

01/27/2004

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

RIGHT NUMBER: 25-7263

NAME AND ADDRESS: US DEPT OF ENERGY
IDAHO OPERATIONS OFFICE
785 DOE PL
IDAHO FALLS ID 83402

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.670 CFS
152.500 AFY

PRIORITY DATE: 10/26/1981

POINT OF DIVERSION:

T02N R38E S7 NENESW Within BONNEVILLE County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE
COOLING

PERIOD OF USE
5/01 10/01

QUANTITY
0.670 CFS
152.50 AFY

PLACE OF USE: COOLING Within BONNEVILLE County

T02N R38E S07 NESW

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

Water used to cool the DOE lab facility shall be non-consumptive & returned to the aquifer.

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.

Return flow discharged to a subsurface system must be authorized by a separate injection well permit.

EXPLANATORY MATERIAL: License

Water Right 25-7263

SCANNED

1 SEP 24 2004

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01/27/2004

NOV 26 2004

NOTICE OF ERROR
REPLY

MH

Department of Water Resources
Eastern Region

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS:

Water right number: 25-7263

US DEPT OF ENERGY
IDAHO OPERATIONS OFFICE
785 DOE PL
IDAHO FALLS ID 83402
Telephone Number: (208) 526-3734

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

- a. Name and Address
- b. Point of Diversion

2. Describe the changes you wish to make in the proposed recommendation:

- a. U.S. Dept. of Energy
Idaho Operations Office
1955 Fremont Ave.
Idaho Falls, ID 83401 (208) 526-7177
- b. T02N R38E S7 SENESW

3. Give a brief explanation as to why you disagree with these portions:

- a. Idaho Operations Offices have moved to the new address.
- b. The point of diversion location was checked and found to be at the coordinates delineated above.

I AGREE with this proposed recommendation: no changes need to be made.

DATE: 11/18/04 SIGNATURE: [Signature]

Please print your name: Richard Kauffman

IDWR Regional Office, 900 N Skyline Dr Ste A, Idaho Falls, ID 83402, 2085257161

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DEC 02 2004

addresses
changed 11/29/04
km5



Department of Energy
Idaho Operations Office
1955 Fremont Avenue
Idaho Falls, ID 83401

MH

November 18, 2004

Ernest Carlsen
Idaho Department of Water Resources
900 N. Skyline Dr., Suite A
Idaho Falls, ID 83402-1718

SUBJECT: Corrections to the Preliminary Director's Report for Water Right Number 25-7263 at the INEEL Research Center (TS-ETSD-04-215)

Dear Mr. Carlsen:

Please find enclosed the Department of Energy, Idaho Operations Office's corrections to the information supplied by the Department of Water Resources regarding water right number 25-7263. If any questions arise concerning this, please contact me at 526-7177.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Kauffman", is written over a horizontal line.

Richard Kauffman
Environmental Engineer

Enclosure

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DEC 02 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
1150 NORTH CURTIS ROAD, SUITE 100
BOISE, ID 83706-1234

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300



U.S. OFFICIAL MAIL
PENALTY FOR
PRIVATE USE \$300
02 1A
0004201254
NOV 23 2004
MAILED FROM ZIP CODE 83706

MH

Mr. Ernest Carlsen
Water Rights Supervisor
State of Idaho
Idaho Department of Water Resources
900 N. Skyline Drive, Ste. A
Idaho Falls, ID 83402-1718

42

PROFILED

SCANNED
DEC 02 2004

AUG 11 2001

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 25-7263

Priority: October 26, 1981 Amount: .67 CFS 152.5 AFA

This is to certify, that U.S. DEPT. OF ENERGY
550 2ND ST.

IDAHO FALLS, ID 83401 has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated October 26, 1981, and has submitted proof to the Department of Water Resources on November 5, 1982, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .68 cfs of water from a GROUNDWATER source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Cooling	05/01 to 10/01	.67 cfs	152.5 afa

LOCATION OF POINT OF DIVERSION(S): NESW , Sec. 7, Township 2N, Range 38E
Bonneville County

PLACE OF USE: Cooling

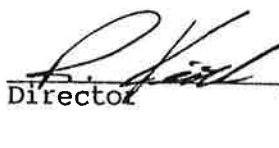
TWN RGE SEC

2N 38E 7 NESW

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. Return flow if discharged to a subsurface system must be authorized by a separate injection well permit.
5. Water used to cool the DOE lab facility shall be non-consumptive & returned to the aquifer.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 4th day of February, 1988.

Director  MICROFILMED
AUG 11 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

RECEIVED

JAN 30 1988

25-7263
Permit No.

1. Measurement Calculations

Department of Water Resources

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

$$Q = \frac{H_p(8.814) + FF}{head + (P \times 2.308)} = \frac{25(8.815)(0.885)}{264 ft + [(2.105)(15 ft)]} = \frac{195.01}{288.62} = 0.68 cfs$$

$$\begin{array}{l} \text{HEAD} = \text{Pumping Depth} \approx 205' \\ \text{Lift to Exchanger} \approx 49' \\ \hline 254 \end{array}$$

$$Q_{\text{LIMITED BY PERMIT}} = 0.67 cfs$$

b) Volume Calculations for Irrigation:

$$\begin{array}{l} V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}} \\ V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}} \\ V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}} \end{array}$$

c) Volume Calculations for Other Uses: Cooling Period of use May 1 to Oct 1 = 153 days

$$V = [0.67 cfs \times 1.9835 \times (153 \text{ days})] = 203.33 afa$$

$$\text{Assume 75\% operation time: Therefore } (0.75)(203.33) = 152.5 afa$$

2. Overlap Review

a) Other water rights with same place of use: NONE

b) Other water rights with same point of diversion: NONE

c) Analysis:

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FEB 25 1988

RECOMMENDED AMOUNTS

- | Permit No. | Priority | Amount | App. Date | Date Proof Submitted | System Capacity |
|------------|----------|--------|-----------|----------------------|-----------------|
| 25-7263 | 10-26-81 | 0.67 | 10-26-81 | 11-5-82 | 0.68 |

4. Permit Holder: U.S. Department of Energy
Address: 550 Second Street - Idaho Falls, Id. 83401

5. Source: Groundwater tributary to _____

6. Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Cooling	5/1	10/1	0.67	152.5

Allowable Maximums: _____

- 7. Point(s) of Diversion:**

[illegible]

- ### 8. Place(s) of Use

[illegible]

9. Recommended Conditions/Remarks: _____

In conversation with John Beal it was found that DOE does have an injection well application in processing ^{for ILF} as of 27 Jan 1986. Kew

- ## 10. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other _____

11. Examiner's Signature Keith Wilson Date 2 Jan 1986

Checked in Regional Office by Dary Spackman Date 1-09-86

Approved in State Office by Kon^o Howerton Date 12-22-87

REF FILMED

FEB 25 1988

Date: 2 Jan 1986

Date 1-07-86

Date 12-22-87

Total Acres

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number 25-7263
Date Received: 7/27/1989
Receipt No: X999999
Received By:

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

1. Name of Claimant(s)

US DEPT OF ENERGY Phone: (208)526-3734

IDAHO OPERATIONS OFFICE
785 DOE PL
IDAHO FALLS ID USA 83402

2. Date of Priority: 10/26/1981

3. Source: GROUND WATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
02N	38E	7	SE NE SW	BONNEVILLE	

5. Description of diverting works:

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
COOLING	5/01	10/01	0.67	152.5

7. Total Quantity Appropriated is:
0.67 C.F.S. and/or 152.5 A.F.A.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4 Lot	Use	Acres
02N	38E	7	NE SW	COOLING	

11. Place of use in counties: BONNEVILLE

SCANNED

SEP 24 2004

1
FILED

12. Do you own the property listed above as place of use? Yes

13. Other Water Rights Used:

14. Remarks:

Water used to cool the DOE lab facility shall be non-consumptive & returned to the aquifer.

Return flow discharged to a subsurface system must be authorized by a separate injection well permit.

15. Basis of Claim: License

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Organizations:

I do solemnly swear or affirm that I am _____ of
Title

_____, that I have signed the foregoing

Organization
document in the space below as _____ of

Title
_____ and that the statements contained in the

Organization
foregoing document are true and correct. _____

Signature of Authorized Agent

Title and Organization

Date

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this

of _____ 20__

Notary Public

Residing at _____

My commission Expires _____

SCANNED

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576
Ident. Number A25-07263
Date Received _____
Receipt Number _____

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

A2507263



Please type or print clearly

1. Name of Claimant (s) United States Department of Energy Phone (208) 526-0276
Mailing Address 785 DOE Place, Idaho Falls, Idaho Zip 83402
2. Date of Priority (Only one (1) per claim) October 26, 1981
3. Source of water supply (a) groundwater
which is tributary to (b) _____
4. a. Location of existing point of diversion is: Township 2N Range 38 Section 7 ,
SE 1/4 of NE 1/4 of SW 1/4, Govt. Lot, E B.M., County of Bonneville
Additional points of diversion if any: _____
b. If instream flow, beginning point of claimed instream flow is:
Township _____ Range _____ Section _____ , _____ 1/4 of _____ 1/4 of _____ 1/4,
Govt. Lot _____ B.M., County of _____
ending point is: Township _____ Range _____ Section _____ , _____ 1/4 of _____ 1/4 of _____
_____ 1/4, Govt. Lot _____ B.M., County of _____
5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates , Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. well, 300 feet deep, with 25 hp motor driven
pump; 6 inch pipe connects well with INEL Research Center, the utilization facility.

MICROFILMED

NOV 18 1990

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLSIN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number

A25 - 07263

Date Received

Receipt Number

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

Please type or print clearly

1. Name of Claimant (s) United States Department of Energy Phone (208) 526-0276
Mailing Address 785 DOE Place, Idaho Falls, Idaho Zip 83402

2. Date of Priority (Only one (1) per claim) October 26, 1981

3. Source of water supply (a) groundwater
which is tributary to (b) _____

4. a. Location of existing point of diversion is: Township 2N Range 38 Section 7,
SE 1/4 of NE 1/4 of SW 1/4, Govt. Lot, E B.M., County of Bonneville

Additional points of diversion if any: _____

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of
_____ 1/4, Govt. Lot _____ B.M., County of _____

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. well, 300 feet deep, with 25 hp motor driven
pump; 6 inch pipe connects well with INEL Research Center, the utilization facility.

MICROFILMED

NOV 08 1980

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For cooling purposes from 05/01 to 10/01 amount .67 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) .67 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 152.5 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) Cooling

10. Description of place of use:

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

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

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
2N	38E										L								

Total number of acres irrigated N/A

11. In which county (ies) are lands listed above as place of use located? Bonneville

12. Do you own the property listed above as place of use? Yes X No _____
If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.
_____ or None (X)

14. Remarks:

MICROFILMED
NOV 08 1990

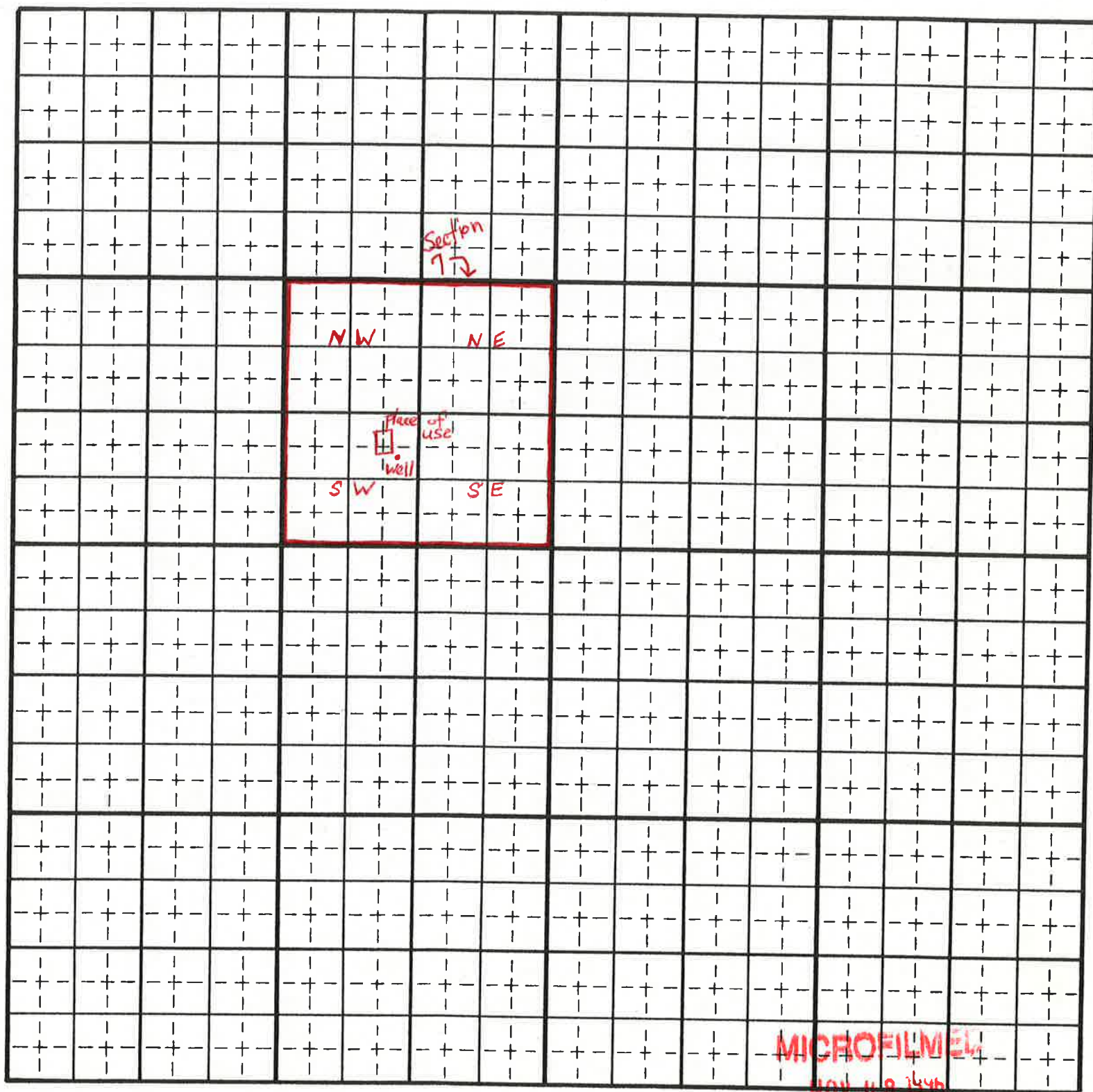
Last Name _____ Ident No. _____

Copies: White -State, Yellow-Claimant

Map of Project: show clearly the point of diversion, place of use, section number, township, and range number.

Scale: 2 inches equals 1 mile

T 2N, R 38 EBM



Last Name _____ Ident No. _____

Copies: White-State, Yellow-Claimant

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License X Permit _____
Decree _____
If applicable provide IDWR Water Right Number 25-7263
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

16. Signature (s)

(a.) By signing below, I/We acknowledge that I/We have received, read, and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments _____

For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant (s) _____ Date _____
_____ Date _____

For Organizations: I do solemnly swear or affirm that I am Acting Deputy Manager

Title

of United States Department of Energy, Idaho Operations Office that I have signed the foregoing
Organization United States Department of Energy
document in the space below as Acting Deputy Manager of Idaho Operations Office
Title Organization

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent Steven S. Milam

Title and Organization Acting Deputy Manager, U.S. DOE-ID Date 7-7-89

State of Idaho/or _____)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 7th day of July 19 89

SEAL

Notary Public Kara Vander Linden

Residing at Idaho Falls, Idaho

My Commission Expires 03/19/92

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, _____ will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature _____

Address _____

Date _____

MICROFILMED
NOV 18 1989

Last Name _____ Ident. Number _____

Copies White-State, Yellow-Claimant

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License X Permit _____
Decree _____
If applicable provide IDWR Water Right Number 25-7263
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

16. Signature (s)

(a.) By signing below, I/We acknowledge that I/We have received, read, and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments _____

For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant (s) _____ Date _____
_____ Date _____

For Organizations: I do solemnly swear or affirm that I am Acting Deputy Manager

Title

of United States Department of Energy, Idaho Operations Office, that I have signed the foregoing
Organization United States Department of Energy
document in the space below as Acting Deputy Manager of Idaho Operations Office
Title Organization

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent Steven B. Milam

Title and Organization Acting Deputy Manager, U.S. DOE-ID Date 7-7-89

State of Idaho/or _____)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 7th day of July 19 89

Notary Public Kara Vander Linden

Residing at Idaho Falls, Idaho

My Commission Expires 03/19/92

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, _____ will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature _____

Address _____

Date _____

Last Name _____ Ident. Number _____

Copies White-State, Yellow-Claimant