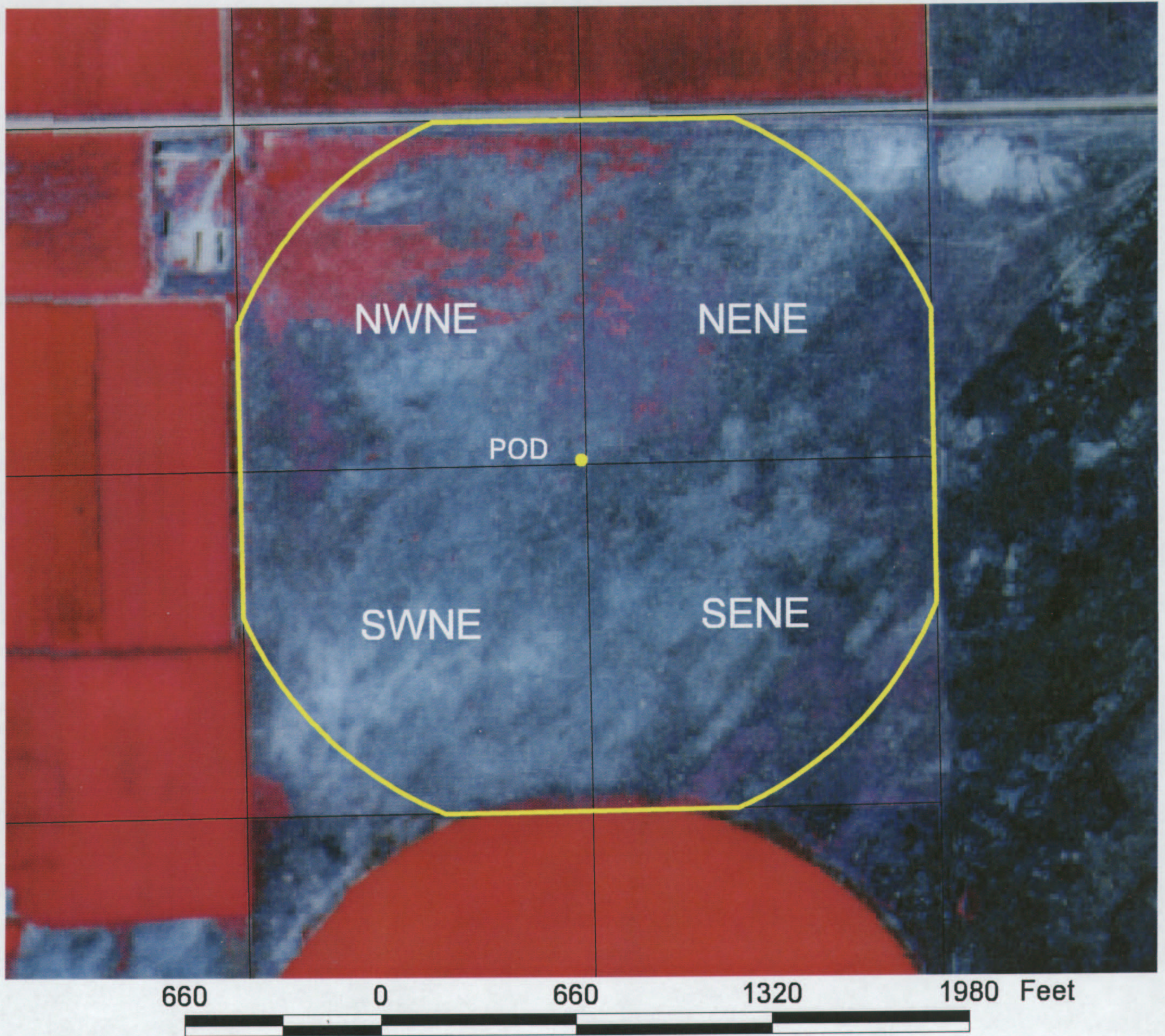


# 31-02381B

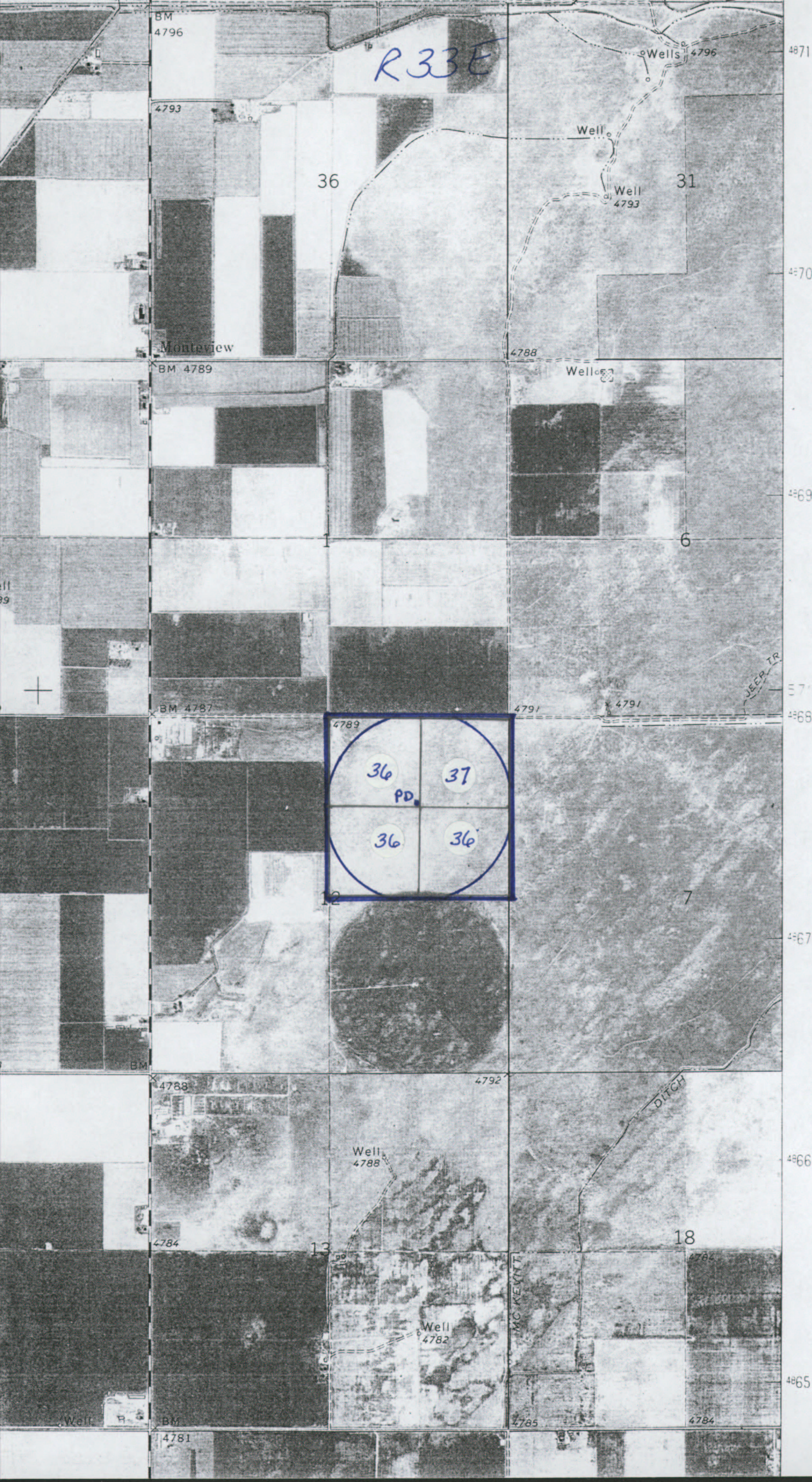


## T07N R33E S12

Map prepared by: Carter Fritschle  
Date prepared: 05-06-99  
1987-1988 NAPP photography



A31-02381B



T8N  
T7N  
R34E

W38  
Photo taken  
8-24-1980

Claim identification no. A31-02381B



CA 10-7-94

Looking SE. at pivot tower



CA 10-7-94

Looking north at well, pump & pivot tower from  
approximately 50 ft. south of well.

NHEL

④

128.6

NHEL

NHEL

②

30.0

⑤

5.3 NHEL

③

27.2

319

③

NHEL

3

NHEL

①

78.3

NHEL

2

NHEL

④

32.4

NHEL

⑥

79.1

⑦

32

12

7

Dry

Dry

NHEL

⑤

23.4

Hay  
stacks

772

⑦

See Map F-5

F-5

36

37

Red point

36

36

⑧

138.2 NHEL

Dry

Dry

T 7 N

R 33 E

CA 10-19-94

1987 photo

A31-02381B

12/06/2000

IDAHO DEPARTMENT OF WATER RESOURCES  
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 31-2381B

NAME AND ADDRESS: MILLIE HARTWELL  
2298 N 800 E  
MONTEVIEW, ID 83435

SOURCE: GROUND WATER

QUANTITY: 2.03 CFS  
507.5 AFY

PRIORITY DATE: 07/14/1960

POINT OF DIVERSION: T07N R33E S12 SENWNE Within JEFFERSON County

PURPOSE AND  
PERIOD OF USE:

| <u>PURPOSE OF USE</u> | <u>PERIOD OF USE</u> | <u>QUANTITY</u>       |
|-----------------------|----------------------|-----------------------|
| IRRIGATION            | 4-01 11-01           | 2.03 CFS<br>507.5 AFY |

PLACE OF USE:

IRRIGATION Within JEFFERSON  
County

|               |      |    |               |      |    |
|---------------|------|----|---------------|------|----|
| T07N R33E S12 | NENE | 37 | T07N R33E S12 | NWNE | 36 |
| T07N R33E S12 | SWNE | 36 | T07N R33E S12 | SENE | 36 |

145 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS  
NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT  
ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY  
DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE  
ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO  
CODE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
ADJUDICATION CLAIM VERIFICATION REPORT

15:12:05  
10/18/94

PAGE: 16  
QUICKLOOK INFORMATION

16  
CLAIM NUMBER: A31-02381B

| WR ELEMENT                | DATA<br>DISCREPANCY<br>Y/N | CORRESPONDENCE<br>SENT/RECEIVED<br>BY WHOM/DATE | FIELD EXAM<br>BY WHOM/DATE | CHANGE<br>CLAIM<br>Y/N | COMPLETED<br>REVIEW<br>WHOM/DATE | COMPLETED<br>DATA ENTRY<br>WHOM/DATE | ELEMENT<br>DOCUMENTED<br>WHOM/DATE | VERIFIED<br>DATE<br>WHOM/DATE |
|---------------------------|----------------------------|-------------------------------------------------|----------------------------|------------------------|----------------------------------|--------------------------------------|------------------------------------|-------------------------------|
| PRIORITY DATE             |                            |                                                 |                            |                        |                                  |                                      |                                    |                               |
| POINT OF DIV              |                            |                                                 | CF 10-17-94                | N                      | CF 10-19-94                      | CF 10-19-94                          | CF 10-18-94                        | CF 10-19-94                   |
| SOURCE                    |                            |                                                 |                            | Y                      |                                  |                                      |                                    |                               |
| PLACE OF USE              |                            |                                                 |                            | N                      |                                  |                                      |                                    |                               |
|                           | Y                          |                                                 |                            | Y                      |                                  |                                      | CF 10-19-94                        |                               |
| DIV. AMOUNT<br>CFS/VOLUME |                            |                                                 |                            | Y                      |                                  |                                      |                                    |                               |
| CONSUMPTIVE USE           |                            |                                                 |                            | Y                      |                                  |                                      |                                    |                               |
| PURPOSES OF USE           |                            |                                                 |                            | N                      |                                  |                                      |                                    |                               |
| PERIOD OF USE             |                            |                                                 |                            | Y                      |                                  |                                      |                                    |                               |
| BASIS OF CLAIM            |                            |                                                 |                            | N                      |                                  |                                      | CF 10-18-94                        |                               |
| REMARKS                   | Y                          |                                                 |                            | N                      |                                  |                                      | CF 10-19-94                        |                               |

BARCODE UPDATED  
WHOM/DATE

CF 10-19-94

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
ADJUDICATION CLAIM VERIFICATION REPORT

15:12:05  
10/18/94

PAGE: 1  
GENERAL INFORMATION

1  
CLAIM NUMBER: A31-02381B

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LAST: HARTWELL  
ADDRESS:  
CITY: X  
PHONE NUMBER: 208-000-0000

FIRST: JOE  
STATE: ID ZIP: 0

OWNER CODE: 0

LAST: HARTWELL  
ADDRESS: 2298 N 800 E  
CITY: MONTEVIEW  
PHONE NUMBER: 208-657-2210

FIRST: MILLIE  
STATE: ID ZIP: 83435

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

NO REMARKS IN CLAIM

DATABASE  
N

FIELD  
EXAMINER

*N*

PAGE: 2  
FIELD EXAMINATION INFORMATION

2  
CLAIM NUMBER: A31-02381B

CONTACT PERSON: Millie Hartwell

PHONE NUMBER: ( ) -

DATE OF FIELD EXAM: 10/7/94 APPOINTMENT MADE: Y( ) N(X)

TIME: : A( ) P( )

ACCOMPANIED BY: Bret Hartwell

PHONE NUMBER: ( ) -

RELATIONSHIP TO CLAIMANT: SON

DIRECTIONS TO PROPERTY / NOTES:

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A. AJ CLAIM: # A31-02381B PRIORITY DATE: 07-14-1960 STAGE: L

B. WR RECORD: # 31-02381B PRIORITY DATE: 07-14-1960 STAGE: L

C. CAN THE PRIORITY DATE CLAIMED BE CONFIRMED BY A DECREE OR LICENSE? Y(☒) N(☐)

D. HAS THERE BEEN A LATER COURT DECREE OF THE WATER RIGHT(S) FROM THIS WATER SOURCE? Y(☐) N(☒)

E. IS THERE ANY INDICATION THAT THERE HAS BEEN A FIVE YEAR PERIOD OF CONTINUOUS NONUSE?  
(IF YES, DESCRIBE BELOW) Y(☐) N(☒)\*

F. IF THIS CLAIM IS BASED ON A PERMIT, WHERE IS THE PERMIT IN THE LICENSING PROCESS?

PROOF OF BENEFICIAL USE SUBMITTED N/A(☒) Y(☐) N(☐)

FIELD EXAM COMPLETED N/A(☒) Y(☐) N(☐)

FIELD EXAM SENT TO STATE OFFICE N/A(☒) Y(☐) N(☐)

LICENSE ISSUED N/A(☒) Y(☐) N(☐)

\* IF THE PERMIT WILL NOT BE LICENSED PRIOR TO THE DIRECTOR'S REPORT,  
USE CONDITION CODE A01 AND RECOMMEND AS PERMITTED.

G. IF THIS CLAIM IS BASED ON BENEFICIAL USE, IS ADDITIONAL EVIDENCE  
OF THE PRIORITY DATE REQUIRED? N/A(☒) Y(☐) N(☐)

\* FOR CLAIMS BASED ON BENEFICIAL USE, DESCRIBE THE EVIDENCE OF PRIORITY SUBMITTED,  
INCLUDING THE ANALYSIS OF THE EVIDENCE.

H. IS THE STAGE OF THE CLAIM CODED CORRECTLY? Y(☒) N(☐)

NOTES: \* Land does not appear irrigated on O.G. W38 (Photo taken  
8-24-1980). NAPP W38 NE indicates a possible attempt to  
irrigate at least a portion of the NE 1/4 of Sec. 1.  
Transfer No. 3783 approved 5-10-91 allowed drilling a  
new well in Sec. 1 to eliminate the conveyance loss  
from the original P.O.D. Therefore, it is assumed that  
the original P.O.D. would no longer supply sufficient water  
to supply the P.O.U. and forfeiture will not be considered  
because water was not available at the source.

RECOMMENDED PRIORITY DATE:

07-14-1960

REVIEWED BY CT

DATE 10-18-94

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

| RIGHT      | TWP. | RGE. | SEC. | 1/4 | 1/4 | 1/4 | LOT | POD<br>FLAG | COUNTY    | DIVERSION NAME | DIVERSION NUMBER |
|------------|------|------|------|-----|-----|-----|-----|-------------|-----------|----------------|------------------|
| A31-02381B | 07N  | 33E  | 12   |     | NW  | NE  |     |             | JEFFERSON |                |                  |

OTHER AJ CLAIMS WITH SAME AJ POD  
A PREFIX R PREFIX  
NONE NONE

WR RECORDS IN SAME 40 ACRE TRACT  
NONE

SOURCE: GROUNDWATER

TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

| RIGHT     | TWP. | RGE. | SEC. | 1/4 | 1/4 | 1/4 | LOT | POD<br>FLAG | COUNTY    | DIVERSION NAME | DIVERSION NUMBER |
|-----------|------|------|------|-----|-----|-----|-----|-------------|-----------|----------------|------------------|
| 31-02381B | 07N  | 33E  | 12   |     | NW  | NE  |     |             | JEFFERSON |                |                  |

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT  
A PREFIX R PREFIX

NONE

NONE

NONE

SOURCE: GROUNDWATER

TRIB:

C. IS THE CLAIMED POD WITHIN THE SAME 40 ACRE TRACT THAT IS DESCRIBED IN THE WATER RIGHT FILE? N/A( ) Y(☒) N( )

\* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN POD, DESCRIBE THE INJURY  
ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

D. CAN THE CLAIMED POD BE VERIFIED USING THE WATER RIGHT FILE OR GPS DATA? N/A( ) Y( ) N(☒)

E. SHOULD THE CLAIMED POD BE VERIFIED BY FIELD EXAM? Y(☒) N( )

F. IS THE CLAIMED SOURCE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A( ) Y(☒) N( )

\* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN SOURCE, DESCRIBE THE INJURY  
ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

G. CAN THE CLAIMED SOURCE BE VERIFIED USING THE WATER RIGHT FILE? Y( ) N(☒)

H. SHOULD THE CLAIMED SOURCE BE VERIFIED BY FIELD EXAM? Y(☒) N( )

I. HOW WAS THE POD AND SOURCE VERIFIED?

LICENSING FIELD EXAM (DATE OF FIELD EXAM \_\_\_\_\_) Y( ) N(☒)

AJ FIELD EXAM (DATE OF FIELD EXAM 10-7-94 NAME OF EXAMINER C. Fritschle) Y(☒) N( )

OTHER (DESCRIBE IN NOTES BELOW)

NOTES: Assumed the pivot tower was in the center of the  
NE 1/4 of sec. 1, and therefore the well which is located  
north west of the pivot would be in the SENE 1/4 sec. 1.  
It was foggy during the exam, so no reference points could  
be used. Transfer no. 3783 changed p.o.d. to this location.

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE: CHECK HERE IF RECOMMENDED AS CLAIMED ( )

| TWP.      | RGE.       | SEC.      | 1/4       | 1/4       | 1/4       | LOT | POD<br>FLAG | COUNTY           | DIVERSION NAME | DIVERSION NBR |
|-----------|------------|-----------|-----------|-----------|-----------|-----|-------------|------------------|----------------|---------------|
| 07N       | 33E        | 12        |           | NW        | NE        |     |             | JEFFERSON        |                |               |
| <u>7N</u> | <u>33E</u> | <u>12</u> | <u>SE</u> | <u>NW</u> | <u>NE</u> |     |             | <u>Jefferson</u> |                |               |
|           |            |           |           |           |           |     |             |                  |                |               |
|           |            |           |           |           |           |     |             |                  |                |               |
|           |            |           |           |           |           |     |             |                  |                |               |
|           |            |           |           |           |           |     |             |                  |                |               |
|           |            |           |           |           |           |     |             |                  |                |               |

SOURCE: GROUNDWATER

TRIB:

REVIEWED BY: CA

DATE: 10-18-94

SYSTEM DESCRIPTION: DESCRIBED BELOW (X), SEE LICENSE FILE ( ), OR SEE ATTACHMENT ( )

Well with turbine pump and 150 HP motor. Center pivot

A. ROOT WATER RIGHT NUMBERS: A31-02381A  
A31-02381B  
A31-02381C  
A31-02381D

B. POU LISTING

| TWP | RNG | SEC | 1/4 | 1/4 | LOT | NAME             | AJ<br>#/ACRES    | WR<br>#/ACRES   | LANDSAT<br>DATA | FIELD<br>EXAM. | RECOMM.<br>ACRES |
|-----|-----|-----|-----|-----|-----|------------------|------------------|-----------------|-----------------|----------------|------------------|
| 07N | 33E | 12  | NE  | NE  |     | HARTWELL, MILLIE | A31-02381B /37.0 | 31-02381B /37.0 |                 | 35             | 35               |
| 07N | 33E | 12  | NW  | NE  |     | HARTWELL, MILLIE | A31-02381B /36.0 | 31-02381B /36.0 |                 | 35             | 35               |
| 07N | 33E | 12  | SW  | NE  |     | HARTWELL, MILLIE | A31-02381B /36.0 | 31-02381B /36.0 |                 | 35             | 35               |
| 07N | 33E | 12  | SE  | NE  |     | HARTWELL, MILLIE | A31-02381B /36.0 | 31-02381B /36.0 |                 | 35             | 35               |

ADDITIONAL POU FOUND

Rec. as recorded  
in WA. database

37

36

36

36

GIS acreage = 140

TOTAL ACRES

A31-02381B

145.00

145.00

140

140

145

POU COUNTY: JEFFERSON

C. IS WATER USAGE FOUND IN TRACTS OTHER THAN THOSE CLAIMED?

Y( ) N(X)

\* IF YES, ARE THESE TRACTS LISTED ABOVE ( ), OR ARE THEY LISTED ON AN ATTACHED SHEET ( )

LIST OF ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

NO CLAIMS FOUND WITH SAME POU AND IRRIGATION USAGE

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

D. ARE OTHER WATER RIGHTS USED FOR THE SAME PURPOSE?

Y( ) N(X)

\* IF YES, COMPLETE OVERLAP REVIEW:

OTHER RIGHTS LISTED IN CLAIM: NONE

E. IS THE CLAIMED POU THE SAME AS DESCRIBED IN THE WATER RIGHT FILE?

N/A( ) Y(☒) N( )

\* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN POU, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

F. CAN THE CLAIMED POU BE VERIFIED USING THE WATER RIGHT FILE AND AVAILABLE AERIAL PHOTOS?

N/A( ) Y( ) N(☒)

G. SHOULD THE CLAIMED POU BE VERIFIED BY FIELD EXAM?

Y(☒) N( )

H. IS THERE ANY INDICATION THAT THERE HAS BEEN A FIVE YEAR PERIOD OF CONTINUOUS NONUSE OF THIS RIGHT, OR ANY PORTION OF THIS RIGHT?

Y( ) N(☒) See page 3

CHECK DOCUMENTS USED TO VERIFY POU: (X) ORTHOPHOTOQUAD, IDWR NO. W38; ( ) TOPOGRAPHIC QUAD, IDWR NO. \_\_\_\_\_;

(X) NAPP, IDWR NO. W38 NE; (X) ASCS PHOTO; ( ) OTHER \_\_\_\_\_

NOTES: Corners are not irrigated - ASCS shows the pivot  
irrigates 138.2 acres. This was rounded to 35  
acres per 1/4 1/4 for a total of 140 acres.

Recommend as recorded per Transfer No. 3783

RECOMMENDATIONS:

TOTAL ACRES: 145 CA 5-6-99  
140 N/A( )

REVIEWED BY: CA DATE: 10-19-94

A. AJ CLAIMED USES:

| PURPOSE OF USE              | PERIOD OF USE (MONTH/DAY) | DIV. RATE FOR EACH USE | DIV. VOL. FOR EACH USE |
|-----------------------------|---------------------------|------------------------|------------------------|
| A31-02381B IRRIGATION       | FROM 04-01 TO 11-01       | 2.030 CFS              |                        |
| TOTAL DIVERSION RATE/VOLUME |                           | 2.030 CFS              |                        |

B. WR RECORDED USES:

| PURPOSE OF USE              | PERIOD OF USE (MONTH/DAY) | DIV. RATE FOR EACH USE | DIV. VOL. FOR EACH USE |
|-----------------------------|---------------------------|------------------------|------------------------|
| 31-02381B IRRIGATION        | FROM 04-01 TO 11-01       | 2.030 CFS              |                        |
| TOTAL DIVERSION RATE/VOLUME |                           | 2.030 CFS              |                        |

C. DOES THE CLAIMED PURPOSE OF USE CORRECTLY DESCRIBE THE WATER USE? Y(☒) N(☐)

D. IS THE CLAIMED PURPOSE OF USE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A(☐) Y(☒) N(☐)

\* IF NO, AND IF THE ACTUAL WATER USE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN PURPOSE OF USE, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

E. SHOULD THE CLAIMED PURPOSE OF USE BE VERIFIED BY FIELD EXAM? Y(☒) N(☐)

F. DOES THE CLAIMED PERIOD OF USE CONFORM TO IDWR STANDARDS? Y(☐) N(☒)

G. SHOULD THE PERIOD OF USE BE RECOMMENDED TO IDWR STANDARDS? Y(☒) N(☐)

\* IF THE RECOMMENDED PERIOD OF USE IS DIFFERENT THAN IDWR STANDARDS, EXPLAIN IN NOTES BELOW.

H. IS THE CLAIMED DIVERSION RATE FOR EACH USE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A(☐) Y(☒) N(☐)

\* IF NO, DESCRIBE IN NOTES BELOW HOW THE RECOMMENDED DIVERSION RATE FOR EACH USE WAS DETERMINED.

I. SHOULD THE CLAIMED DIVERSION RATE FOR EACH USE BE VERIFIED BY FIELD EXAM? N/A(☐) Y(☒) N(☐)

J. IS THE CLAIMED DIVERSION VOLUME FOR EACH USE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A(☒) Y(☐) N(☐)

\* IF NO, DESCRIBE IN NOTES BELOW HOW THE RECOMMENDED DIVERSION VOLUME FOR EACH USE WAS DETERMINED.

K. SHOULD THE CLAIMED DIVERSION VOLUME FOR EACH USE BE VERIFIED BY FIELD EXAM? N/A(☐) Y(☒) N(☐)

*obtained pump motor size*

NOTES:

Standard period of use 4-15 to 10-15

150 HP motor

Well states static water level is 52 ft (well test does not give a depth for pumping level, but the discharge was estimated at 1000 + GPM.)

$$CFS = \frac{HP (8.8) (Eff.)}{\text{Total Head}}$$

$$\frac{11ft + 2.31(PSI)}$$

$$= \frac{150 (8.8) (0.70)}{250 + 2.31(60)}$$

$$= 2.38 cfs$$

Assume: Eff. = 0.70

PSI = 60

\*11ft = 250'

Well log shows depth of well as 261'. therefore, the 250' lift is probably much greater than the actual lift.

$$2.38 cfs > 2.03 cfs$$

AJ CLAIM TOTAL DIVERSION RATE: 2.030 CFS

WR ROOT RIGHT TOTAL DIVERSION RATE: 2.030 CFS

A. IS THE CLAIMED TOTAL DIVERSION RATE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A( ) Y(☒) N( )

B. CAN THE CLAIMED TOTAL DIVERSION RATE BE VERIFIED USING THE WATER RIGHT FILE? N/A( ) Y( ) N(☒)

\* ALL CLAIMS BASED ON BENEFICIAL USE (INCLUDING POSTED NOTICES AND STATUTORY CLAIMS) REQUIRE A FLOW MEASUREMENT.

C. IS THERE ANY INDICATION THAT THERE HAS BEEN A FIVE YEAR PERIOD OF CONTINUOUS NONUSE OF THIS RIGHT, OR ANY PORTION OF THE DIVERSION RATE?

Y( ) N(☒) *see page 3*

\* IF AN AMOUNT SMALLER THAN THE ORIGINAL DIVERSION RATE IS CLAIMED AND A FIELD EXAM IS NOT REQUIRED, EXPLAIN IN NOTES.

D. SHOULD THE CLAIMED DIVERSION RATE BE VERIFIED BY FIELD EXAM? Y(☒) N( )

E. FLOW MEASUREMENT

MEASUREMENT METHOD See calculation page 10, SEE ATTACHED CALCULATIONS.

F. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE  
ACRES 140 x 0.02 CFS/ACRE = 2.80 CFS  
(Taken from pou review)

1b. CALCULATIONS

IS A DIVERSION RATE PER ACRE GREATER THAN 0.02 CFS/ACRE CLAIMED? Y( ) N(☒)

*2.03 < 2.80*

IF YES, IS AN ADDITIONAL WATER USE FORM FILED AND ATTACHED? Y( ) N( )

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 362.5 AF/A

ACRES 140 x CONSUMPTIVE VOL. AF/A FOR AREA 2.5 =

TOTAL CONSUMPTIVE USE 350 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

ACRES 140 x DIVERSION VOL. AF/A FOR AREA 3.5 =

TOTAL DIVERSION VOLUME 490 AF/A 507.5

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION: SEE BELOW ( ) OR SEE ATTACHMENT ( )

NOTES: From calculations on page 10 it can be assumed that the well produces at least the 2.03 cfs that was transferred to this p.o.d.

WR RECORD CONDITIONS/REMARKS:

- T07 - The change authorized by this transfer shall be accomplished
  - within one (1) year of the date of this approval.
- T08 - Failure to comply with the conditions of this transfer is cause
  - for the director to issue an order to show cause why the approval of the transfer should not be rescinded.
- T09 - Approval of this transfer does not preclude the opportunity for
  - review of the validity of the water right(s) in the ongoing
  - Snake River Basin Adjudication.

RECOMMENDATIONS: CHECK HERE IF RECOMMENDED AS CLAIMED ( )

| REC.<br>PURPOSE OF USE | REC. PERIOD<br>FROM TO | REC. DIV<br>RATE CFS         | REC. DIV<br>VOL. AF/A       | REC. CONS.<br>USE           |
|------------------------|------------------------|------------------------------|-----------------------------|-----------------------------|
| IRRIGATION             | 04-01 11-01 -          | DATABASE 2.030 EXAMINER 2.03 | DATABASE 470 EXAMINER 507.5 | DATABASE 362.5 EXAMINER 350 |
|                        |                        |                              |                             |                             |
|                        |                        |                              |                             |                             |
|                        |                        |                              |                             |                             |
|                        |                        |                              |                             |                             |
| TOTAL FOR THIS RIGHT   |                        | 2.030 2.03                   | 470 507.5                   | 362.5 350                   |

NON-IRRIGATION USES CLAIMED: OK

NON-IRRIGATION USES RECOMMENDED: CHECK HERE IF RECOMMENDED AS CLAIMED (X)

REVIEWED BY: CA

DATE: 10-19-94

FLAG: \_\_\_\_\_

STANDARD CONDITIONS (CODE):

NA

STANDARD REMARKS (CODE):

NA

EXPLANATORY CONDITIONS (CODE):

NA

EXPLANATORY REMARKS (CODE):

NA

CA 10-19-94

A. CHECK ONLY THE FOLLOWING THAT APPLY:

|                              | ACCEPTED<br>AS CLAIMED | NEEDS<br>REVIEW |
|------------------------------|------------------------|-----------------|
| OWNERSHIP _____              | ( )                    | ( )             |
| FORFEIT/ABANDON _____        | ( )                    | ( )             |
| ADDITIONAL DIV. AMOUNT _____ | ( )                    | ( )             |

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 31-02381

|                                   | DATABASE | EXAMINER    | CFS |
|-----------------------------------|----------|-------------|-----|
| TOTAL DIVERSION RATE OF WR SPLITS | 7.350    | <u>7.35</u> |     |

SPLITS:

| OLD RIGHT<br>NUMBERS | CURRENT<br>CLAIM NUMBERS | DIVERSION<br>RATE | CURRENT "R"<br>CLAIM NUM. | "R" DIV.<br>RATE | WR RIGHT<br>NUMBERS | DIVERSION<br>RATE |
|----------------------|--------------------------|-------------------|---------------------------|------------------|---------------------|-------------------|
| 31-02381             | A31-02381B               | 2.030             | -                         |                  | 31-02381            |                   |
| 31-02381A            | A31-02381C               | 4.760             | -                         |                  | -                   |                   |
| 31-02381A            | A31-02381D               | 0.560             | -                         |                  | -                   |                   |
| -                    | -                        |                   | -                         |                  | 31-02381B           | 2.030             |
| -                    | -                        |                   | -                         |                  | 31-02381C           | 4.760             |
| -                    | -                        |                   | -                         |                  | 31-02381D           | 0.560             |
| TOTAL CFS            |                          | <u>7.350</u>      |                           |                  |                     | <u>7.350</u>      |

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)  
IF NO, IS THE WRITTEN REVIEW DESCRIBED BELOW ( ) OR SEE ATTACHMENT( )?

| DATABASE | FIELD<br>EXAMINER                             |
|----------|-----------------------------------------------|
| N        | Y( <input checked="" type="checkbox"/> ) N( ) |

NOTES:

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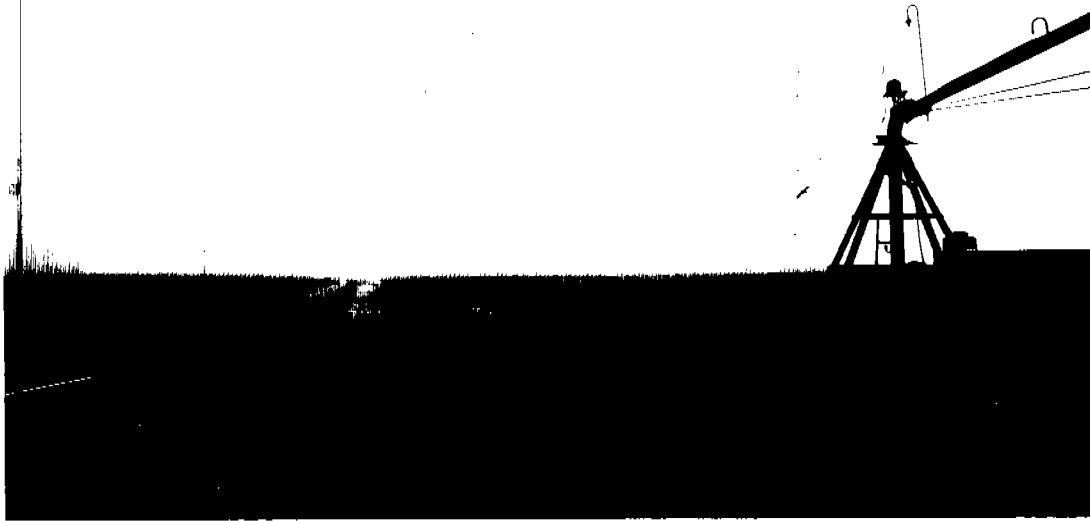
AUTHENTICATION:

SIGNATURE: Carter Fortschle DATE: 10-19-94  
NAME OF FIELD EXAMINER: Carter Fortschle TITLE: W.R. Supervisor  
=====

MAPS AND AERIAL PHOTOGRAPHS USED TO REVIEW THIS NOTICE OF CLAIM TO A WATER RIGHT

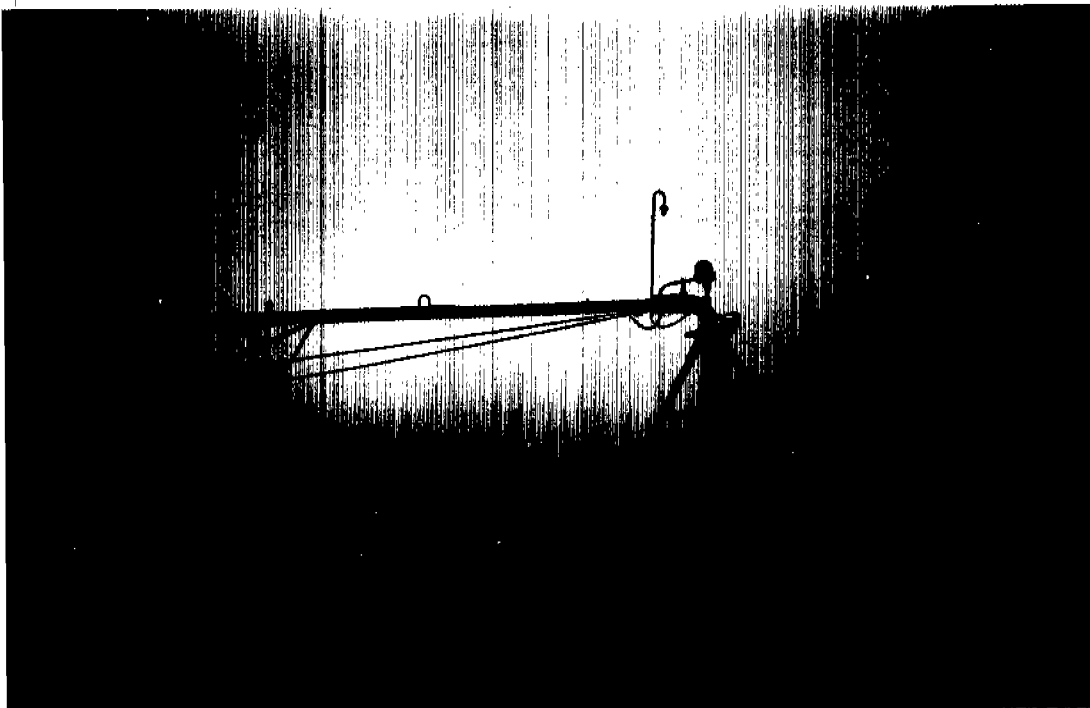
| TYPE OF MAP OR PHOTOGRAPH (CHECK IF USED)                  | IF USED, SUPPLY APPROPRIATE DATE AND OTHER INFORMATION | COPY INCLUDED IN FILE?                                                 |
|------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> ORTHOPHOTOQUAD         | DATE OF PHOTO <u>8-24-80</u> IDWR ID NO. <u>W38</u>    | Y( <input checked="" type="checkbox"/> ) N( <input type="checkbox"/> ) |
| <input type="checkbox"/> TOPOGRAPHIC                       | DATE FIELD CHECKED _____ IDWR ID NO. _____             | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |
| <input checked="" type="checkbox"/> NAPP                   | DATE OF PHOTO <u>7-23-87</u> IDWR ID NO. <u>W38 NE</u> | Y( <input type="checkbox"/> ) N( <input checked="" type="checkbox"/> ) |
| <input checked="" type="checkbox"/> ASCS AERIAL PHOTO      | DATE OF PHOTO <u>1987</u>                              | Y( <input checked="" type="checkbox"/> ) N( <input type="checkbox"/> ) |
| <input type="checkbox"/> ASCS COLOR SLIDE                  | DATE OF PHOTO _____                                    | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |
| <input type="checkbox"/> BLM OR USFS AERIAL PHOTO          | DATE OF PHOTO _____                                    | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |
| <input type="checkbox"/> TOWNSHIP SURVEY (GOVERNMENT PLAT) | DATE OF SURVEY _____                                   | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |
| <input type="checkbox"/> SCS SOIL SURVEY MAP               | DATE ISSUED _____                                      | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |
| <input type="checkbox"/> SUBDIVISION PLAT MAP              | DATE OF MAP _____                                      | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |
| <input type="checkbox"/> OTHER _____                       | DATE _____                                             | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |
| <input type="checkbox"/> OTHER _____                       | DATE _____                                             | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |
| <input type="checkbox"/> OTHER _____                       | DATE _____                                             | Y( <input type="checkbox"/> ) N( <input type="checkbox"/> )            |

| LIST OF ATTACHMENTS (CHECK IF ATTACHED)                      | IF ATTACHED, SUPPLY APPROPRIATE INFORMATION | NO. OF PAGES | NOTES |
|--------------------------------------------------------------|---------------------------------------------|--------------|-------|
| <input checked="" type="checkbox"/> LICENSING FIELD EXAM     | DATE OF FIELD EXAM <u>8-19-65</u>           | <u>2</u>     |       |
| <input checked="" type="checkbox"/> WATER RIGHT LICENSE      | DATE LICENSE SIGNED <u>10-22-65</u>         | <u>1</u>     |       |
| <input checked="" type="checkbox"/> IDWR APPROVED TRANSFER   | DATE TRANSFER APPROVED <u>5-10-91</u>       | <u>6</u>     |       |
| <input type="checkbox"/> SYSTEM DESCRIPTION                  | DATE DRAWN _____                            |              |       |
| <input checked="" type="checkbox"/> PHOTOGRAPHS              | DATE(S) PHOTOS TAKEN <u>10-7-94</u>         | <u>1</u>     |       |
| <input type="checkbox"/> SPLIT RIGHT REVIEW                  | DATE REVIEW COMPLETED _____                 |              |       |
| <input type="checkbox"/> HUBBLE ANALYSIS                     | DATE ANALYSIS COMPLETED _____               |              |       |
| <input type="checkbox"/> CONVEYANCE LOSS ANALYSIS            | DATE ANALYSIS COMPLETED _____               |              |       |
| <input type="checkbox"/> FLOW MEASUREMENT CALCULATIONS       | DATE SYSTEM MEASURED _____                  |              |       |
| <input checked="" type="checkbox"/> OTHER <u>Field Notes</u> | DATE <u>10-7-94</u>                         | <u>1</u>     |       |
| <input checked="" type="checkbox"/> OTHER <u>Well Log</u>    | DATE <u>5-23-91</u>                         | <u>1</u>     |       |



CA 10-7-94

Looking SE. at pivot tower



CA 10-7-94

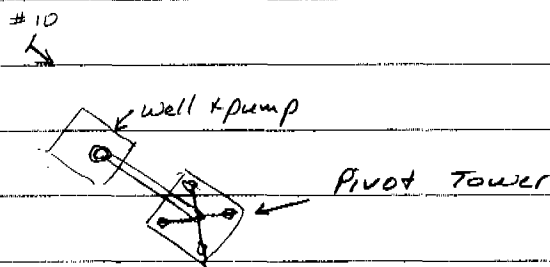
Looking north at well, pump & pivot tower from  
approximately 50 ft. south of well.

Hartwell

10-7-94 CA

Pivot in NW<sup>1</sup>/<sub>4</sub> of Sec. 7

CORNERS NOT IRRIGATED



#10 Looking SE at pivot tower

#11 Looking North at well, pump & pivot tower  
from approx. 50' south of well.

150 HP GE Motor

S.N. NFG042025

Johnston turbine pump

10" discharge pipe

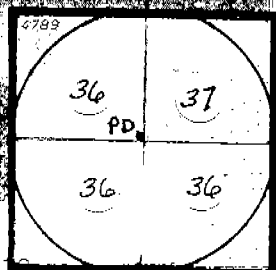
A31-02381B

R33E

T8N

T7N

R34E



W38

Photo taken  
8-24-1980

NHEL

④

128.6

NHEL

②

30.0

③

27.2

⑤

5.3 NHEL

2319

⑧

NHEL

②

3

NHEL

①

78.3

NHEL

③

7.2

NHEL

⑥

79.1

NHEL

④

32.4

⑦

32.

NHEL

⑤

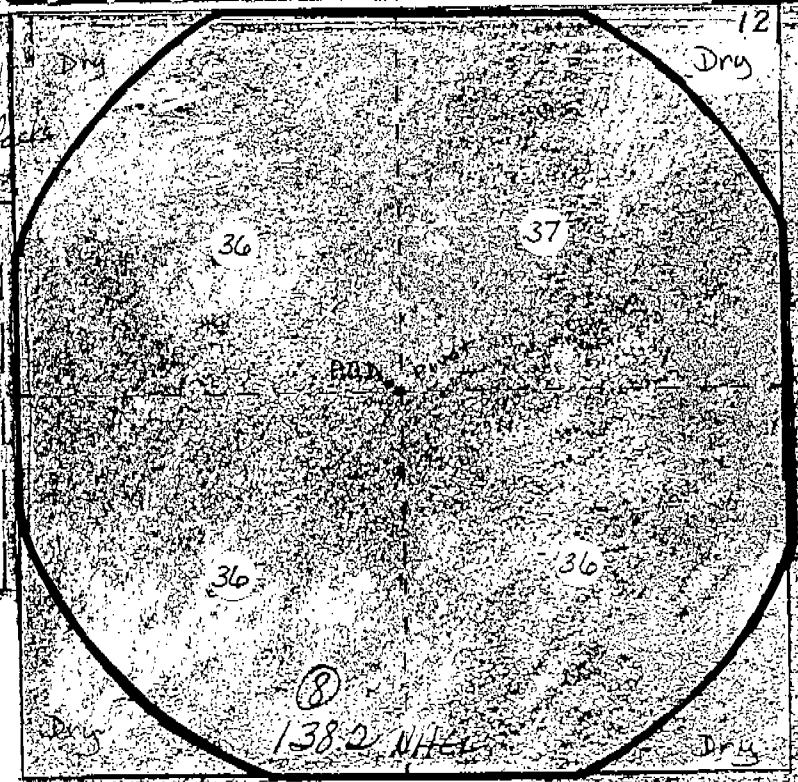
23.4

772

②7

See Map F-5

F-5



T 7 N

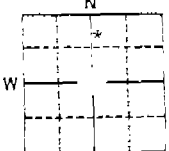
R 33 E

CH 10-19-94

1987 photo

A31-02381B

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**WELL DRILLER'S REPORT**TYPEWRITER OR  
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources  
within 30 days after the completion or abandonment of the well.

| <b>1. WELL OWNER</b><br>Name <u>Millie Hartwell</u><br>Address <u>2298 No. 800 E., Montevideo</u><br>Owner's Permit No. <u>31-91-E-014</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>7. WATER LEVEL</b><br>Static water level <u>52</u> feet below land surface.<br>Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____<br>Artesian closed-in pressure _____ p.s.i.<br>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug<br>Temperature <u>56</u> °F. Quality <u>Good</u><br><small>Describe artesian or temperature zones below.</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                         |              |                    |                  |                 |                 |    |     |    |    |   |   |                   |   |  |  |   |    |                                                                                                                                                                                                                                                                                                                                             |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |                  |  |   |  |    |     |                  |  |   |  |     |     |                  |  |   |  |     |     |                 |  |   |  |     |     |                |   |  |  |     |     |                |  |   |  |     |     |                    |   |  |    |     |     |                  |  |   |  |     |     |                    |   |  |  |     |     |                  |  |   |  |     |     |         |   |  |  |     |     |                  |  |   |  |     |     |         |   |  |  |     |     |               |  |   |
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----------|--|---|--|----|-----|------------------|--|---|--|-----|-----|------------------|--|---|--|-----|-----|-----------------|--|---|--|-----|-----|----------------|---|--|--|-----|-----|----------------|--|---|--|-----|-----|--------------------|---|--|----|-----|-----|------------------|--|---|--|-----|-----|--------------------|---|--|--|-----|-----|------------------|--|---|--|-----|-----|---------|---|--|--|-----|-----|------------------|--|---|--|-----|-----|---------|---|--|--|-----|-----|---------------|--|---|
| <b>2. NATURE OF WORK</b><br><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement<br><input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>8. WELL TEST DATA</b><br><input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Air <input type="checkbox"/> Other _____<br><table border="1" style="width:100%"><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr><tr><td><u>100 GPM</u></td><td><u>Est</u></td><td><u>N/A</u></td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Discharge G.P.M. | Pumping Level           | Hours Pumped | <u>100 GPM</u>     | <u>Est</u>       | <u>N/A</u>      |                 |    |     |    |    |   |   |                   |   |  |  |   |    |                                                                                                                                                                                                                                                                                                                                             |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |                  |  |   |  |    |     |                  |  |   |  |     |     |                  |  |   |  |     |     |                 |  |   |  |     |     |                |   |  |  |     |     |                |  |   |  |     |     |                    |   |  |    |     |     |                  |  |   |  |     |     |                    |   |  |  |     |     |                  |  |   |  |     |     |         |   |  |  |     |     |                  |  |   |  |     |     |         |   |  |  |     |     |               |  |   |
| Discharge G.P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pumping Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Hours Pumped     |                         |              |                    |                  |                 |                 |    |     |    |    |   |   |                   |   |  |  |   |    |                                                                                                                                                                                                                                                                                                                                             |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |             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| <u>100 GPM</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                                        | <u>N/A</u>       |                         |              |                    |                  |                 |                 |    |     |    |    |   |   |                   |   |  |  |   |    |                                                                                                                                                                                                                                                                                                                                             |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |             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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| <b>3. PROPOSED USE</b><br><input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal<br><input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection<br><input type="checkbox"/> Other _____ (specify type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>9. LITHOLOGIC LOG</b> <table border="1" style="width:100%"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>14</td><td>0</td><td>5</td><td>Soil &amp; sand brown</td><td>x</td><td> </td></tr><tr><td> </td><td>5</td><td>10</td><td>Clay brown</td><td> </td><td>x</td></tr><tr><td> </td><td>10</td><td>30</td><td>Gummy clay brown</td><td>x</td><td> </td></tr><tr><td>18</td><td>30</td><td>35</td><td>Gummy clay brown</td><td> </td><td>x</td></tr><tr><td> </td><td>35</td><td>40</td><td>Brown sandy clay</td><td> </td><td>x</td></tr><tr><td> </td><td>40</td><td>55</td><td>Brown sandy and pea gvl</td><td>x</td><td> </td></tr><tr><td> </td><td>55</td><td>66</td><td>Brown gummy clay</td><td> </td><td>x</td></tr><tr><td> </td><td>66</td><td>120</td><td>Sandy brown clay</td><td> </td><td>x</td></tr><tr><td> </td><td>120</td><td>130</td><td>Gummy brown clay</td><td> </td><td>x</td></tr><tr><td> </td><td>130</td><td>146</td><td>Gray gummy clay</td><td> </td><td>x</td></tr><tr><td> </td><td>146</td><td>165</td><td>Sand gray clay</td><td>x</td><td> </td></tr><tr><td> </td><td>165</td><td>170</td><td>Sand gray clay</td><td> </td><td>x</td></tr><tr><td> </td><td>170</td><td>185</td><td>Broken Gray basalt</td><td>x</td><td> </td></tr><tr><td>16</td><td>185</td><td>187</td><td>Firm gray basalt</td><td> </td><td>x</td></tr><tr><td> </td><td>187</td><td>200</td><td>Broken gray basalt</td><td>x</td><td> </td></tr><tr><td> </td><td>200</td><td>203</td><td>Firm gray basalt</td><td> </td><td>x</td></tr><tr><td> </td><td>203</td><td>232</td><td>Cinders</td><td>x</td><td> </td></tr><tr><td> </td><td>232</td><td>241</td><td>Hard gray basalt</td><td> </td><td>x</td></tr><tr><td> </td><td>241</td><td>251</td><td>Cinders</td><td>x</td><td> </td></tr><tr><td> </td><td>251</td><td>255</td><td>Broken basalt</td><td> </td><td>x</td></tr></tbody></table> | Bore Diam.       | Depth                   |              | Material           | Water            |                 | From            | To | Yes | No | 14 | 0 | 5 | Soil & sand brown | x |  |  | 5 | 10 | Clay brown                                                                                                                                                                                                                                                                                                                                  |  | x |  | 10 | 30 | Gummy clay brown | x |  | 18 | 30 | 35 | Gummy clay brown |  | x |  | 35 | 40 | Brown sandy clay |  | x |  | 40 | 55 | Brown sandy and pea gvl | x |  |  | 55 | 66 | Brown gummy clay |  | x |  | 66 | 120 | Sandy brown clay |  | x |  | 120 | 130 | Gummy brown clay |  | x |  | 130 | 146 | Gray gummy clay |  | x |  | 146 | 165 | Sand gray clay | x |  |  | 165 | 170 | Sand gray clay |  | x |  | 170 | 185 | Broken Gray basalt | x |  | 16 | 185 | 187 | Firm gray basalt |  | x |  | 187 | 200 | Broken gray basalt | x |  |  | 200 | 203 | Firm gray basalt |  | x |  | 203 | 232 | Cinders | x |  |  | 232 | 241 | Hard gray basalt |  | x |  | 241 | 251 | Cinders | x |  |  | 251 | 255 | Broken basalt |  | x |
| Bore Diam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                                                                                                                                                                                                                        | 241              | Hard gray basalt        |              | x                  |                  |                 |                 |    |     |    |    |   |   |                   |   |  |  |   |    |                                                                                                                                                                                                                                                                                                                                             |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |             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                                                                                                                                                                                                                                                                        | 255              | Broken basalt           |              | x                  |                  |                 |                 |    |     |    |    |   |   |                   |   |  |  |   |    |                                                                                                                                                                                                                                                                                                                                             |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |             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| <b>5. WELL CONSTRUCTION</b><br>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____ <table border="1" style="width:100%"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>.250</u> inches</td><td><u>18</u> inches</td><td><u>1.5</u> feet</td><td><u>185</u> feet</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> Was casing drive shoe used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Was a packer or seal used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Perforated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch<br>Size of perforation _____ inches by _____ inches<br>Number _____ From _____ To _____<br>_____ perforations _____ feet _____ feet<br>_____ perforations _____ feet _____ feet<br>_____ perforations _____ feet _____ feet<br>Well screen installed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Manufacturer's name _____<br>Type _____ Model No. _____<br>Diameter _____ Slot size _____ Set from _____ feet to _____ feet<br>Diameter _____ Slot size _____ Set from _____ feet to _____ feet<br>Gravel packed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Size of gravel _____<br>Placed from _____ feet to _____ feet<br>Surface seal depth <u>+30'</u> Material used in seal: <input type="checkbox"/> Cement grout<br><input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Puddling clay <input type="checkbox"/> _____<br>Sealing procedure used: <input type="checkbox"/> Slurry pit <input type="checkbox"/> Temp. surface casing<br><input checked="" type="checkbox"/> Overbore to seal depth<br>Method of joining casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Solvent Weld<br><input type="checkbox"/> Cemented between strata<br>Describe access port <u>1-1/4" Pipe</u> | Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diameter         | From                    | To           | <u>.250</u> inches | <u>18</u> inches | <u>1.5</u> feet | <u>185</u> feet |    |     |    |    |   |   |                   |   |  |  |   |    | <div style="text-align: center; border: 2px solid black; padding: 5px; margin: 10px auto; width: 150px;">RECEIVED</div> <div style="text-align: center; margin: 5px auto; width: 150px;">MAY 30 1991</div> <div style="text-align: center; margin: 5px auto; width: 150px;">Department of Water Resources<br/>Eastern District Office</div> |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |                  |  |   |  |    |     |                  |  |   |  |     |     |                  |  |   |  |     |     |                 |  |   |  |     |     |                |   |  |  |     |     |                |  |   |  |     |     |                    |   |  |    |     |     |                  |  |   |  |     |     |                    |   |  |  |     |     |                  |  |   |  |     |     |         |   |  |  |     |     |                  |  |   |  |     |     |         |   |  |  |     |     |               |  |   |
| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| <u>.250</u> inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                                                                                                                                        | <u>1.5</u> feet  | <u>185</u> feet         |              |                    |                  |                 |                 |    |     |    |    |   |   |                   |   |  |  |   |    |                                                                                                                                                                                                                                                                                                                                             |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |             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| <b>6. LOCATION OF WELL</b><br>Sketch map location <u>must</u> agree with written location.<br><div style="text-align: center;"></div><br>Subdivision Name _____<br>Lot No. _____ Block No. _____<br>County <u>Jefferson</u><br>NW <u>1/4</u> NE <u>1/4</u> Sec. <u>12</u> T. <u>7N</u> N/S; R. <u>33 E</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>11. DRILLERS CERTIFICATION</b><br>I/We certify that all minimum well construction standards were complied with at the time the rig was removed.<br>Andrew Well Drilling Firm No. <u>5</u><br>Address <u>1268 East 17th St</u> Date <u>5/23/91</u><br>Signed by (Firm Official) <u>[Signature]</u><br>and<br>(Operator) <u>Dale Bullock</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |                         |              |                    |                  |                 |                 |    |     |    |    |   |   |                   |   |  |  |   |    |                                                                                                                                                                                                                                                                                                                                             |  |   |  |    |    |                  |   |  |    |    |    |                  |  |   |  |    |    |                  |  |   |  |    |    |                         |   |  |  |    |    |                  |  |   |  |    |     |                  |  |   |  |     |     |                  |  |   |  |     |     |                 |  |   |  |     |     |                |   |  |  |     |     |                |  |   |  |     |     |                    |   |  |    |     |     |                  |  |   |  |     |     |                    |   |  |  |     |     |                  |  |   |  |     |     |         |   |  |  |     |     |                  |  |   |  |     |     |         |   |  |  |     |     |               |  |   |

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

Page 1 of 6

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

Transfer No. 3783

# APPLICATION FOR TRANSFER OF WATER RIGHT

## PART 1

HT  
APPROVED

Name of applicant Millie E. Hartwell Phone 657-2210  
Post Office address 2298 N 800 E Montevieu Idaho 83435

**A. PURPOSE OF TRANSFER**

1. ☐ Change point of diversion ☒ Add diversion point(s) ☒ Change place of use  
☐ Change nature of use ☐ Change period of use ☐ Other \_\_\_\_\_
2. Describe the reason for the proposed changes Adding well to serve center pivot in NE 1/4 Sec 12

**B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE**

- | 1. | Right Number                                                                                                | Priority             | Amount<br>(cfs/ac-ft) | Nature<br>of Use  | Period of Use             |
|----|-------------------------------------------------------------------------------------------------------------|----------------------|-----------------------|-------------------|---------------------------|
|    | <u>31-23813</u>                                                                                             | <u>July 14, 1960</u> | <u>2.03 cfs</u>       | <u>Irrigation</u> | <u>4/1</u> to <u>11/1</u> |
|    |                                                                                                             |                      |                       |                   | to                        |
|    |                                                                                                             |                      |                       |                   | to                        |
|    |                                                                                                             |                      |                       |                   | to                        |
|    |                                                                                                             |                      |                       |                   | to                        |
| 2. | Total amount of water being transferred <u>2.03</u> cubic feet per second and/or _____ acre-feet per annum. |                      |                       |                   |                           |
| 3. | Source of water <u>Groundwater</u> tributary to _____                                                       |                      |                       |                   |                           |
| 4. | Point(s) of Diversion: _____                                                                                |                      |                       |                   |                           |

[illegible]

5. Lands irrigated or place of use:

[illegible]

# PART 1

## 6. General Information:

- a. Description of diversion system well pump to center pivot
- b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? ☒ Yes ☐ No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes.
- c. Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer:  
None same place of use.
- d. Remarks:  
This transfer is not to increase the capacity of the system just to make easier to operate a center pivot.

## ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. 31-02381

And said application is hereby APPROVED, subject to the following limitations and conditions:

1. The change authorized by this transfer shall be accomplished within one (1) year of the date of this approval.
2. Failure to comply with the conditions of this transfer is cause for the director to issue an order to show cause why the approval of the transfer should not be rescinded.
3. Approval of this transfer does not preclude the opportunity for review of the validity of the water right(s) in the ongoing Snake River Basin Adjudication.

Witness my hand this 10<sup>th</sup> day of May

MAY 31 1991

J. Glen Saxton  
Chief, Water Allocation Bureau

**STATE OF IDAHO**  
**DEPARTMENT OF WATER RESOURCES**  
**APPLICATION FOR TRANSFER OF WATER RIGHT**

**PART 2**

(Attach one copy for each right)

**A. DESCRIPTION OF RIGHT AS RECORDED**

1. Right evidenced by:

- a. Decree No. \_\_\_\_\_ Decreed to \_\_\_\_\_  
in case of \_\_\_\_\_ vs. \_\_\_\_\_  
dated \_\_\_\_\_ in \_\_\_\_\_ county of \_\_\_\_\_
- b. License No. 31-02381 issued by the Idaho Department of Water Resources.
- c. Claim No. \_\_\_\_\_ on file with the Idaho Department of Water Resources.
- d. Transfer No. \_\_\_\_\_ which produced this right.

2. Attach a copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

☒ Tax Notice

☐ Warranty Deed

☐ Other \_\_\_\_\_

3. Source of water Groundwater tributary to \_\_\_\_\_

4. Date or priority July 14, 1960

5. Water is used for the following purpose:

amount 7.35 cfs for Irrigation purposes from 4/1 to 11/1  
(cfs/ac-ft)  
amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_  
(cfs/ac-ft)  
amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_  
(cfs/ac-ft)

6. Total amount of water under right \_\_\_\_\_ cubic feet per second and/or \_\_\_\_\_ acre-feet per annum.

7. Point(s) of Diversion:

| Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County    | Local name for diversion |
|-----|-----|-----|-----|------|------|------|-----------|--------------------------|
|     |     | SE  | NW  | 4    | 7N   | 34E  | Tefferson |                          |
|     |     |     |     |      |      |      |           |                          |
|     |     |     |     |      |      |      |           |                          |

8. Lands irrigated or place of use:

| Twp. | Rge. | Sec. | NE 1/4 |        |        |        | NW 1/4 |        |        |        | SW 1/4 |        |        |        | SE 1/4 |        |        |        | Totals |
|------|------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |      |      | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 |        |
| 7N   | 33E  | 12   | 40     | 40     | 40     | 25     | 20     | 12     |        |        |        |        |        |        |        |        |        |        | 177    |
|      | 34E  | 5    |        |        |        |        |        |        |        |        |        |        | 40     | 20     |        | 40     | 28     |        | 128    |
|      |      | 6    |        |        |        |        |        |        |        |        |        |        | 40     |        |        |        |        |        |        |
|      |      | 7    |        |        |        |        |        | 20     |        |        |        |        |        |        |        |        |        |        |        |
|      |      | 8    |        | 40     | 40     |        | 40     |        |        | 40     |        |        |        |        |        |        |        |        | 160    |

Total acres 525

9. Describe any other water rights used for the same purpose as described above \_\_\_\_\_

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

NO

If yes, describe \_\_\_\_\_

**B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED**

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 2.03 cfs for Irrigation purposes from 4/1 to 11/1  
 (cfs/ac-ft)  
 amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_  
 (cfs/ac-ft)  
 amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_  
 (cfs/ac-ft)

2. Point(s) of Diversion:

| Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County    | Local name for diversion |
|-----|-----|-----|-----|------|------|------|-----------|--------------------------|
|     |     | SE  | NW  | 4    | 7N   | 34E  | Jefferson |                          |
|     |     |     |     |      |      |      |           |                          |
|     |     |     |     |      |      |      |           |                          |

3. Lands irrigated or place of use:

| Twp. | Rge. | Sec. | NE 1/4 |        |        |        | NW 1/4 |        |        |        | SW 1/4 |        |        |        | SE 1/4 |        |        |        | Totals |
|------|------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |      |      | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 |        |
| 7N   | 33E  | 12   | 40     | 40     | 40     | 25     |        |        |        |        |        |        |        |        |        |        |        |        | 145    |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

Total acres 145**C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT (omit if there is no change)**

1. amount 5.32 for Irrigation purposes from 4/1 to 11/1  
 (cfs/ac-ft)  
 amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_  
 (cfs/ac-ft)  
 amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_  
 (cfs/ac-ft)

2. Point(s) of Diversion:

| Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County    | Local name for diversion |
|-----|-----|-----|-----|------|------|------|-----------|--------------------------|
|     |     | SE  | NW  | 4    | 7N   | 34E  | Jefferson |                          |
|     |     |     |     |      |      |      |           |                          |
|     |     |     |     |      |      |      |           |                          |

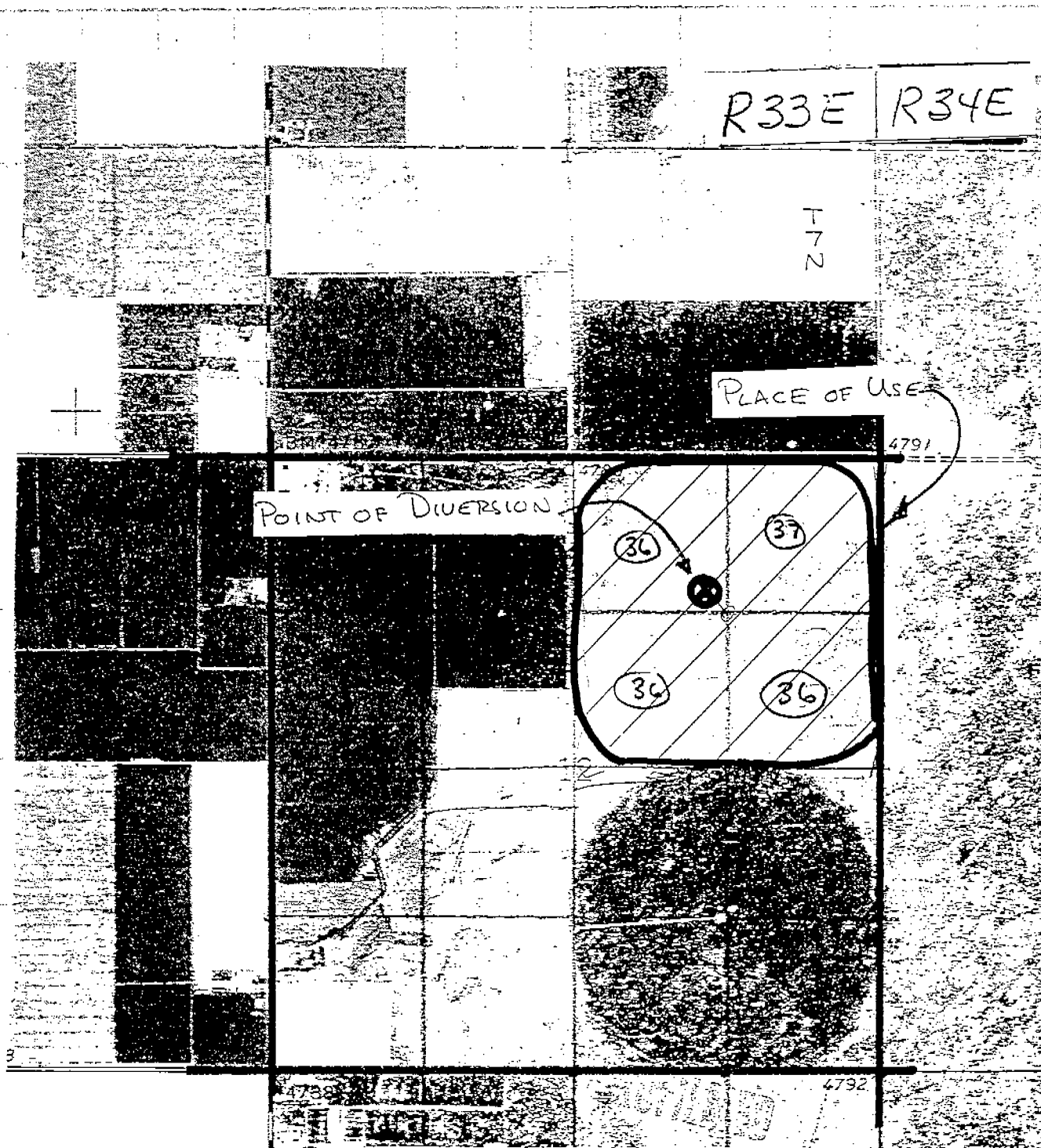
3. Lands irrigated or place of use:

| Twp. | Rge. | Sec. | NE 1/4 |        |        |        | NW 1/4   |        |        |        | SW 1/4 |          |        |        | SE 1/4 |        |        |        | Totals |
|------|------|------|--------|--------|--------|--------|----------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|--------|
|      |      |      | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4   | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4   | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 |        |
| 7N   | 33E  | 12   |        |        |        |        | 20       | 12     |        |        |        |          |        |        |        |        |        |        | 32     |
|      | 34E  | 5    |        |        |        |        |          |        |        |        |        |          | 40     | 20     |        | 40     | 28     |        | 128    |
|      |      | 6    |        |        |        |        |          |        |        |        |        | L7<br>40 |        |        |        |        |        |        | 40     |
|      |      | 7    |        |        |        |        | L1<br>20 |        |        |        |        |          |        |        |        |        |        |        | 20     |
|      |      | 8    |        | 40     | 40     |        | 40       |        |        | 40     |        |          |        |        |        |        |        |        | 160    |

Total acres 380

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**APPLICATION FOR TRANSFER OF WATER RIGHT**  
PART 3

A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.



**PART 3****B. CHANGES IN NATURE OF USE**

| 1 | New Nature of Use | Amount<br>(cfs/ac-ft) | Hours/days/year | Period of Use |
|---|-------------------|-----------------------|-----------------|---------------|
|   |                   |                       |                 | to            |
|   |                   |                       |                 | to            |

2. Quantity and quality of return flows and location of discharge:

3. Describe effects on other water uses resulting from the proposed change:

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willful misrepresentations made in this application may result in voiding its approval.

Millie E. Hartwell

(Signature of Applicant)

Subscribed and sworn to before me this 31<sup>st</sup> day of October, 1990.Betty J. Chapman

(Notary Public)

My commission expires 1994**FOR DEPARTMENT USE ONLY**

Transfer contains \_\_\_\_\_ pages and \_\_\_\_\_ attachments

Assisted by  
Received by Kew Date 31 Oct 1990

Protest filed by \_\_\_\_\_

Prelim. check by \_\_\_\_\_ Fee \_\_\_\_\_

Receipted by Kew #E015396 Date 31 Oct 1990Published in Tefferson Star

Copies of protest forwarded by \_\_\_\_\_

Pub. dates Dec. 6-13, 1990

Hearing held by \_\_\_\_\_ Date \_\_\_\_\_

Watermaster recommendation requested on \_\_\_\_\_

Recommended for ☒ approval ☐ denial

\_\_\_\_\_ rec'd. \_\_\_\_\_

by REC

Copy of transfer sent to lien holder \_\_\_\_\_

7/2 5-2-91

MAY 31 1991

# State of Idaho

## License and Certificate of Water Right

Water License No. G-28862Amount 7.35 c.f.s.

Water District No. \_\_\_\_\_

Priority July 14, 1960THIS IS TO CERTIFY that JOE HARTWELL

of Monteviu, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated July 14, 19 60; that Permit No. G-28862 was issued under said application; that Certificate of Completion of works, with a carrying capacity of 7.35 second feet, was issued thereunder on October 22, 19 65, showing that said works were completed on the 29th day of June, 19 65; and that on the 29th day of June, 19 65, Joe Hartwell

of Monteviu,, State of Idaho, made proof to the satisfaction of the State Reclamation Engineer of Idaho, of the right to use the waters of a well, a tributary of subterranean flow, for the purpose of irrigation and domestic, under Use Permit No. G-28862 of the Department of Reclamation and that said right to the use of said waters has been perfected in accordance with the laws of Idaho, and is hereby confirmed by the State Reclamation Engineer of Idaho and entered of record in Volume

B of Licenses at page 8350, on the 22 day of October, 19 65;

The right hereby confirmed dates from July 14, 19 60;

The Point of Diversion is located

in the SE 1/4 NW 1/4, Sec. 4, Tp. 7 N, R. 34 E, B. M. Jefferson County

That the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall not exceed 7.35 cubic feet per second.

Description and location of use:

| Twp. | Range | Sec. | Forty-acre Tract | No. Acres Described in Permit | No. Acres Actually Irrigated |
|------|-------|------|------------------|-------------------------------|------------------------------|
| 7 N  | 33 E  | 12   | NE 1/4 NE 1/4    | 40                            | 40                           |
|      |       |      | NW 1/4 NE 1/4    | 40                            | 40                           |
|      |       |      | SW 1/4 NE 1/4    | 40                            | 40                           |
|      |       |      | SE 1/4 NE 1/4    | 40                            | 25                           |
|      | 34 E  | 5    | NE 1/4 NW 1/4    | 20                            | 20                           |
|      |       |      | NW 1/4 NW 1/4    | 20                            | 12                           |
|      |       |      | SE 1/4 SW 1/4    | 40                            | 40                           |
|      |       |      | NE 1/4 SE 1/4    | 20                            | 20                           |
|      |       | 6    | SW 1/4 SE 1/4    | 40                            | 40                           |
|      |       |      | SE 1/4 SE 1/4    | 40                            | 23                           |
|      |       |      | SW 1/4 SW 1/4    | 40                            | 40                           |
|      |       |      | NW 1/4 NW 1/4    | 40                            | 20                           |
|      |       | 8    | NW 1/4 NE 1/4    | 40                            | 40                           |
|      |       |      | SW 1/4 NE 1/4    | 40                            | 40                           |
|      |       |      | NE 1/4 NW 1/4    | 40                            | 40                           |
|      |       |      | SE 1/4 NW 1/4    | 40                            | 40                           |

Total number of acres to be irrigated: 525

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this 22nd day of October, 19 65.

S/ RALPH W. THOMAS

Deputy State Reclamation Engineer.

(SEAL)

STATE OF IDAHO  
DEPARTMENT OF RECLAMATION  
BOISE, IDAHO  
REPORT OF EXAMINER

Permit No. G-28862

This proof is for Comp. of Works &amp; Bene. Use

In Water District No. \_\_\_\_\_

1. Name of applicant Joe Hartwell2. Source of water supply: Subterranean stream3. Location of point of diversion: Is in the SE 1/4 NW 1/4 of Section 4T. 7N R. 34E County of Jefferson

4. Describe works as they exist, giving dimensions and capacities of same: 50 HP Fair-Banks-  
Morse Motor "Frame" # 2045 PV (594925), Johnston Pump # ST 2875.  
Well 65' deep x 28" - Cased 35' x 28" h: 18'. D/W after 1/2 hr. pumping  
time - 29.94' top steel casing east side pump.

5. Water is used for: Irrigation and domestic6. State whether or not water has been turned into works of diversion: yes.

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

7N-33E, Sec. 12, NE 1/4, NW 1/4, N 1/2 SE 1/4, 280 acres; Sec. 5, SE 1/4 SW 1/4, E 1/2 SE 1/4, W 1/2 SE 1/4, 140 acres;  
Sec. 6, SW 1/4 SW 1/4, 40 acres, Sec. 7, NW 1/4 NW 1/4, 40 acres; <sup>Sec. 8-23</sup> NE 1/4, E 1/2 NW 1/4, 160 acres, all  
in 7N-34E Making a total of 660 acres

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach? \_\_\_\_\_

Remarks: No Joe Hartwell alongMeasured by Current Meter # 375 (Pygmy)This examination was made on the 19<sup>th</sup> day of August, 1965(Signed) [Signature] Examiner.



LJ-200  
1-63

STATE OF IDAHO  
DEPARTMENT OF RECLAMATION

Date 8/19, 1965 DISCHARGE MEASUREMENT NOTES

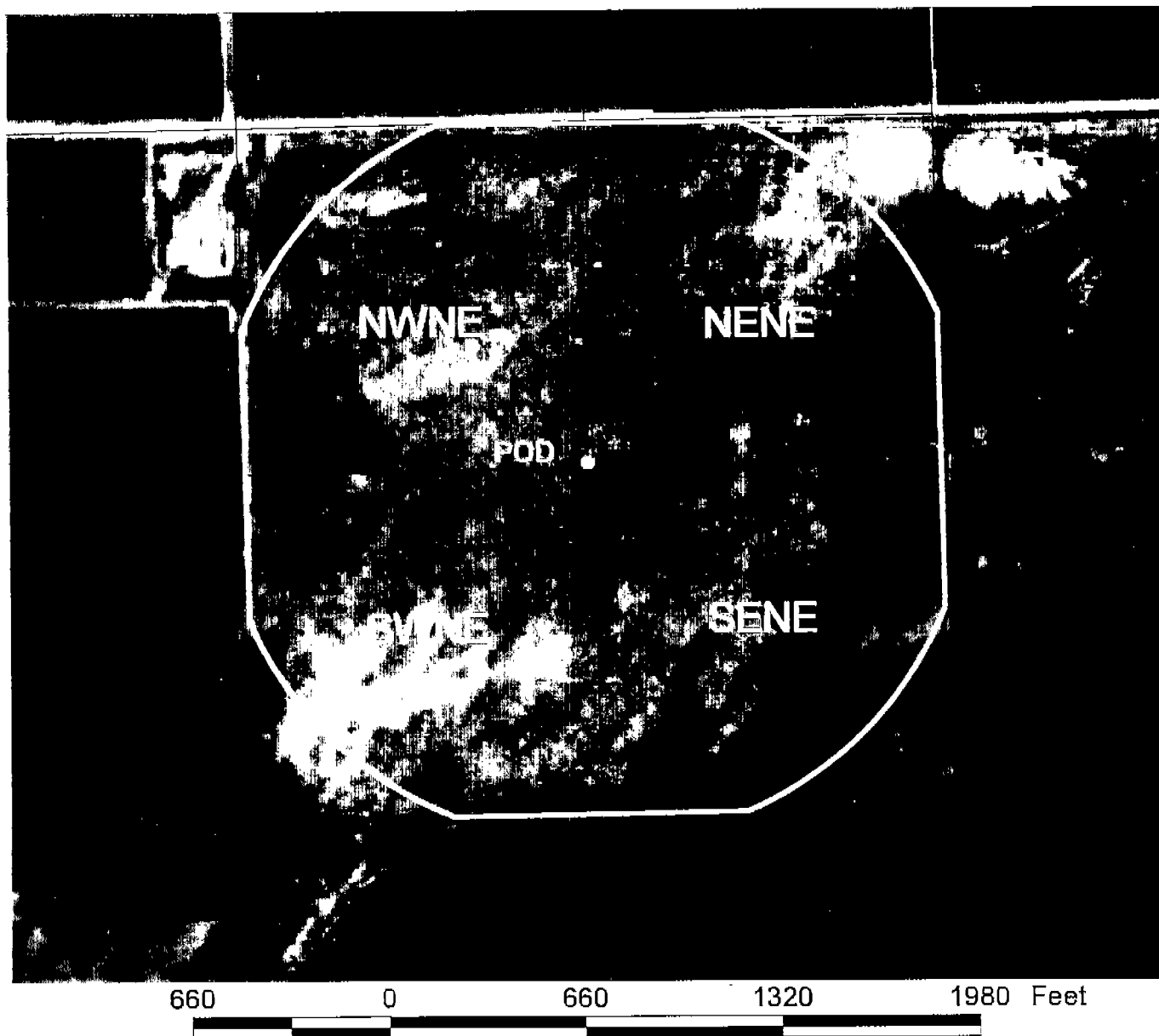
Joe Hartwell

River at 80' downrill from passage

| Angle coef-<br>ficient | Dist.<br>from<br>initial<br>point | Width | Depth | Observa-<br>tion depth | Revo-<br>lutions | Time<br>in<br>sec-<br>onds | VELOCITY    |                          | Adjust-<br>ed for<br>hor.<br>angle or | Area | Discharge |
|------------------------|-----------------------------------|-------|-------|------------------------|------------------|----------------------------|-------------|--------------------------|---------------------------------------|------|-----------|
|                        |                                   |       |       |                        |                  |                            | At<br>point | Mean<br>in ver-<br>tical |                                       |      |           |
|                        | 1.                                | .50   | 0     |                        | 0                | 0                          |             |                          |                                       |      |           |
|                        | 2.0                               | 1.00  | .73   |                        | 0                | 40                         | 0           |                          |                                       | .73  | .10       |
|                        | 3.0                               | 1.00  | 1.10  |                        | 7                | 42                         | .21         |                          |                                       | 1.10 | .23       |
|                        | 4.0                               | 1.00  | 1.30  |                        | 20               | 40                         | .53         |                          |                                       | 1.30 | .69       |
|                        | 5.0                               | 1.00  | 1.30  |                        | 40               | 42                         | .97         |                          |                                       | 1.30 | 1.26      |
|                        | 6.0                               | 1.00  | 1.40  |                        | 60               | 48                         | 1.26        |                          |                                       | 1.40 | 1.76      |
|                        | 7.0                               | .75   | 1.40  |                        | 60               | 48                         | 1.26        |                          |                                       | 1.05 | 1.32      |
|                        | 7.5                               | .50   | 1.47  |                        | 40               | 41                         | .99         |                          |                                       | .74  | .73       |
|                        | 8.0                               | .50   | 1.40  |                        | 30               | 43                         | .74         |                          |                                       | .70  | .52       |
|                        | 8.5                               | .50   | 1.30  |                        | 25               | 43                         | .61         |                          |                                       | .65  | .40       |
|                        | 9.0                               | .50   | 1.00  |                        | 20               | 47                         | .46         |                          |                                       | .50  | .23       |
|                        | 9.5                               | .50   | .70   |                        | 20               | 41                         | .52         |                          |                                       | .35  | .18       |
|                        | 10.0                              | .45   | .30   |                        | 10               | 54                         | .23         |                          |                                       | .13  | .03       |
|                        | 10.4                              | .20   | 0     |                        | 0                | 0                          | 0           |                          |                                       | 0    |           |
|                        |                                   | .940  |       |                        |                  |                            |             |                          |                                       | 7.35 |           |

No. \_\_\_\_\_ of \_\_\_\_\_ Sheets. Comp. by \_\_\_\_\_ Chk. by \_\_\_\_\_

# 31-02381B



## T07N R33E S12

Map prepared by: Carter Fritschle  
Date prepared: 05-06-99  
1987-1988 NAPP photography

