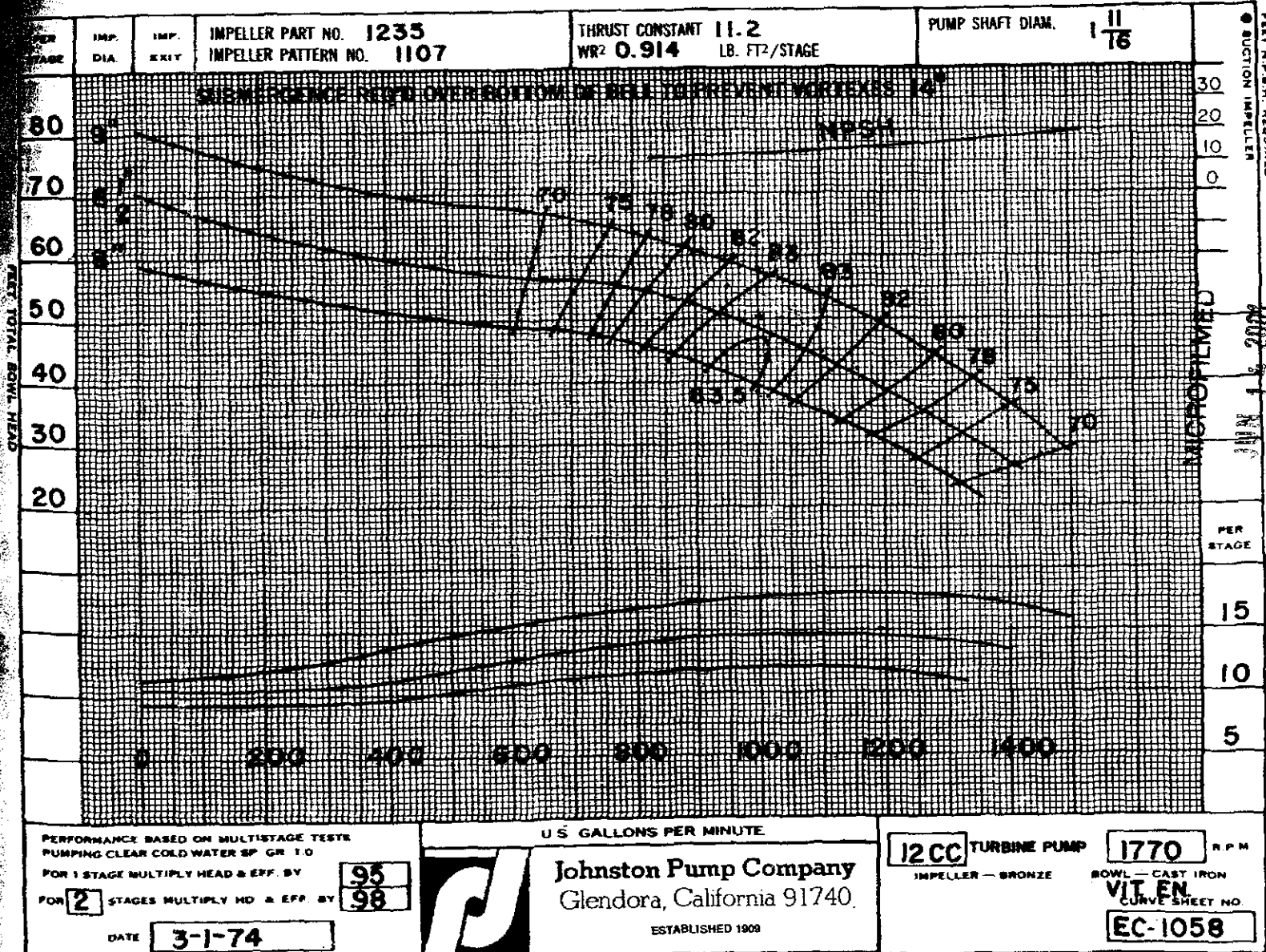
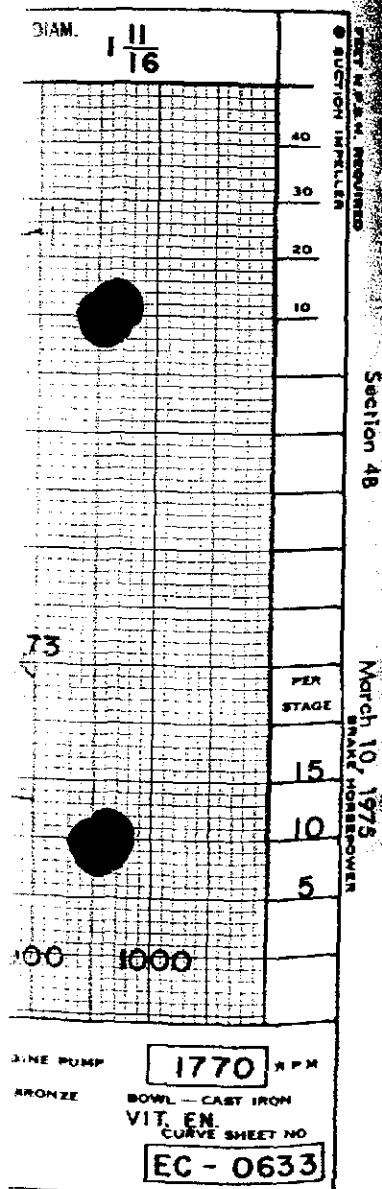
MICROFILMED  
JUN 14 2001

BOWL - CAST IRON  
VIT. ENAMELED  
CURVE SHEET NO.  
**EC-1373**

FOR **2** STAGES MULTIPLY HD & EFF. BY **0.98**  
DATE **11-5-70**

Glendora, California 91740  
ESTABLISHED 1909

CURVE SHEET NO.  
**EC-0192**

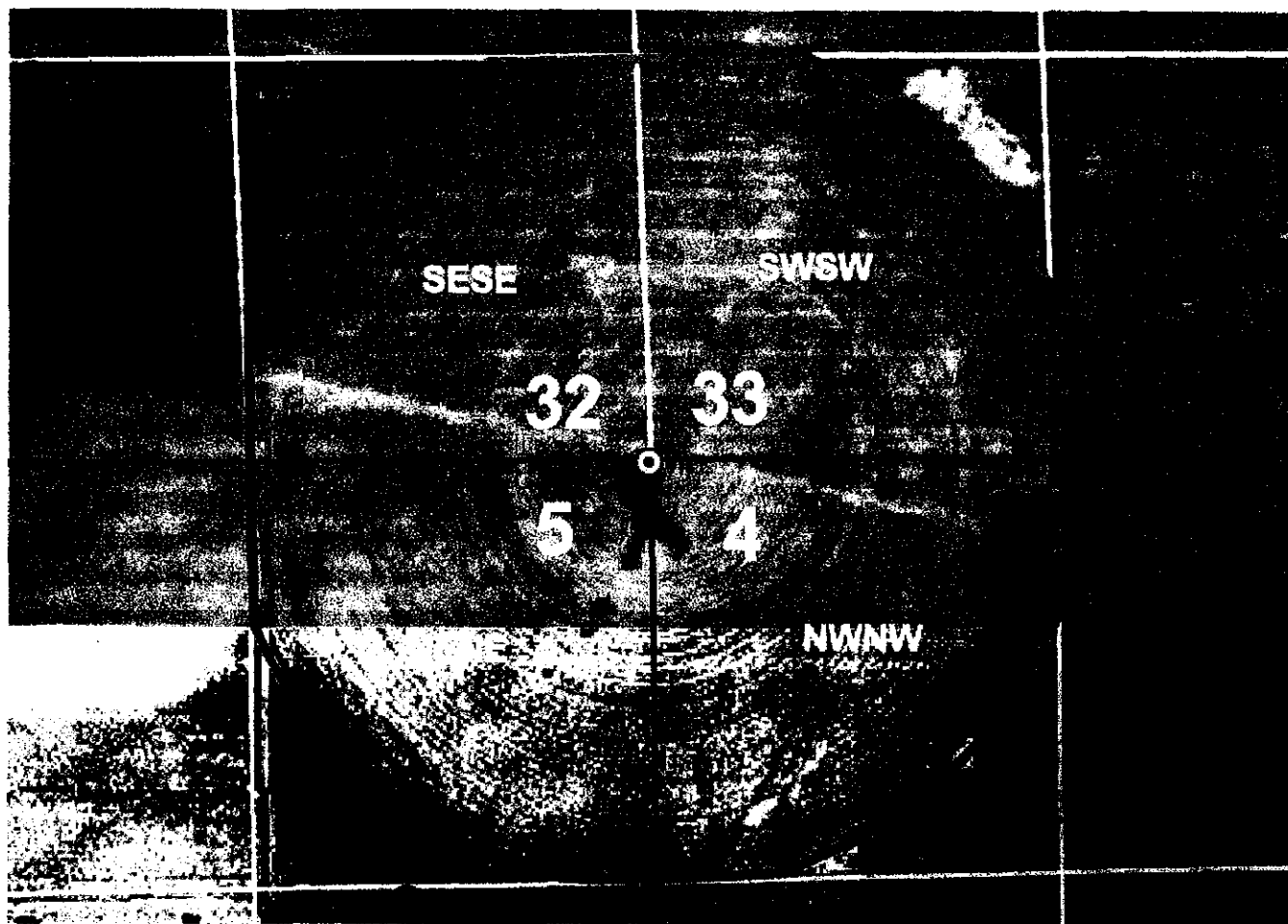


SUPERSEDES CURVE #EC-0227

# IDAHO DEPARTMENT OF WATER RESOURCES

## 31-07176

T06N, R36E, SEC. 4, 5  
T07N, R36E, SEC. 32, 33



1320

0

1320 Feet

PLACE OF USE

POINT OF DIVERSION

ACRES IRRIGATED- 133

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

MICROFILMED  
JUN 14 2001



State of Idaho

## DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098  
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: [www.idwr.state.id.us](http://www.idwr.state.id.us)

DIRK KEMPTHORNE  
Governor

KARL J. DREHER  
Director

March 7, 2003

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

BOYD B ASHCRAFT SHELTER TRUST  
LINDEN FIELDING TTE  
1195 E 1100 N  
SHELLEY ID 83274

RE: License No. 31-11697 - Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review the conditions of approval and remarks listed on your license.

The license is a PRELIMINARY ORDER issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

Please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-327-7946.

Sincerely,

Shelley W. Keen

Water Rights Supervisor

SWK:klt

Enclosure(s) INCLUDE COPY OF APPROVED APPLICATION FOR AMENDMENT.

MICROFILMED

2003

# **CERTIFICATE OF SERVICE**

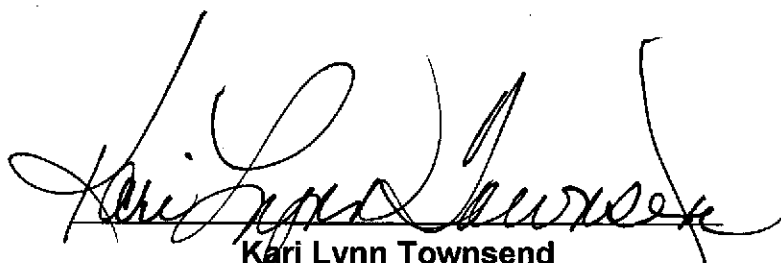
I hereby certify that on March 7, 2003 I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER(Approved License) to the person(s) listed below:

**RE: WATER RIGHT NO.**

**31-11697**

**HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448**

**BOYD B ASHCRAFT SHELTER TRUST  
LINDEN FIELDING TTE  
1195 E 1100 N  
SHELLEY ID 83274**



**Kari Lynn Townsend  
Secretary**

**MICROFILMED**

**MAR 17 2003**

**EXPLANATORY INFORMATION  
TO ACCOMPANY A  
PRELIMINARY ORDER**

The accompanying order or approved document is a "**Preliminary Order**" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

**PETITION FOR RECONSIDERATION**

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

**EXCEPTIONS AND BRIEFS**

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

**REQUEST FOR HEARING**

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

**ORAL ARGUMENT**

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

**CERTIFICATE OF SERVICE**

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

MICROFILMED  
MAR 17 2003

### FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

### APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.



State of Idaho

## DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098

Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: [www.idwr.state.id.us](http://www.idwr.state.id.us)

DIRK KEMPTHORNE  
Governor

KARL J. DREHER  
Director

February 19, 2003

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

BOYD B ASHCRAFT SHELTER TRUST  
LINDEN FIELDING TTE  
1195 E 1100 N  
SHELLEY ID 83274

RE: Water Right Permit No. 31-11697

Dear Permit Holders:

The Department of Water Resources is reviewing the permit referenced above prior to issuing a water right license. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit. The examiner who verified your water use reported that certain elements of the permit have been developed differently than described on your permit. Changes that do not increase the authorized use of water under the permit can be requested and approved in accordance with Section 42-211, Idaho Code. Before a license can be issued, your permit must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permit:

☒ **Place of Use**

The enclosed Application for Amendment form depicts the elements of the water right as they will appear on the license when it is issued. Please review the amendment form carefully. If you concur with the information presented, please sign the form and return it with the \$50.00 filing fee within 14 days.

If you have any questions, please call me at 208-327-7944.

Sincerely,

KAY WALKER  
Sr. Water Resource Agent

Enclosure(s)

*amendment &  
fee submitted  
to Dave Carlson  
per voice mail  
3/5 - kw*

MICROFILMED

MAR 17 2003

LICENSE REVIEW CHECKLIST

Permit No. 31-11697

Date: 2-18-03

Reviewer: Kay Walker

Change/OK

Name/Address OK

Source OK

Point of Diversion: OK

Does change clarify original intended source? If no, void permit.

Change (P39/P49) Add (P45/P44)

Feds (P40)

W32 (multiple in 1/4/1/4)

W36 (overlap)

W59 (subdivision description)

Place of Use

change

Change (P41/P49) Add (P41/P44)

Feds (P43)

W60 (subdivision description)

W27 (ppu acre limit)

at pld & plu

Overlaps: Right(s):

31-7176/11609/11611/11724

File reviewed

Profile reports printed ✓

P/D & P/U amend (P37) Feds (P48)

Rate of Diversion:

Permitted rate 0.88 cfs

Fee Limit 1.0 cfs

Measured 3.70 cfs

Theoretical \_\_\_\_\_ cfs

Recommended Total Diversion Rate 0.88

← all rights together = 3.69

Water Uses

OK Change (P46)

Season of Use per new Standards

4/1 10/31

Irrigation 0.88 cfs

\*W35

Stockwater \_\_\_\_\_ cfs

Domestic \_\_\_\_\_ cfs

\_\_\_\_\_ cfs

\_\_\_\_\_ cfs

Total 0.88 cfs

★ af

Irrigation - overlap (R58-R61, R62-R65, R66-R69)

supp. Gw (WB7/065/104)

overlap spec combined rts (W35)

<1 acre (W31)

Domestic (W01/wb5/070/071/075)

Power (W42 or W43/025/027/R22 or R23)

Fish (042)

Fire (077)

Water Quality (106/R07)

Payette - (W22/047/27A)

Stockwater for US (R37)

entire Volume Determination

3.7 cfs x 1.9835 x 214 days = 1570.5 af

entire (vs)

217 acres

x 3.5 (FHR) = 759.5 af

★ 760.0 AF

Remarks:

Additional Conditions

Watermaster Control

GW Measurement/Measuring Device

Other

Trust R55 - remove 051)

Non-trust (048)

GW Dist? \_\_\_\_\_

Water Msmt. Dist? \_\_\_\_\_

Crit. GWMA? \_\_\_\_\_

GWMA? \_\_\_\_\_

Government Lots? \_\_\_\_\_

Advance Priority? yes

no

If yes, explain why below.

SRBA Claim?

NO

Adjust memo \_\_\_\_\_

Amend Letters \_\_\_\_\_

P87, S06

Second Amendment Notice P49

S06

~~build exam date  
should pre-date  
application~~

| Basin | Sequence | Status       | Rate(cfs) | Volume(af)     | Source Table       | App.ID   |
|-------|----------|--------------|-----------|----------------|--------------------|----------|
| 31    | 7804     | Active       | 0.62      |                | wrWaterApplication | 59884    |
| 31    | 7176     | Active       | 1.78 ✓    | 465.5          | wrWaterRight       | -133 ac  |
| 31    | 11609    | Active       | 0.56 ✓    | 98.7           | wrWaterRight       | -28.2    |
| 31    | 11611    | Active       | 0.21 ✓    | 43.4           | wrWaterRight       | -12.4 ac |
| 31    | 11697    | DRAFT Active | 0.88      | <del>374</del> | wrWaterRight       |          |
| 31    | 11724    | Active       | 0.47 ✓    | 150.5          | wrWaterRight       | -43. ac  |
| 31    | 11697    | Active       | 0.88      | 758.1          | wrWaterPermit      |          |

app filed in '94 - no OL

3.69  
total  
capacity will  
not be  
exceeded

all  
Rt4 =  
160.0 AF

216.6 ac  
- 83  
133.6

28.2  
- 12.4  
15.8

31-11609  
-11611 > 0.56 cfs / 4.06 ac?

in 1976 = 1250 gpm = 2.78 cfs  
in 1990 = 2000 gpm = 4.46 cfs  
per Hem State Drig. notes

meas. 1997 = 1659.2 gpm = 3.70 cfs

10/10/10

NMD

POD Data

06N 36E 05 NENE

| Legal Description      | GPS Site ID              | Diversion Name    | Meas Option | POD    |
|------------------------|--------------------------|-------------------|-------------|--------|
| 06N 36E 05 NENE        | A0001869                 |                   |             | 300112 |
| Latitude 043:53:05.028 | Longitude -112:14:11.292 | GPS File C080321A | PCC (2)     |        |

## PCC Data

| Year                                 | Total KWH | PCC Acre-Ft | Qualifier | PCC    | PCC Date   | Utility                                       | Account Number                                 | Service Number                      |
|--------------------------------------|-----------|-------------|-----------|--------|------------|-----------------------------------------------|------------------------------------------------|-------------------------------------|
| 2002                                 | 191293.00 | 405.68      | 2         | 471.54 | 08/13/2002 | UPL                                           |                                                | 346644753-001                       |
| Comments:                            |           |             |           |        |            | Tracking: <input type="checkbox"/>            | Preferred: <input type="checkbox"/>            | Validated: <input type="checkbox"/> |
|                                      |           |             |           |        |            |                                               | Change Date: 2/10/2003                         |                                     |
| 2000                                 | 184800.00 | 410.74      | 2         | 449.92 | 08/03/2000 | UPL                                           | 65522556-002-00                                | 346644753-001                       |
| Comments:                            |           |             |           |        |            | Tracking: <input checked="" type="checkbox"/> | Preferred: <input type="checkbox"/>            | Validated: <input type="checkbox"/> |
|                                      |           |             |           |        |            |                                               | Change Date: 1/31/2002                         |                                     |
| 2001                                 | 184560.00 | 410.21      | 2         | 449.92 | 08/03/2000 | UPL                                           | 65522556-002-00                                | 346644753-001                       |
| Comments:                            |           |             |           |        |            | Tracking: <input checked="" type="checkbox"/> | Preferred: <input checked="" type="checkbox"/> | Validated: <input type="checkbox"/> |
|                                      |           |             |           |        |            |                                               | Change Date: 1/31/2002                         |                                     |
| 1997                                 | 127200.00 | 278.2       | Q         | 457.2  | 07/09/1997 | UPL                                           | 65522556-002-00                                | 346644753-001                       |
| Comments: No flows in original file. |           |             |           |        |            | Tracking: <input type="checkbox"/>            | Preferred: <input checked="" type="checkbox"/> | Validated: <input type="checkbox"/> |
|                                      |           |             |           |        |            |                                               | Change Date: 2/17/2000                         |                                     |
| 1998                                 | 129300.00 | 282.8       | Q         | 457.2  | 07/09/1997 | UPL                                           | 65522556-002-00                                | 346644753-001                       |
| Comments:                            |           |             |           |        |            | Tracking: <input type="checkbox"/>            | Preferred: <input checked="" type="checkbox"/> | Validated: <input type="checkbox"/> |
|                                      |           |             |           |        |            |                                               | Change Date:                                   |                                     |
| 1999                                 | 128460.00 | 281         | Q         | 457.2  | 07/09/1997 | UPL                                           | 65522556-002-00                                | 346644753-001                       |
| Comments:                            |           |             |           |        |            | Tracking: <input type="checkbox"/>            | Preferred: <input checked="" type="checkbox"/> | Validated: <input type="checkbox"/> |
|                                      |           |             |           |        |            |                                               | Change Date:                                   |                                     |

## PCC Calibration

| Date       | PCC    | Change Date |
|------------|--------|-------------|
| 08/13/2002 | 471.54 | 2/10/2003   |

| Kilowatt-Hour Meter |           | Condition #1 |                                             | KW    | GPM  | PCC    | PSI | Percent |
|---------------------|-----------|--------------|---------------------------------------------|-------|------|--------|-----|---------|
| Utility             | UPL       | Condition #1 | KW                                          | 115   | 744  | 839.47 | 70  | 35      |
| Pole No             | 346644753 | Descrip      | 1 PUMP, 1 BOOSTER, 1 PIVOT, HANDLINES OFF   |       |      |        |     |         |
| Meter Mfr           | S         |              | 3.70 cfs                                    |       |      |        |     |         |
| Meter S/N           | 73090271  | Condition #2 | KW                                          | 116.9 | 1659 | 382.69 | 45  | 65      |
| Disk Const          | 2.4       | Descrip      | 1 PUMP, 1 BOOSTER, 2 PIVOTS (FROM 2000 PCC) |       |      |        |     |         |
| Multiplier          | 60        | Condition #3 | KW                                          | 0     | 0    |        | 0   | 0       |
|                     |           | Descrip      |                                             |       |      |        |     |         |

| Date       | PCC    | Change Date |
|------------|--------|-------------|
| 08/03/2000 | 449.92 | 1/31/2002   |

| Legal Description                                                                                                                                                                                                                                                                                    | GPS Site ID | Diversion Name                                                                                                                                                                                                                                                                                                       | Meas<br>Option | POD |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|
| <b>Kilowatt-Hour Meter</b><br>Utility <input type="text" value="UPL"/><br>Pole No <input type="text"/><br>Meter Mfrgr <input type="text" value="S"/><br>Meter S/N <input type="text" value="73090271"/><br>Disk Const <input type="text" value="2.4"/><br>Multiplier <input type="text" value="60"/> |             | <b>Condition #1</b> KW <input type="text" value="114.79"/> GPM <input type="text" value="875"/> PCC <input type="text" value="712.49"/> PSI <input type="text" value="70"/> Percent <input type="text" value="33"/><br>Descrip <input type="text" value="1WELL-1FULL PVT,E.GUN ON, 1/2PVT OFF-HL'S OFF-BOOST OFF."/> |                |     |
|                                                                                                                                                                                                                                                                                                      |             | <b>Condition #2</b> KW <input type="text" value="116.6"/> GPM <input type="text" value="1659"/> PCC <input type="text" value="381.71"/> PSI <input type="text" value="45"/> Percent <input type="text" value="67"/><br>Descrip <input type="text" value="BOTH PIVOTS (HI FLOW/LO PCC CONDITION FROM 7-9-97 EXAM)"/>  |                |     |
|                                                                                                                                                                                                                                                                                                      |             | <b>Condition #3</b> KW <input type="text" value="0"/> GPM <input type="text" value="0"/> PCC <input type="text"/> PSI <input type="text" value="0"/> Percent <input type="text" value="0"/><br>Descrip <input type="text"/>                                                                                          |                |     |

Date PCC: Change Date: 

|                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kilowatt-Hour Meter</b><br>Utility <input type="text" value="UPL"/><br>Pole No <input type="text"/><br>Meter Mfrgr <input type="text" value="S"/><br>Meter S/N <input type="text" value="73090271"/><br>Disk Const <input type="text" value="3.6"/><br>Multiplier <input type="text" value="60"/> | <b>Condition #1</b> KW <input type="text" value="114.2"/> GPM <input type="text" value="1459"/> PCC <input type="text" value="425.1"/> PSI <input type="text" value="47"/> Percent <input type="text" value="80"/><br>Descrip <input type="text" value="W.PIVOT + HANDLINES"/> |
|                                                                                                                                                                                                                                                                                                      | <b>Condition #2</b> KW <input type="text" value="113.7"/> GPM <input type="text" value="1094"/> PCC <input type="text" value="564.45"/> PSI <input type="text" value="70"/> Percent <input type="text" value="10"/><br>Descrip <input type="text" value="W. PIVOT ALONE"/>     |
|                                                                                                                                                                                                                                                                                                      | <b>Condition #3</b> KW <input type="text" value="113.9"/> GPM <input type="text" value="790"/> PCC <input type="text" value="783.03"/> PSI <input type="text" value="86"/> Percent <input type="text" value="10"/><br>Descrip <input type="text" value="S. PIVOT ALONE"/>      |

**Timeclock Data**
 Year  Op Hours:  Avg GPM:  Avg CFS:  Acre-Ft: 
Comments Preferred ☐Validated ☐Change Date: **Alternate Data**

|                                        |                                                |                                  |        |
|----------------------------------------|------------------------------------------------|----------------------------------|--------|
| Year <input type="text" value="2001"/> | alt_flow: <input type="text"/>                 | std_meter: <input type="text"/>  | 300112 |
|                                        | alt_volume: <input type="text" value="278.5"/> | std_confid: <input type="text"/> |        |
|                                        | coln_adj: <input type="text"/>                 | psi_gage: <input type="text"/>   |        |
|                                        |                                                | psi_dschg: <input type="text"/>  |        |
|                                        |                                                | psi_expln: <input type="text"/>  |        |
|                                        | man_pcc_af: <input type="text"/>               | kh: <input type="text"/>         |        |
|                                        |                                                | disk_mult: <input type="text"/>  |        |

Comments Preferred ☐Validated ☐Change date 
 Year  alt\_flow:  std\_meter:  300112

| Legal Description | GPS Site ID                                  | Diversion Name                   | Meas Option | POD |
|-------------------|----------------------------------------------|----------------------------------|-------------|-----|
|                   | alt_volume: <input type="text" value="454"/> | std_confid: <input type="text"/> |             |     |
|                   | dcln_adj: <input type="text"/>               | psi_gage: <input type="text"/>   |             |     |
|                   |                                              | psi_dschg: <input type="text"/>  |             |     |
|                   | man_pcc_af: <input type="text"/>             | psi_expln: <input type="text"/>  |             |     |
|                   |                                              | kh: <input type="text"/>         |             |     |
|                   |                                              | disk_mult: <input type="text"/>  |             |     |

Comments **PCC from PSI-PCC method with good user records.**

Preferred ☒ Validated ☐

Change date 2/5/2001

|                                        |                                                |                                                |
|----------------------------------------|------------------------------------------------|------------------------------------------------|
| Year <input type="text" value="1998"/> | alt_flow: <input type="text"/>                 | std_meter: <input type="text" value="300112"/> |
|                                        | alt_volume: <input type="text" value="303.7"/> | std_confid: <input type="text"/>               |
|                                        | dcln_adj: <input type="text"/>                 | psi_gage: <input type="text"/>                 |
|                                        |                                                | psi_dschg: <input type="text"/>                |
|                                        | man_pcc_af: <input type="text"/>               | psi_expln: <input type="text"/>                |
|                                        |                                                | kh: <input type="text"/>                       |
|                                        |                                                | disk_mult: <input type="text"/>                |

Comments **PCC from PSI-PCC method with good user records.**

Preferred ☐ Validated ☐

Change date 2/5/2001

### Site Visits

| Site Visit Date                                                                                                                                                                                                                                                                                                                                                                                                                                            | Site Examiner                             | Reason                                       | Change Date:                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------|----------------------------------------|
| <input type="text" value="8/13/2002"/>                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="text" value="GHANSEN"/>      | <input type="text" value="PCC Calibration"/> | <input type="text" value="8/15/2002"/> |
| Notes: <b>EXAM COMPLETE. STANDARD CONFIDENCE EXCELLENT.</b>                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                              |                                        |
| <input type="text" value="1/31/2002"/>                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="text" value="Michael H."/>   | <input type="text" value="Routine"/>         | <input type="text" value="1/31/2002"/> |
| Notes: <b>SITE NEEDS TO BE RE-EVALUATED IN 2002 TO DETERMINE BEST METHOD OF MEASUREMENT. WILL PROBABLY STILL REQUIRE PUMP CARDS, BUT MAYBE REQUESTING DIFFERENT DATA. 2000 PCC DATA RE-CALCULATED TO REPRESENT AVG PRESSURE CONDITION INDICATED ON PUMP CARDS. PCC AND PSI METHOD VOLUMES FOR 2000 AND APR THRU JUNE OF 2001 COMPARE AS FOLLOWS: FOR 2000, PCCVOL = 411 AF &amp; PSIVOL = 454 AF. FOR 2001, PCCVOL = 118.9 AF &amp; PSIVOL = 138.7 AF.</b> |                                           |                                              |                                        |
| <input type="text" value="8/3/2000"/>                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="text" value="STEVE HEATON"/> | <input type="text" value="PCC Calibration"/> | <input type="text" value="11/1/2000"/> |
| Notes: <b>EXAM COMPLETE. STANDARD CONFIDENCE-GOOD. KH=3.6 WRITTEN ON METER FACE. KH=2.4 (DERIVED FROM PACIFCORP RECORDS)</b>                                                                                                                                                                                                                                                                                                                               |                                           |                                              |                                        |
| <input type="text" value="7/9/1997"/>                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="text" value="BCONTOR"/>      | <input type="text" value="PCC Calibration"/> | <input type="text" value="2/5/2001"/>  |

| Legal Description                                                                                                                                                                                 | GPS Site ID | Diversion Name | Meas<br>Option | POD |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------|-----|
| Notes: <b>ALTERNATE METHOD.</b><br><b>PCC= 626.8 -13.5 X PSI + 0.178 PSI SQUARED</b><br><b>R SQUARED = 0.999</b><br><b>1998 reported volume based on PSI method &amp; excellent user records.</b> |             |                |                |     |

### System Data

|                                                                                                     |             |                  |                       |           |                       |
|-----------------------------------------------------------------------------------------------------|-------------|------------------|-----------------------|-----------|-----------------------|
| Year                                                                                                | <b>1997</b> | System Type:     | <b>P</b>              | Mods Flag |                       |
| <b>Pump Data</b>                                                                                    |             | <b>Main Pump</b> | <b>Booster Pump 1</b> |           | <b>Booster Pump 2</b> |
| HP:                                                                                                 | <b>150</b>  | Type:            | <b>V</b>              | HP:       | <b>40</b>             |
|                                                                                                     |             |                  | <b>C</b>              | Type:     | <b>0</b>              |
| Comments: <b>ALTERNATE METHOD.</b><br><b>PCC= 626.8 -13.5 X PSI + 0.178 PSI SQUARED</b><br><b>R</b> |             |                  |                       |           |                       |

## MEMORANDUM

**Date:** January 30, 2003  
**To:** Water Right File 31-11697  
**From:** dcarlson  
**Re:** Field Report Narrative

---

the permit was granted based on information submitted, indicating that prior to 1987, the diversion rate for this well would have been 1200 gpm. Which would be 0.88 CFS more than what was licensed on 31-7176. That was based on a 100 HP pump motor.

Now the system has a 150 hp pump motor and a 40 HP booster and has been measured at 1659 gpm with a sonic meter.

transfer 69342 moved other water rights into this well, and now have a total combined CFS rate of 2.81 CFS. This permit would add another 0.88 CFS to this well and would be acceptable using the measurement of 1659 cfs.

But the issue with this permit is there enough information with the application to indicate that an additional CFS rate could be granted for a "prior to 1987" development. See file 31-7176 for a letter to the Ashcrafts from Jeff Peppersack.

I completed this field exam as it could be licensed now, since the permit was granted. Jeff Peppersack should review this file and decide if we can go forward and issue the license.

MICROFILMED  
MAR 17 2003

RECEIVED

FEB 03 2003

Permit No: 31-11697

DEPARTMENT OF WATER RESOURCES Page 1

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 31-11697

Exam Date: 1/30/2003

1. Current Owner: BOYD B ASHCRAFT SHELTER TRUST  
LINDEN FIELDING TTE  
1195 E 1100 N  
SHELLEY ID 83274  
(208)357-7751

And

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448  
(208) 356-3533

2. Accompanied by: NONE  
Phone No:  
Address:  
Relationship to Permit Holder:

NO such  
number -  
should be  
31-11724 per  
OL review.  
↓ KW

3. SOURCE  
GROUND WATER

TRIBUTARY

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 31-7176, 11609, 11611, 11727  
2. Other water rights with the same point of diversion: " " " "

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L1 NE1/4NE1/4NE1/4 Sec. 5, Twp 06N, Rge 36E, B.M.  
JEFFERSON County

Method of Determination: GPS/FE/GIS

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   |        |
| 06N 36E 4   |    |    |    |    |    | 34.0 |    |    |    |    |      |      |      |      |      |      | 34.0   |
|             |    |    |    |    |    | L 4  |    |    |    |    |      |      |      |      |      |      |        |
| 07N 36E 32  |    |    |    |    |    |      |    |    |    |    |      |      | 35.0 | 30.0 | 28.0 | 31.0 | 124.0  |
| 07N 36E 33  |    |    |    |    |    |      |    |    |    |    | 35.0 | 24.0 |      |      |      |      | 59.0   |

Total Acres: 217

LIMITED TO 133 ACRES MICROFILMED  
MAR 17 2003

## 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<br/>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<br/>Size</u> |
|--------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------|
| A0001869                             | GE                | 150hp     |                         |                  | N4J124124                                    |
|                                      | US Motor          | 40hp      | booster                 |                  | H00451226 R042M                              |
|                                      |                   |           |                         |                  |                                              |

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

## D. FLOW MEASUREMENTS

1.

| <u>Measurement<br/>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:

$$CFS = 1659 \text{ gpm} = 3.69$$

## E. FLOW CALCULATIONS

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

Measured Method:

$$\text{Collins Worksheet} = 1659 \text{ gpm}$$

MICROFILMED

MAR 17 2003

**F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.5 \times 133 = 465.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .88 \times 1.9835 \times 214 = 374 \text{ AF/A}$$

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

## 2. Volume Calculations for Other Uses:

**G. NARRATIVE/REMARKS/COMMENTS**

the permit was granted based on information submitted, indicating that prior to 1987, the diversion rate for this well would have been 1200 gpm. Which would be 0.88 CFS more than what was licensed on 31-7176. That was based on a 100 HP pump motor.

Now the system has a 150 hp pump motor and a 40 HP booster and has been measured at 1659 gpm with a sonic meter.

transfer 69342 moved other water rights into this well, and now have a total combined CFS rate of 2.81 CFS. This permit would add another 0.88 CFS to this well and would be acceptable using the measurement of 1659 cfs.

But the issue with this permit is there enough information with the application to indicate that an additional CFS rate could be granted for a "prior to 1987" development. See file 31-7176 for a letter to the Ashcrafts from Jeff Peppersack.

I completed this field exam as it could be licensed now, since the permit was granted. Jeff Peppersack should review this file and decide if we can go forward and issue the license.

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       | 0.880 CFS             | 374.00 AF            |
| <u>Totals:</u>        |                      | 0.880 CFS             | 374.00 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

MICROFILMED  
MAR 17 2003

## I. AUTHENTICATION

Field Examiner's Name

D. Carlan

Date

1-30-03

Reviewer

J. L. Jones

Date

1-30-03

With the system substantially changed from the time license 31-7176 was established, I don't see how we can justify any more cfs via permit 31-11697.

Huf

MICROFILMED

MAR 17 2003

WATER RIGHT NUMBER: 31-7176

Owner Type

Name and Address

Current Owner

BOYD B & HELEN F ASHCRAFT, 2983 E 2000 N, SUGAR CITY, ID 83448  
(208) 356-3533

Priority Date: 01/02/1976

Basis: Decreed

Status: Active

Source

Tributary

GROUND WATER

Beneficial Use

From To

Diversion Rate

Annual Volume

IRRIGATION

04/01 to 11/01

1.780 CFS

465.50 AF

Total Diversion:

1.780 CFS

465.50 AF

Location of Point(s) of Diversion

GROUND WATER

NE1/4NE1/4NE1/4

Sec. 5, Twp 06N, Rge 36E, B.M.

JEFFERSON County

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   |        |
| 06N 36E 4   |    |    |    |    |    | 34.0 |    |    |    |    |      |      |      |      |      |      | 34.0   |
|             |    |    |    |    |    | L 4  |    |    |    |    |      |      |      |      |      |      |        |
| 07N 36E 32  |    |    |    |    |    |      |    |    |    |    |      |      | 35.0 | 30.0 | 28.0 | 31.0 | 124.0  |
| 07N 36E 33  |    |    |    |    |    |      |    |    |    |    | 35.0 | 24.0 |      |      |      |      | 59.0   |

Total Acres: 217

Conditions of Approval:

- 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
- 067 The right holder shall measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code.
- R63 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
- T07 The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
- T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
- T19 Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
- X27 This right is limited to the irrigation of 133 acres within the place of use described above in a single irrigation season.
- X35 Rights 31-7176, 31-11609, 31-11611 and 31-11727 when combined shall not exceed a total diversion rate of 2.81 cfs, a total annual maximum diversion volume of 758.1 af at the field headgate, and the irrigation of 216.6 acres within the place of use described above in a single irrigation season.
- X36 Rights 31-11609, 31-11611 and 31-11724 are also diverted through the point of diversion described above.

Remarks:

Comments:

- scurtis 10/2/2002 8:52:00 AM Transferred Right  
Comment: This is now an approved transfer, transfer number = 69342

Dates and Other Information:

Licensed Date:

Decreed Date: 3/8/2002

MICROFILMED

MAR 17 2003

Collins Worksheet

Using upstream/downstream ports

Site-tag A0001869 GPM= 1659.2

Grower RYAN ASHCRAFT

Diversion Name

Date 7/9/97 PCC= 381.7

Condition 5 (2 PIVOTS)

KW = 116.6

OD 10.000 inches

Thickness 0.110 inches

ID 9.780 inches

Inside Radius 4.890 4 14 /16 NOTE ERROR STOP SET AT 4 3/8

| Station | Factor | Decimal | Fraction | Vel-head | V=SQRT(GH) |      |      |
|---------|--------|---------|----------|----------|------------|------|------|
| 1       | 0.051  | 0.249   | 0 4 /16  | 0.36     | 0.31       | 3.40 | 3.16 |
| 2       | 0.163  | 0.797   | 0 13 /16 | 1.33     | 1.27       | 6.54 | 6.39 |
| 3       | 0.293  | 1.433   | 1 7 /16  | 1.76     | 1.72       | 7.52 | 7.44 |
| 4       | 0.453  | 2.215   | 2 3 /16  | 1.8      | 1.77       | 7.61 | 7.55 |
| 5       | 0.684  | 3.345   | 3 6 /16  | 2.07     | 2.03       | 8.16 | 8.08 |
| 6       | 1.316  | 6.435   | 6 7 /16  | 2.06     | 1.98       | 8.14 | 7.98 |
| 7       | 1.547  | 7.565   | 7 9 /16  | 1.92     | 1.82       | 7.86 | 7.65 |
| 8       | 1.707  | 8.347   | 8 6 /16  | 1.79     | 1.69       | 7.59 | 7.37 |
| 9       | 1.837  | 8.983   | 8 16 /16 | 1.64     | 1.63       | 7.26 | 7.24 |
| 10      | 1.949  | 9.531   | 9 8 /16  | 1.65     | 1.74       | 7.29 | 7.48 |

A = 0.522 FT<sup>2</sup> 7.14 7.03

V bar = 7.09 ft/s

Q=AV= 3.70 ft<sup>3</sup>/s

1659.2 GPM

184.8 MINER'S INCHES

MICROFILMED

MAR 17 2003

# W/PUMP INFORMATION

Depth of Well: \_\_\_\_\_ ft.

Depth of Bowls: \_\_\_\_\_ ft.

Static Level: Pre-Season \_\_\_\_\_ ft.

Measure Date \_\_\_\_\_

During Irr. 120 ± 10 ft.

Measure Date 5/21/97

Post Season \_\_\_\_\_ ft.

Measure Date \_\_\_\_\_

Dynamic Water Level \_\_\_\_\_ ft.

Measure Date \_\_\_\_\_

Does static water level drop or rise over season? YES NO

Does another well specifically interfere with this well? YES NO

## WELL MOTOR

## WELL PUMP

MFG: GE

MFG: Verti-line

SERIAL: NYI 124124

SERIAL: 006548

HP: 150

TYPE: Vert. T Cent. Submer.

## BOOSTER PUMP MOTOR

## BOOSTER PUMP

MFG: US

MFG: Aurora

SERIAL: H0045125226 R042M

SERIAL: 90-06362-1

HP: 40

TYPE: Split-case Vert. T. Cent. Submer.

## BOOSTER PUMP MOTOR

## BOOSTER PUMP

MFG: \_\_\_\_\_

MFG: \_\_\_\_\_

SERIAL: \_\_\_\_\_

SERIAL: \_\_\_\_\_

HP: \_\_\_\_\_

TYPE: Vert. T. Cent. Submer.

## D. UTILITY METER INFORMATION

Utility UPL

Ser. # 73 090 271

Pole # \_\_\_\_\_

Meter Mfg. Saugamo

Max. KW 1.99

Kh 3.6

Kilowatt Hours 23070

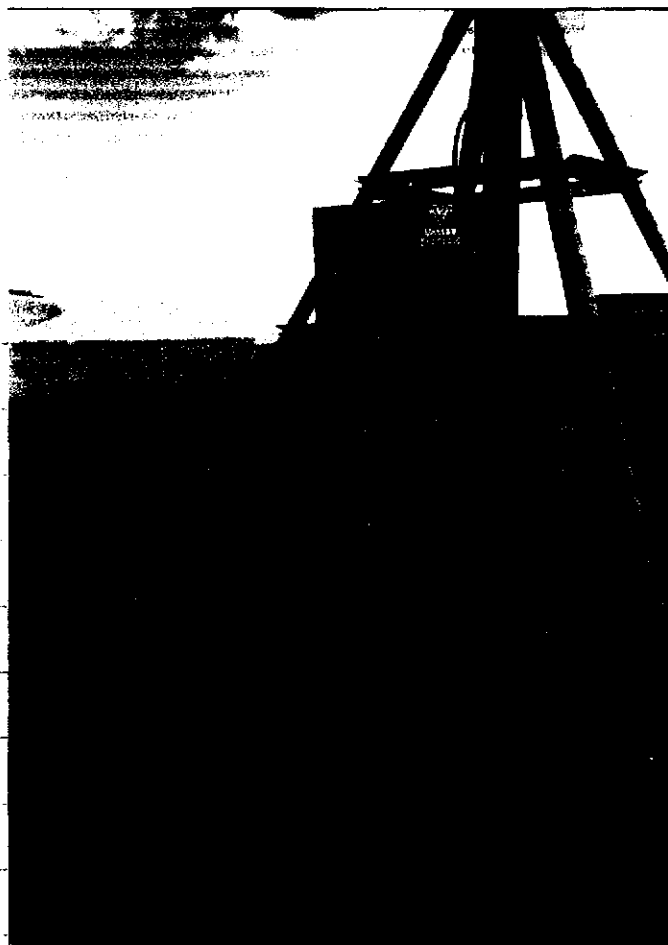
Multiplier 60 (Ex. 1 X 40)

IS POWER METER ACCESSIBLY FOR READING? YES NO

UTILITY ACCOUNT NUMBER \_\_\_\_\_

MAR 17 2003

ADD 1869



MAR 17 2003





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098  
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: [www.idwr.state.id.us](http://www.idwr.state.id.us)

June 6, 2001

DIRK KEMPTHORNE  
Governor

KARL J. DREHER  
Director

MRS HELEN ASHCRAFT  
2983 EAST 2000 NORTH  
SUGAR CITY, ID 83448

Re: License 31-7176

Dear Mrs. Ashcraft:

The Department of Water Resources has received your February, 2001 letter and documentation requesting a change in the diversion rate for the water right license referenced above. We have also received a letter written February 12, 2001 from Mr. Robert Lee regarding the original design of the pumping system used at the time of licensing.

We have reviewed the information submitted, and the January 25, 2001 letter sent to you by Bryce Contor of this Department. Bryce Contor noted in his letter that the licensed amount of 1.78 cfs is an unusually low rate of water per acre for 133 acres. The licensed rate is about 0.013 cfs per acre (2/3 inch per acre). That amount, although not the maximum allowed under statute, is not uncommon for sprinkler systems developed around the state. More importantly, the amount represents the measured value based on the field exam completed by the Department shortly after the proof of beneficial use statement was submitted by the permit holder.

The purpose of a field exam is to document the extent of beneficial use of the water as developed under authority of a water right permit. A license cannot be issued for more than the amount beneficially used during the development period of the permit. However, the Department has amended licenses in cases where it was clear that the information used during a field exam or license review resulted in an error on the license issued.

Robert Lee's letter indicated that the pumping system was designed for 1000 GPM and therefore, should have been licensed for that amount. Design values are important for proper system development and are often used by the Department where actual measurements are not possible or practical. But, actual system capacity is best determined by measurement because field conditions will dictate actual capacities and those values are often different than design values. For a pumping system, changes in the pumping water level, system configuration, or performance of individual pumps can all lead to differences between the design value and the actual flow capacity of a system. In addition, it is important to make measurements or calculations as soon as possible after a permit holder submits proof of beneficial use to document the extent of beneficial use during the development period for that right. Additional capacity developed after licensing is not justification for a change to the licensed quantity.

MICROFILMED

MAR 17 2003

Bryce Contor's calculations of flow capacity assumed a discharge pressure of 50 psi. Robert Lee's letter indicates that the system was designed with a pressure of 90 psi. Use of 90 psi in place of 50 psi in the flow calculation would significantly reduce the resultant flow capacity. To be fair, the pump efficiency could have been higher than the 60% used in Bryce's calculations, especially for a new pumping system. The following calculations demonstrate the results of these changes using 70% efficiency.

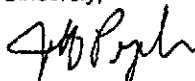
$$\text{GPM} = \frac{(\text{water horsepower})(3960)}{(\text{Lift} + \text{Friction} + \text{PSI}) * 2.31} = \frac{(100 * 70\% * 3960)}{(120 + 15 + 208)} = 808 \text{ GPM} = 1.80 \text{ cfs}$$

It is clear from the results that the outcome for this type of calculation is only as good as the inputs used.

Bryce noted in his letter that the field exam completed for the license relied upon measurements from a type of flowmeter that is not always reliable and accurate. It is true that any flowmeter which is installed incorrectly or improperly maintained can give erroneous results. The McCrometer in-line flowmeter installed at the site and relied upon for the flow measurements during the field exam is a propeller-type meter, a type which can and does provide accurate results as long as they are installed correctly and maintained properly. In fact, Department tests of propeller-type meters during 1995-6 found that most operated within Department standards. Propeller-type meters operating outside Department standards are usually found to be installed incorrectly or are older meters (not maintained). There is no indication that the measuring device used during the field exam was incorrectly installed or improperly maintained. As a result, the best indication of the flow capacity at the time of licensing is the flow measurement made during the field exam.

To conclude, the Department does not find sufficient evidence to support a change in the amount licensed. If you have additional information to support a change in the licensed quantity or any questions or concerns regarding this matter, please feel free to contact the Department.

Sincerely,



Jeff Peppersack, Section Manager  
Water Right Permits Section

C: Robert R. Lee

MICROFILMED

MAR 17 2003

RECEIVED

FEB 20 2011

Department of Water Resources

Shelley Keen  
1301 N. Orchard  
Boise, Id  
83705

Mr Keen:

The enclosed letter was addressed to me & when I opened it and saw the Idaho Falls address under your name, I was afraid that Senator Lee had mistakenly sent his letter to you to Idaho Falls. If that be the case, I decided you'd better get my copy, or I'd run the risk of you not receiving a letter from him at all. I would appreciate it if you would take this matter into consideration.

Thank you  
Helen J. Ashcraft  
2983 E 2000 N  
Sugar City, Id  
83448

ph-208-356-3533

P.S. The personnel in the Idaho Falls office have been very kind & helpful.

MICROFILMED

MAR 17 2003

ROBERT H. LEE  
DISTRICT 27  
FREMONT & MADISON  
COUNTIES



RECEIVED

FEB 20 2001

DEPARTMENT OF WATER RESOURCES

HOME ADDRESS  
1330 BARNEY DAIRY ROAD  
REXBURG, IDAHO 83440  
HOME (208) 350-9500

RECEIVED

FEB 15 2001

Department of Water Resources  
Eastern Region

## Idaho State Senate

State Capitol  
P.O. Box 83720  
Boise, Idaho 83720-0081

February 12, 2001

Shelley Keen  
Idaho Department of Water Resources  
900 N. Skyline Drive, Suite A  
Idaho Falls, Idaho 83402

Dear Shelley:

Mrs. Helen Ashcraft has asked that I respond to a letter from Bryce A. Contor dated January 25, 2001 regarding license 31-7176.

In that letter, Mr. Contor rightly questions the 1.78cfs for 133 acres and gives his opinion that it should be in the neighborhood of 2.66cfs. The water meters installed at that time were very inaccurate and should not have been relied upon for licensure.

I designed the system in question when I was the irrigation engineer and part owner of Gem State Irrigation in Rexburg, Idaho.

The valley center pivot was 1298' long and was designed to irrigate 133 acres with 1000gpm and a pivot pressure of 90 psi. The 100 H.P. pump was designed to do 1000gpm at 341' TDH. A Johnston 6 stage 12cc full impeller pump was installed with 145' of 8" column. Therefore, the license should have been for 2.2cfs.

According to Golden West Irrigation pump records, the pump and motor were changed in 1990 to 150 H.P. The 150 H.P. pump was designed to do 2000gpm at 219' TDH with a 40 H.P. booster to do 2000gpm at 61' TDH. The lower combined head was possible because low pressure pivots were installed. I understand you are working with Mrs. Ashcraft to transfer water from another well for an amended license. The pumps may be producing more than 2000gpm if the head is less than that designed.

MICROFILMED  
MAR 17 2003

Shelley Keen  
Page 2  
February 12, 2001

I am a retired registered Idaho civil engineer with license number 1823. I no longer practice engineering, but I can state that the above information is correct.

Sincerely,



Robert R. Lee  
Senator for District 27

RRL:ms

cc: Helen Ashcraft

MICROFILMED  
MAR 17 2003



# GEM STATE IRRIGATION, INC.

BOX 361 • SOUTH YELLOWSTONE HIGHWAY  
PHONE 800 • 866-9318 • TWX 910-579-5518  
REXBURG, IDAHO 83440

Ashcroft #1-

Serial No.: \_\_\_\_\_

Date: 5-4-76

Written By: \_\_\_\_\_

1 CFS = 450 Gallons per minute

Name: Blaine Cook

Location of Pump: Hamm

Make of Pump: John

Serial No. of Pump: J-004

Well Test: 2/3

Well Depth: 213'

Static Water Level: 113'

Pumping Level: \_\_\_\_\_

Casing Size: 16"

Test Results: \_\_\_\_\_

| Drivers | HP         | Frame No.       | Make        | Model             | Serial No.        |
|---------|------------|-----------------|-------------|-------------------|-------------------|
|         | <u>100</u> | <u>B404TP16</u> | <u>G.E.</u> | <u>SK6267XH1A</u> | <u>KKJ1009146</u> |

| R.P.M.      | Volts          | Ratio |
|-------------|----------------|-------|
| <u>1770</u> | <u>230/460</u> |       |

| Discharge Head | Base Dia.   | Register Dia. | Disch. Size | Tube Nipple Size & Lgth. |
|----------------|-------------|---------------|-------------|--------------------------|
| <u>200</u>     | <u>16.5</u> | <u>13.5</u>   | <u>8</u>    | <u>2.5 5.93'</u>         |

| Head Shaft Size & Length | K.W. Size & Length | Oil or Water |
|--------------------------|--------------------|--------------|
| <u>1.5 x 91</u>          | <u>1.5 x 6</u>     | <u>0</u>     |

| Column: Total Length | Col. Size & Length | Straight or Taper |
|----------------------|--------------------|-------------------|
| <u>115'</u>          | <u>8 x 20</u>      | <u>S</u>          |

| Tube Size & Length | Tube R or L | Impeller Dia. | Original               |
|--------------------|-------------|---------------|------------------------|
| <u>7 x 20</u>      | <u>□</u>    | <u>12CC</u>   | <u>Full = 1250 GPM</u> |

| Make Bowls  | No. Stages | Shaft O.D. | Line Shaft  |
|-------------|------------|------------|-------------|
| <u>John</u> | <u>6</u>   | <u>2.0</u> | <u>1.5"</u> |

| Suction   | Size     | Length      | No. Threads per Inch |
|-----------|----------|-------------|----------------------|
| <u>2"</u> | <u>8</u> | <u>Wise</u> |                      |

Miscellaneous: \_\_\_\_\_

\* in 1988 - changed pump to 5 stage 12CC for low pressure pivot (basically just dropped off 1 stage.)

\* In 1990 - pulled pump & put in a 14 RL 3 stage pump & lowered column by 40' & a 150 HP motor. Pump now does 2000 GPM at 219' TCH & has a 40 HP booster to do 2000 GPM at 61' TCH

MICROFILMED

MAR 17 2003

RECEIVED

FEB 14 2001

Department of Water Resources

Shelley Keen  
Water Allocations Bureau  
I.D.W.R.  
1301 N. Orchard St.  
P.O. Box 83720  
Boise, Id 83720-0078

Dear Mr. Keen

I'm writing regarding the test results and subsequent water license on a well drilled in 1976 southwest of Hamer Sup 6N, R36E8M, Sec 5, NE 1/4 NE 1/4 in Jefferson Co. I talked with both Bryce Contor in the Idaho Falls office and Sen. Robert Lee, a licensed engineer who both think the the license was made for far less than what it could have been for; I have come to the conclusion that I need to apply to have W. R. # 31-7176 amended to a higher reading.

I have enclosed copies (from the state office for your convenience) of the Water Right license, section map, exam report & field report plus a copy of the original pump specs. from Gem State Dr (now Golden West) and a letter from Bryce Contor. Sen. Lee said he would send you a letter from his office. Sen. Lee is very familiar with this well because he was working for Gem State at the time this original pump was installed.

The ground this well waters is very light sandy soil, like 90% of the ground between Hamer, Terreton & Mud Lake. When the wind blows, the sand blows - like fluffy snow -

MICROFILMED

MAR 17 2003

Unless there's a crop cover or the sand is wet. If you plant, you'd better be ready to pump water, because if the wind comes up, the seed is blown out or covered so deep it can't germinate. That is why I'm requesting an increase in the amount of cfs on the water license. Sen. Lee is stating the pump they put down the well could pump 2.2 cfs and Mr. Conter stated 1.78 cfs was "an unusually low rate of water use."

I respect the knowledge of both these men and hope you will review their figures and calculations and come up with the same conclusions they did.

P.S. You've probably noticed the W.R. License is made out to Richard & Blaine Cook.

Thank you for your help  
Helen J. Ashcraft  
2983 E 2000 N  
Sugar City, ID  
83448

I'm applying for a Change of Ownership (have already done it actually) and am trying to get all the water papers and legal stuff made right.  
Thank you

ph 208-356-3533

MICROFILMED  
MAR 17 2003



State of Idaho  
DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 • (208) 525-7161 • Fax (208) 525-7177

EASTERN REGION

January 25, 2001

DIRK KEMPTHORNE  
GOVERNOR

KARL J. DREHER  
DIRECTOR

Mrs. Helen Ashcraft  
2983 East 2000 North  
Sugar City, Idaho 83448

Re: License Exam 31-7176

Dear Mrs. Ashcraft:

License 31-7176 is for 1.78 cfs on 133 acres. This is an unusually low rate of water per acre. Typically we would expect up to 2.66 cfs on a system of this size.

The licensed diversion rate was based upon a field exam done by Ernest Carlsen on October 13, 1976. The examiner relied upon an installed flowmeter. We have since learned that these installed flowmeters are not always reliable and accurate.

The exam shows that a 100 horsepower GE motor was installed at the time of the exam. North Water Measurement District records show that the measured depth to water in 1997 was approximately 120 feet. It is likely that the depth to water at the time of the original exam was very close to the same.

Using an assumed pumping plant efficiency of 60%, assumed discharge pressure of 50 psi, and an assumed column friction of 15 feet, I calculate that the original capacity of the system would have been closer to 2.6 cfs:

$$\text{GPM} = \frac{(\text{water horsepower})(3960)}{(\text{Lift} + \text{Friction} + \text{PSI} \times 2.31)}$$

$$\text{GPM} = \frac{(100 \times 60\% \times 3960)}{(120 + 15 + 115)} = \frac{237600}{250} = 950 \text{ GPM} = 2.12 \text{ cfs}$$

You may wish to contact the Water Allocations Bureau in the State Office about the possibility of having this license amended. Shelley Keen at (208) 327-7900 can discuss this with you.

Please call me if you have questions.

Sincerely,  
*Bryce A. Contor*  
Bryce A. Contor  
Senior Water Resource Agent

~ Celebrating Our Centennial Year of Service to Idaho 1895-1995 ~

MICROFILMED

MAR 17 2003



State of Idaho

**DEPARTMENT OF WATER RESOURCES**

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098  
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: [www.idwr.state.id.us](http://www.idwr.state.id.us)

DIRK KEMPTHORNE  
Governor

KARL J. DREHER  
Director

January 28, 2002

BOYD B ASHCRAFT SHELTER TRUST  
LINDEN FIELDING, TTE  
1195 E 1100 N  
SHELLEY ID 83274

HELEN ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

RE: Change of Ownership for Water Right Permit 31-11697

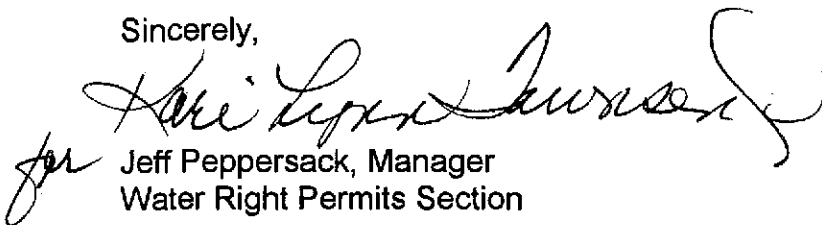
Dear Water Right Holder(s):

The department acknowledges receipt of correspondence changing ownership of the above referenced water right as noted above. The department has modified its records to reflect the change in ownership and has enclosed a computer-generated report for your records.

Please note that as of July 1, 1996, water right owners are required to report any change of water right ownership and any change of mailing address of the owner of a water right to the department. Notice of the change must be provided to the department within 120 days of the change. Change reporting forms are available from any office of the department.

Please feel free to contact this office if you have any questions regarding this matter.

Sincerely,

  
Jeff Peppersack, Manager  
Water Right Permits Section

JP:klt

Enclosure

MICROFILMED  
FEB 04 2002



State of Idaho

**DEPARTMENT OF WATER RESOURCES**

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098  
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: [www.idwr.state.id.us](http://www.idwr.state.id.us)

July 26, 2001

DIRK KEMPTHORNE  
Governor

KARL J. DREHER  
Director

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

**PROOF ACKNOWLEDGMENT LETTER**

**RE: PERMIT NO. 31-11697**

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit.

According to your water right permit, you are required to "...measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code" as stated in Conditions of Approval no. 4.

The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water. Therefore, you may wish to install the measuring device and controlling works before the department conducts the field examination.

Be advised that Section 42-248, Idaho Code, requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

Please review your permit and call the Eastern Region if you have any questions regarding those conditions or the field examination in Idaho Falls at (208) 525-7161. If you have any additional questions you may contact me at (208) 327-7953.

Sincerely,

Deborah Gibson  
Administrative Assistant  
Water Allocation Bureau

c: IDWR - Regional Office

**MICROFILMED**

**AUG 08 2001**

## ANALYSIS SHEET FOR PROOF OF BENEFICIAL USE

Permit No.: 31-11697

Reviewed By: dgibson

Date: July 26, 2001

|                                   | <u>Yes</u> | <u>No</u>           |                                  | <u>Yes</u> | <u>No</u> |
|-----------------------------------|------------|---------------------|----------------------------------|------------|-----------|
| Proof received timely?            | X          |                     | Drilling permit required?        | X          |           |
| License examination fee required? | X          |                     | Drilling permit No.:             |            |           |
| Appropriate fee submitted?        | X          |                     | Drilling permit upgrade needed?  |            |           |
| Receipt No.:                      |            | E026590,<br>E026914 | Well driller's report filed?     |            | X         |
| Additional Amount Due:            |            |                     | Measuring device required?       | X          |           |
| Name and address same as permit?  | X          |                     | Measuring device installed?      |            | X         |
| Are the water uses correct?       | X          |                     | Measure device waiver requested? |            | X         |

### Priority Calculation

|                     |              |
|---------------------|--------------|
| Date proof received | 07/13/2001   |
| Date proof due      | - 09/01/2001 |
| Lapse notice sent   | -            |
| No. of days late    | = 0          |
| Holiday allowance   | +            |
| Priority date       | + 03/29/2001 |
| New priority date   | = 03/29/2001 |

### Deficiencies of Actions Items

Acknowledge proof but note that a measuring device is required.

MICROFILMED  
AUG 08 2001

June 30, 2001

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY , ID 83448

PROOF DUE NOTICE

RE: PERMIT NO. 31-11697

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before September 01, 2001. (See last page of your approval permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a completed field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

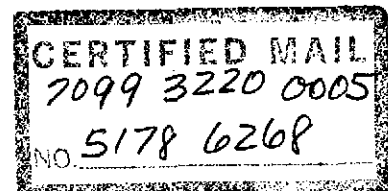
Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

Sincerely,

Deborah J. Gibson, Admin. Asst.  
Water Allocation Bureau

Enclosures

MICROFILMED  
AUG 08 2001





**State of Idaho**

**DEPARTMENT OF WATER RESOURCES**

**1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098**

**Phone: (208) 327-7900 FAX: (208) 327-7866**

June 6, 2001

**DIRK KEMPTHORNE**  
GOVERNOR

**KARL J. DREHER**  
DIRECTOR

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

RE: Permit No. 31-11697

**Permit Approval Notice**

Dear Permit Holder:

The Department of Water Resources has issued the enclosed permit authorizing you to establish a new water right. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a PRELIMINARY ORDER issued by the Department pursuant to Section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

Enclosed is a form entitled 'Instructions for Proof of Beneficial Use.' Please read the instructions carefully since you must take further action to develop this permit into a licensed water right. Also enclosed is a form entitled 'Proof of Beneficial Use.' If your project is already completed, you should complete and submit this form immediately.

The right to drill a well is not a part of this permit to appropriate water. Beginning in July of 1987, a statute was enacted which requires a drilling permit for new well construction and deepening of existing wells. If the well(s) proposed for use under this water right permit were drilled or deepened after July 1, 1987, a separate drilling permit must be obtained from this Department. Please contact the Ground Water Protection Section located here at this office or our regional office nearest you.

Please note that one of the conditions of approval on your permit requires that you measure your diversion and record other important hydrologic and physical features and report them annually to the Department. The Department will shortly send you further information about measuring devices, flow estimation using power records, and annual reporting forms. If you have questions about the measuring and reporting requirements, please call the Department at (208) 327-7900 and ask for someone in the Water Distribution Section.

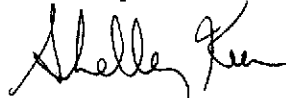
**MICROFILMED**

**JUN 14 2001**

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-327-7946.

Sincerely,

A handwritten signature in cursive script, appearing to read "Shelley Keen".

Shelley W. Keen

Water Rights Supervisor

SWK:klt

Enclosure(s)

MICROFILMED

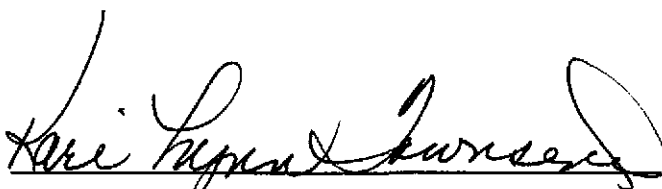
JUN 14 2001

## CERTIFICATE OF MAILING

I hereby certify that on June 6, 2001 I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER(Approved Permit) to the person(s) listed below:

RE: WATER RIGHT NO. 31-11697

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

A handwritten signature in black ink, appearing to read "Kari Lynn Townsend", is written over a horizontal line.

Kari Lynn Townsend  
Secretary

MICROFILMED

JUN 14 2001

**EXPLANATORY INFORMATION  
TO ACCOMPANY A  
PRELIMINARY ORDER**

The accompanying order or approved document is a "**Preliminary Order**" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

**PETITION FOR RECONSIDERATION**

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

**EXCEPTIONS AND BRIEFS**

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

**REQUEST FOR HEARING**

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

**ORAL ARGUMENT**

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

**CERTIFICATE OF SERVICE**

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

**MICROFILMED**  
**JUN 14 2001**

### FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

### APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

MICROFILMED  
JUN 14 2001



**APPLICATION FOR PERMIT  
STATE OFFICE ANALYSIS**

Reviewed by Sharla Curtis on 6/1/01

No. 31-11697 Name: Ashcraft Corp. Officers N/A Ad ok ✓ Govt Lots       

AREA OF CONCERN: No/Yes ESPA Moratorium        GWMA        TRUST/NON-TRUST       

**GROUNDWATER:** (✓Flow Chart)

**DRILLING PERMIT**

All wells - 046  
Basin 34 - 084 (if necessary)  
WMD - North/East/West  
≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres - 067  
~~WMD~~  
Supp irr (irr = only use) - 065-104  
Supp irr (+ other uses) - 100-105  
≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres - 01M

**LOCATION:**

Boise Front LoGeo - 058 (<85 GW)  
Mitigation - 121  
  
Trust - 051(consumptive uses)  
Non-Trust - 048-049 (consumptive uses or non-cons. > 1.0 cfs)

**USES:**

~~STORAGE~~ - 18A-01H-01P-18B-NA  
IRR ≤ 5 ac - R66/R67/R68/R69 (0.03 cfs/ac)  
> 5 ac - R62/R63/R64/R65 (0.02 cfs/ac)  
STOCKWATER - R37 (BLM/FS)  
MINING - 054-106  
FISH PROP - 029 (70's only)-007-042-106  
HEAT/COOL - R07 (injection well)  
FIRE PROT - 077  
COMMERCIAL/  
INDUSTRIAL - 106-R07  
DAIRY - 082-WD8

**BENEFICIAL USE DUE:** 9/01/2001

**MISC CONDITIONS/REMARKS:**

Protested - 020-W19  
Development Period  
> 1 yr - 26A  
Ownership - 004  
Non-consumptive - 027  
Water Quality - 106-R07

**SURFACE WATER:** (✓Flow Chart)

F&G contacted - Yes/No Response         
In/Above MSF - WB9

**PLANNING REVIEW/RESPONSE**

WD - R04 (WD#       )  
≤ 0.20 cfs/others - 01H(P01), 01P or No MD  
> 0.20 cfs - 01J

**SPRINGS/SINK, INACTIVE WD or WD**

≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres - 01M or No MD

**RIVER BASINS:** (SW special considerations)

Snake R (01) - W22, N/A  
(02,03) - 007 (w/ remark WB9 if above Weiser)  
Payette R (65) - W22, 047 (Payette Lake)  
Salmon R (70's) - 029 (fish screens)  
Weiser R (67) - 086-087

**USES:**

POWER - 17H or 17K (+uses)-17G (not under FERC)  
or 17M (FERC regulated >25 cfs or 500hp)  
08A-025-027-01N-106-W13(if dewatering stream)  
  
MUNICIPAL  
Restricted area - 022,075  
Irr., GW supp to SW - 102  
  
DOMESTIC  
Surface water - WB5 (Big Wood or Boise above Star Bridge)  
27A (Payette R)  
>1 in restricted area - 070-071-075(no parks/common areas, etc)  
Irr use listed separate  
or none allowed - WB5  
Moratorium approvable - W03 (2500 gpd - meets domestic definition  
i.e. D/convenience store)

**IRRIGATION SEASON** 4/1 - 10/31 (Per updated map)

**IRR VOLUME/ACRE** 3.5

**OTHER CONDITIONS/REMARKS**

**COMMENTS**

Other nt = gw also, this filing just picks up  
addl capacity

Dist. for staffing ~~328~~  
Submitted for advertising 329-01

Form No. 202  
4/87

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
APPLICATIONS FOR PERMIT ANALYSIS PERMIT

Ashcraft  
INITIAL REVIEW BY HWT DATE 3-29-01 APPLICATION NO. 31-11697

**REQUIRED INFORMATION**

- ☒ Name (If applicant is a corporation or partnership, names must be provided for the director, officers, & other partners.)  
☒ Address  
☒ Source (See USGS Quad for names of water sources)  
☒ Point of Diversion (10 acres for spring, lot & block descriptions for subdivisions, local name, flow and/or volume)  
☒ County  
☒ Quantity (flow and/or volume)  
☒ Period of Use  
☒ Nature of proposed use (Include description of use.)  
☒ Description of diverting works  
☒ Time required for beneficial use of water  
☒ Place of use or acres irrigated  
☒ Map  
☒ Signature (If applicant is corp., partnership, or municipality, title of signatory is required)  
☒ Fee  
☒ Yes ☐ No\* In form to receipt

RECEIVED

MAY 28 2001

Department of Water Resources

**ADDITIONAL INFORMATION**

- ☒ Overlapping place of use (Describe source & relationship to present application on the back.)  
Overlapping point of diversion  
Yes ☐ No ☐ Field check required  
Field check by \_\_\_\_\_  
Yes ☐ No ☐ Field report attached  
Yes ☐ No ☐ Critical groundwater area  
Yes ☐ No ☐ Groundwater management area  
Yes ☐ No ☐ Send dam safety information  
Yes ☐ No ☐ Send power requirement letter  
Yes ☐ No ☐ Send fish farm requirement letter  
Yes ☐ No ☐ Power residency affidavit  
Yes ☐ No ☐ Power efficiency form  
Yes ☐ No ☐ Within trustwater boundary (If yes, attach trust water supplementary analysis sheet.)  
Yes ☒ No ☐ Diversion greater than 5 cfs or 500 acre ft. (If yes, attach large diversion supplementary analysis sheet.)  
See reverse side for additional information

\*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT \_\_\_\_\_

\_\_\_\_\_ Date Requested \_\_\_\_\_

PROCESSING ☒ Yes ☐ No In form for advertising  
☐ Yes ☒ No Statewide advertising  
☒ Yes ☐ No Fee amount, receipt date & No. recorded on application

SEND COPIES TO ☐ Idaho Dept. of Health & Welfare ☐ U.S. BLM  
☐ Idaho Dept. of Fish & Game ☐ U.S. Forest Service  
☐ Idaho Dept. of Lands ☐ Water District  
☐ Adjudication Bureau Unit ☐ Other \_\_\_\_\_

**FINAL REGIONAL PROCESSING REVIEW**

☒ Yes ☐ No Affidavit of publication received  
☒ Yes ☐ No Application published correctly. If not, record action taken.

☒ Yes ☐ No Publication dates & paper, recorded on application  
☐ Yes ☒ No Protests received  
Final date for protest \_\_\_\_\_  
☐ Yes ☐ No Protests, dates, resolution of protest, recorded on application  
☐ Yes ☐ No Recommendations, attached  
☐ Yes ☐ No Measuring device required  
☐ Yes ☐ No Access port required  
☐ Yes ☐ No Will water be delivered by watermaster? If yes, what Dist. \_\_\_\_\_  
☐ Yes ☐ No Special conditions of approval or cover letter below. \_\_\_\_\_

\_\_\_\_\_ See below for additional information  
Date of priority recommended \_\_\_\_\_  
By \_\_\_\_\_ Date \_\_\_\_\_

**STATE OFFICE REVIEW**

\_\_\_\_\_ See below for additional information  
By \_\_\_\_\_ Date \_\_\_\_\_

**ADDITIONAL INFORMATION**

This is an application for pre-1987 development.

See 1987 Avenue map & Irrigation ~~Co~~ Company invoice.

*[Signature]*

LOCAL PUBLIC INTEREST

Comments received from

|                                |                                           |                                       |
|--------------------------------|-------------------------------------------|---------------------------------------|
| <u>          </u> City         | <u>          </u> Idaho Fish & Game       | <u>          </u> Irrigation District |
| <u>          </u> County       | <u>          </u> Idaho Health & Welfare  | <u>          </u> Canal Company       |
| <u>          </u> Reservations | <u>          </u> Division of Environment | <u>          </u> Other               |

## Project impacts/implications report

**COMMENTS**

[illegible]

# AFFIDAVIT OF PUBLICATION

State of Idaho )  
 ) ss  
County of Jefferson )

I, Terry Carr  
of the Jefferson Star, published weekly at  
Rigby, Jefferson County, Idaho, do  
solemnly swear that the

Application for Permits  
a copy of which notice appears attached  
hereto, was published in the regular and  
entire issue of said newspaper, and not in  
any supplement issue thereof for 2  
consecutive issues, the first publication  
having been made on 7-18-01  
and the last publication having been made  
on 7-25-01.

Further, that said newspaper is one of  
general circulation in said county; that it is a  
legal newspaper, conforming to legal  
specifications under the Idaho Statutes; that  
it has at least two hundred bona fide  
subscribers living within the county of  
publication; and that it has been  
continuously and uninterruptedly published  
in said county during a period of seventy-  
eight consecutive weeks prior to the first  
publication of the said notice.

Terry Carr

On this 25th day of April  
in the year of 2001, before me, a  
Notary Public, personally appeared

Terry Carr,

known or identified to me to be the person  
whose name subscribed the within  
instrument, and being by me first duly  
sworn, declared that the statements therein  
are true, and acknowledged to me that she  
executed the same.

Crystal Foster  
Notary Public of Idaho

Residing at 1032 N. 1100 E.

My commission expires March 8, 2005

## APPLICATION FOR PERMITS

The following application(s) have  
been filed to appropriate the public  
waters of the State of Idaho:

31-11697  
HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY, ID 83448  
Point(s) of Diversion NENENE S5  
T06N R36E, JEFFERSON County  
Source GROUND WATER  
Use: IRRIGATION 04/01 To  
10/31 0.88 CFS  
Total Diversion: 0.88 CFS  
Date Filed: 03/29/2001  
Place Of Use: IRRIGATION  
T06N R36E S4 NWNW  
T06N R36E S5 NENE  
T07N R36E S32 SESE  
T07N R36E S33 SWSW  
Number of Acres 133  
This application is a pre-1987  
development.

Permits will be subject to all prior  
water rights. Protests may be sub-  
mitted based on the criteria of Sec  
42-203A, Idaho Code.

Any protest against the approval  
of this application must be filed  
with the Director, Dept. of Water  
Resource, Eastern Region, 900 N  
Skyline Dr. Ste A, Idaho Falls, ID  
83402 together with a protest fee  
of \$25.00 for each application on or  
before May 7, 2001. The protes-  
tant must also send a copy of the  
protest to the applicant.

KARL J DREHER, Director  
Published in the Jefferson Star,  
Rigby, Idaho, April 18 and 25,  
2001.

RECEIVED

MAY 3 2001

Department of Water Resources  
Eastern Region

MICROFILMED

JUN 14 2001



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

EASTERN REGION

April 05, 2001

DIRK KEMPTHORNE  
GOVERNOR

KARL J. DREHER  
DIRECTOR

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

RE: Application for Permit No 31-11697

Dear Applicant(s):

The Department of Water Resources acknowledges receipt of your water right application. Please refer to the above referenced number in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the Jefferson Star on April 18 and 25, 2001. Submittal of protests to this application will be allowed for a period ending ten days after the second publication.

If the application is protested you will be sent a copy of the protest(s). All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

Please feel free to contact this office if you have any questions.

Sincerely,

Harold W Jones  
Water Right Supervisor

HWJ:sc

MICROFILMED

JUN 14 2001



State of Idaho

## DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

### EASTERN REGION

April 05, 2001

DIRK KEMPTHORNE  
GOVERNOR

KARL J. DREHER  
DIRECTOR

Legal Notice Department  
JEFFERSON COUNTY STAR  
PO BOX 37  
RIGBY ID 83442

RE: Application for Permits

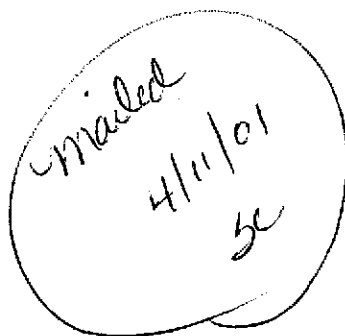
#### Dear LEGAL NOTICE DEPARTMENT:

Enclosed you will find a legal notice which we wish to have published in your newspaper on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before May 7, 2001. Your cooperation is appreciated.

Sincerely

Sharla Cox  
Administrative Assistant



MICROFILMED

JUN 14 2001

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

31-11697

HELEN F ASHCRAFT  
2983 E 2000 N  
SUGAR CITY ID 83448

Point(s) of Diversion NENENE S5 T06N R36E, JEFFERSON County  
Source GROUND WATER

Use: IRRIGATION 04/01 To 10/31 0.88 CFS

Total Diversion: 0.88 CFS

Date Filed: 03/29/2001

Place Of Use: IRRIGATION

T06N R36E S4 NWNW

T06N R36E S5 NENE

T07N R36E S32 SESE

T07N R36E S33 SWSW

Number of Acres 133

This application is a pre-1987 development.

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec 42-203A, Idaho Code.

Any protest against the approval of this application must be filed with the Director, Dept. of Water Resource, Eastern Region, 900 N Skyline Dr Ste A, Idaho Falls ID 83402 together with a protest fee of \$25.00 for each application on or before May 7, 2001. The protestant must also send a copy of the protest to the applicant.

KARL J DREHER, Director

Published on April 18 and 25, 2001

MICROFILMED

JUN 14 2001