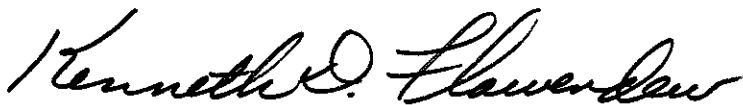


M E M O

Re: Exception to Claim No. 37-4041

I, Kenneth D. Flowerdew, am filing an exception to the above referenced claim due to recent information which has been brought to my attention. This exception is filed based on conflicting information submitted with the Claim and evidence submitted by the applicant since filing their claim with the Department of Water Resources on April 25, 1973. This exception is filed with regard to the following:

1. Based on a letter (copy attached) dated August 8, 1974, from William R. Gossett, Water Resource Engineer, to Carlyle W. Briggs of Briggs and Associates, Consulting Engineers, paragraph 10 specifies that the existing spillway is at an elevation for storing approximately 30 acre feet of water and not 300 acre feet as filed in Claim No. 37-4041.
2. Under item 9 of the remarks in the Claim form, it is stated that existing water rights was decreed to a total of 280 acres of land. This is not a valid figure from the decree. The decree does not give a specific number of acres in each legal description. The decree gives a land description of 280 acres, however, water can only be beneficially applied to a somewhat lesser number of acres than this.
3. Under item 9 of the remarks it is indicated that 3 cfs of water is needed at low periods of the year and is claimed since the year of 1912. The amount of water and the priority date is questioned for two reasons. Had this water been used since 1912, it would have been in the decree which was entered August 27, 1917. Also on September 5, 1974, I personally inspected the area and there is no way this flow of water was available to maintain the reservoirs from Clover Creek water unless that water that was decreed to upstream users would be adversely affected.
4. Under Item 9, the history of the use of water timetable is inaccurate to the best of my knowledge for 1973. Water applied for in Application 30760 was not used on these lands due to the fact that the dam was breached and as of this date still is.



Kenneth D. Flowerdew
Water Resource Technician II
Southern District Office
Department of Water Resources
Twin Falls, Idaho

RECEIVED

AUG 12 1974

Department of Water Resources
Southern District Office

August 8, 1974

Mr. Carlyle W. Briggs
Briggs & Associates, Consulting Engineers
619 Grove Street
Boise, ID 83702

RE: White Arrow Dam

Dear Mr. Briggs:

Your letter of July 26, 1974, concerning design of White Arrow Dam has been reviewed and our comments are as follows:

1. It is not our intention to have the old dam removed necessarily. We merely want to be assured, through data describing material and compaction in the old dam, that the structure would function adequately as a part of the impervious zone of the new higher dam. We will need some specific details of just what is present or what must be present to allow its remaining. I am under the impression that the test pits shown on your plans were located upstream from the existing dam and do not give any information about it.

2. Sideslope and riprap specifications are still needed for the spillway. The riprap in the spillway must extend to the crest of the dam. Section GSE-9 of your specifications which deals with rock riprap is extremely vague and would not adequately provide direction for this important spillway protection.

The spillway rating table must relate flow to reservoir level. Your table neglects the head required to develop the flow velocity. Also, I would imagine a critical depth or drawdown situation might control spillway conditions rather than normal depth flow.

3. There appears to be no reason why the Department should deviate from its standard requiring an upstream gate of at least 12-inch diameter. Such a provision is even more warranted on this dam, where water will be impounded all year, than on many of the irrigation dams that must also comply with this standard and are empty part of each year. If you wish to have an additional valve downstream of at least 12-inch diameter to more easily regulate flows during the irrigation season, we certainly would have no objection.
4. All dams approved by this Department in recent years have used concrete cutoff collars along the outlet conduit. Usually the portion of the collar below the flowline of the pipe has been poured against the excavation and that above has been formed. In this case, since the reservoir will hold water all the time, I think we could approve the use of steel plate for cutoffs provided at least 1/2-inch plate is used. I don't

Mr. Carlyle W. Briggs
RE: White Arrow Dam
Page 2
August 8, 1974

believe we should rely on the coating to protect the steel cutoffs since it would appear unlikely that adequate compaction and protection of the coating would both occur without an extraordinary amount of careful supervision. I see no reason why we could not approve use of fiberglass or other non-metallic cutoff material if its thickness and durability were such that it would be expected to provide permanent protection and resist damage during the construction activity.

I have one additional comment regarding the cutoffs. The U.S.B.R. criteria for cutoffs requires that they be spaced 7 to 10 times their height along the conduit in order to function effectively. The above criteria would require that your cutoffs be spaced 15 to 20 feet. While this would seem excessive for the length of pipe present at this dam, I feel that something on the order of a 12-foot spacing might improve the design.

5. I realize that your specifications include many statements about the embankment material meeting your approval and approved standards, etc.; however, it would create a lot better understanding between you, the owner, the contractor, and this Department if some sort of standards are actually specified and approved prior to construction. We would still be very much interested in reviewing any lab test data you might have at a later date, but some criteria for material gradation, etc. should be provided. We want to be assured that gradation of the pervious and impervious zones are such that migration of fines will not occur, large rocks (over 5 inches) will be excluded from the fill, and compaction will be adequate. One hundred percent of optimum compaction is certainly desirable, but is optimum compaction a relative density of 100 percent, 90 percent, etc.?

Incorporating our rules and regulations in your specifications may help to answer some of these questions - but not all. The specifications would be easiest to follow by all parties concerned if they were all included in one document.

6. No problem with the cutoff trench as modified in your letter.
7. Including our rules would satisfy the requirement for Department control of work and inspection of work as long as you will remember to invoke these requirements when necessary.
8. Our reference to supervision of work by a registered engineer refers only to the fact that you, as engineer, must have sufficient knowledge of, and control of, the project to be able to verify that it has been constructed in accordance with approved plans and specifications.
9. Regarding our requirement for measuring devices: It will not be necessary to try to monitor flow from all the small springs that feed the reservoir. The orifice meter on the outlet will be adequate if provisions to adequately support and protect the pressure tube are included in the plans. Your plans should also specify a stage gage for the reservoir.

Mr. Carlyle W. Briggs
RE: White Arrow Dam
Page 3
August 8, 1974

10. With regard to the fee required for this project, the fee for an enlarged dam is based upon the amount the storage capacity will be increased. (See page 15 of our "Rules and Regulations for Safety of Dams".) According to your plans, the existing spillway is slightly above elevation 90 and the existing storage would be approximately 30 acre feet. The Stage I spillway is at elevation 94.5 which provides approximately 180 acre feet - or an increase of 150 acre feet. The fee schedule would, therefore, call for a fee of \$75 (\$5 per 10 acre feet) on Stage I. Stage II would provide 508 acre feet for an increase of approximately 478 acre feet over what the existing dam will store. This would require a total fee for the entire project of \$240. You may wish to refine the storage quantities for the present dam and at Stage I and this could change the fee slightly, but I wanted to indicate how the fee is set.

In addition to the above items relating to the construction of the dam, you asked about the applicability of several claims to water rights by the owner. These claims would apply to this reservoir, but only to the extent that water under these claims has been beneficially used as set forth in the claim. Your plans indicate that the existing dam has only stored approximately 30 acre feet; therefore, any claim in excess of this amount would not be legitimate and all water desired in addition to this quantity would need to be appropriated under a new application (form enclosed).

Please let me know if you have any questions. We look forward to receipt of final plans.

Sincerely,

WILLIAM R. GOSSETT
Water Resource Engineer

WRG:ldt

Enclosure

May 21, 1973

RE: Claims to a Water Right Nos. 37-4041 - Robert A. and/or Bernardine M. Erkins
37-4040 - Robert A. and/or Bernardine H. Erkins

Mr. Robert A. Erkins
P. O. Box 232
Sunl, ID 83316

Dear Mr. Erkins:

The Department of Water Administration has completed the processing of your claim to a water right, and no further action is authorized under Sections 42-225a and 42-225b of the Idaho Code. Your claim will be retained in our files and will be available at any time for use by you or the court.

As you are aware, the filing of your claim does not, in itself, guarantee you a water right; it only records and preserves the information and the evidence which you included in your claim.

If, at a later date, you find that you have additional information or supporting evidence that you would like to have included in your claim file, you may have that information or evidence added at any time. Please refer to your claim number when corresponding with this office.

We are enclosing, for your records, a copy of the claim. If you have any questions or if we can be of further assistance, please feel free to call upon us.

Very truly yours,

Bob Haynes
District Engineer
Southern District

BH:alw

Enc: Copy of claims

37 4041

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. In order to receive payment, the following certification must appear on the bill:

"I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid."

(signature of claimant)

Very truly yours,

Bob Haynes
District Engineer
Southern District

Bill submitted _____ by _____

37 4041

NOTICE OF CLAIM TO A WATER RIGHT

NO. 37-4041

Notice is hereby given that Robert A. and/or Bernardine M. Erkins,
P. O. Box 232, Puhl, ID
has filed a claim to a water right established by diversion and application
to beneficial use of 300 ~~cubic feet per second~~ acre feet per annum
of water from an unnamed spring, tributary to Clover Creek
with point of diversion in the WSEk, Sec. 27, T. 48, R. 12E, S. 1.
Gooding County

The water is claimed to be used from Jan. 1 to Dec. 31 for fish cultur.
and from April 1 to Oct. 1 for the irrigation of 170 acres
with a priority of August 10, 1962;
the place of use is within the WSEk, Sec. 30, T. 48, R. 12E, S. 1.
Gooding County

Any exception to this claim of water right may be filed with the Idaho
Department of Water Administration, 1041 Blue Lakes Boulevard North, Twin
Falls, Idaho, 83301.

R. KEITH HIGGINSON

Director

Published in the Gooding County Leader, Gooding, ID
on May 3 and May 10, 1973

37 4041

Identification No. _____
Claim No. 37-4041
Map No. _____

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION

CLAIM TO A WATER RIGHT

Established by Diversion and Application to Beneficial Use

Under the provisions of Section 42-225a, Idaho Code, a person may file a claim to a right to use water which has been established by diversion and application to beneficial use. **The filing of this claim does not confirm the water right but will serve for information purposes only.** It may, however, become the basis for future adjudication of the water right by the Court.

(Please refer to the instructions on the back of this form)

1 Name of claimant, Robert A. and/or Bernardine M. Erkins dba White Arrow Ranch
post office address P. O. Box 232, Buhl, ID 83316

2 The point of diversion is in NW $\frac{1}{4}$ of SE $\frac{1}{4}$ Section 29 Township 4S
Range 13E B.M. located on unnamed spring
(name of source)

tributary to Clover Creek in Gooding County.

3 Dates of priority claimed: list the priority for each separate quantity that you claim. Priority dates should be based upon the earliest diversion of the water which has resulted in continued beneficial use since that time. If there has been an interval of five years or greater when the water was not beneficially used for the same purpose as originally appropriated, the priority that you claim should date from the time that the water was again beneficially applied following the period of non-use.

a Date of priority claimed:

Application R 30760 - August 18, 1952 amount: _____ cfs or 300 acre feet
amount: _____ cfs or _____ acre feet
amount: _____ cfs or _____ acre feet
Total claimed _____ cfs or 300 acre feet

b Explain the purpose for which the water has been used and the time during the year when you have used the right claimed:

use Irrigation period of use from April 1 to Nov. 1 (both dates inclusive)
use Fish Culture period of use from Jan. 1 to Dec. 31 (both dates inclusive)
use _____ period of use from _____ to _____ (both dates inclusive)
use _____ period of use from _____ to _____ (both dates inclusive)

4 Description of diverting works:

a Surface water diversion dam and/or headgate: material is composed of earth dam with concrete
and 18" steel pipe discharge; length is 910 feet; height is 10 feet;
width at bottom is 50 feet; with at top is 10 feet; explain any increase in diversion capacity since structure was first built, giving dates and estimated capacities if known _____

b Underground water diverting works: is well flowing or pumped _____; depth of well is _____ feet; diameter of well is _____ inches; type of pump is _____
capacity of pump is _____ g.p.m.; name and address of well driller is _____

37 4041

attach well logs if available; has there been any change in pump or motor since well was first completed _____; if so give dates and explain _____

c Conveying works: length of ditch to place of use is 1275 feet; width of ditch at top is 5 feet; width of bottom of ditch is 4½ feet; depth of water is 1½ feet; grade of ditch per 1000 feet is 2½ feet; material through which ditch passes is dirt, gravel, lava rock; maximum length of pipe line to first place of use is 60 feet; diameter of pipe line is 18 inches; type of pipe steel; grade of pipe per 1000 feet is .5

Please explain any changes or increase in size of conveying system since water was first appropriated giving date and dimensions if possible _____

d If water is stored: name of reservoir unnamed ;
total capacity of reservoir is 300 acre feet; active capacity of reservoir is 300 acre feet;
year construction commenced 1958 ; year completed 1963 ; date first used 1963 ;
period of storage is from Jan 1 to Dec 31 ; is reservoir drained each year no ;
is reservoir on or off stream off explain supplied by "flood & seepage waters from an unnamed spring, a tributary of Hot Springs Creek", see App R30760 & Permit 895,
if feeder canal is used give maximum carrying capacity 20 cfs; if reservoir is off stream describe
location of reservoir by 40-acre subdivisions Sec. 29, T. 4S, R. 13E, B.M. are the following
40 acre subdivisions which describe the location of the reservoir; - SW $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$. See attached map of Aug. 7, 1956. BLM
has there been any enlargement of the reservoir since it was first built no , if so, give dates and
describe _____

5 a Where water is used for irrigation, describe area irrigated by 40-acre subdivisions and give total acres:

[illegible]

Total number of acres to be irrigated 140

Explain any significant increase in area irrigated since first use, give dates and acreages if known none

April 26, 1973

RE: Claim Nos. 37-4040 & 37-4041 - Robert A. and/or Bernardine H. Erkins

Mr. & Mrs. Erkins
P. O. Box 232
Buhl, ID 83316

Dear Mr. & Mrs. Erkins:

Attached are your Receipt Nos. 10861 and 10862 for \$10.00 each for the above referenced Claims to a Water Right which was received in our office on April 25, 1973.

Very truly yours,

Bob Haynes
District Engineer
Southern District

BH:alw

Enc.

37 4041

b Do you get water through a ditch owned by several users? no If yes give the name of the ditch
_____ The other users and their respective
interests in the ditch are (if known) _____

6 Where water is used for stock watering give number of each kind of stock watered live fish Number
unknown but would be many thousands.

7 Where water is used for domestic or municipal purposes give number of families served none
name of town supplied _____

8 Where water is used for other purposes not above enumerated give the nature of use, the extent of use,
and any details regarding the initiation of the right or subsequent later expansion. Be as specific as possible
giving dates and quantities. Besides being used for irrigation, the entire flow is used to
maintain three reservoirs which provide both public and private fishing. The two
smaller reservoirs are also used for fish farm production. The three reservoirs maintain
a considerable number of wild waterfowl such as swan, geese, and ducks. The three
reservoirs are also used for flood control. The reservoir upstream on the spring
flow was also installed to "protect the County (Hill City) Road.

9 Remarks: please explain any details of your claim which you feel need clarification or additional explanation
The claim to these waters goes back to their use over the past 60 years. The first
use of waters in this area were decreed rights in 1882 and 1884. See attached
letter of October 19, 1971 from the Department of Water Administration. These waters
were from the White Arrow Hot Spring. See attached paper "GROUND WATER OF SNAKE RIVER
PLAIN, IDAHO". An "APPLICATION FOR PERMIT" was made by Richard J. Bostrom. The
Application No. was R 30760 and the Permit No. was R 895. A copy of this is
enclosed. It is dated August 28, 1952. It was cancelled October 18, 1968. Work
was completed and certified by Ralph W. Thomas, Deputy State Reclamation Engineer
on August 16, 1963. A flood made a washout in the upper reservoir dike in 1965.
The owner of the property, R. J. Bostrom did not willfully abandon his right to the
reservoir, the right-of-way granted by the U. S. Bureau of Land Management, the
storage waters, or the waters that flowed through the area, but rather was unable
to repair the damages because of illness. He was in a rest home for a long period
of time prior to his death in 1970. During this time the land was used for cattle.

State of Idaho

County of Blaine

Be it known that the undersigned, being duly sworn deposes and says that he, she, they subscribed the
foregoing claim to a water right, together with all attached information and that the matters and facts therein are
true to the best of the affiants knowledge

Sworn to before me this 24th day of April 19 73

Annardine M. Erkins
Claimant

George D. Hatchman
Notary Public

Residing at Dull, Idaho

My commission expires Jan. 1, 1977

For Department Use Only

Received by <u>alw</u> Date <u>4-25-73</u>	Exception filed by:	Forwarded to	Date
Prelim check by <u>alw</u> Date <u>4-26-73</u>		claimant by:	
Fee received by <u>alw</u> Date <u>4-26-73</u> Fee \$ <u>10.00</u>			
Approved for publication by <u>alw</u>			
Published in <u>Gooding County Leader</u> Dates <u>5-3 &</u>			
<u>alw</u> <u>5-10-73</u>	<u>37</u>	<u>4041</u>	

Department of Water Administration

MAY 23 1973

7 11 PM '73

INSTRUCTIONS

Your claim should set forth all necessary information to describe your claimed right. Failure to give enough information may make your claim of little value. Some of the items in the form may not apply to your situation. Please use additional sheets if space provided is not sufficient to fully answer the questions.

Paragraph No.

1. Give full name and post office address of person or company making the claim.
2. Describe the point of diversion by 40-acre subdivision. Give the name of the source, the drainage to which it is tributary if surface water, and the county in which the point of diversion is located. If there is more than one point of diversion, list others in the remarks section.
3. Give the priority dates and the quantities of water that you claim. You should accurately list the dates that you initiated each new use of the water. List separately the dates and amounts of water involved in each enlargement of the diversion. (Example: if you diverted 0.8 c.f.s. of water for irrigation on May 18, 1871, for the first time for use on 40 acres of land, and then later you enlarged the diversion by diverting an additional 0.4 c.f.s. of water to irrigate an additional 20 acres of land on June 1, 1901, your right should be described as follows:

Date of priority claimed: May 18, 1871 amount: 0.8 c.f.s. or _____ acre feet
June 1, 1901 amount: 0.4 c.f.s. or _____ acre feet
Total claimed: 1.2 c.f.s. or _____ acre feet

Since the water was used for irrigation between April 1 and October 31 on that particular farm, part b. would be completed as follows:

- use irrigation period of use from April 1 to October 31 (both dates inclusive). If the water had been used for any other purpose, you would have described the priority date, amount, use, and period of use in a similar manner.
4. Describe the diversion works and explain any changes since the right was first initiated.
 5. If the water is used for irrigation, give the total acreage and list the lands irrigated by 40-acre subdivisions and complete the other questions.
 - 6, 7, & 8. Describe any other uses of water.
 9. In the remarks section, give any information or details that you feel are not fully covered or that need clarifying. You might explain your operation, where the water is returned to if for an industrial or non-consumptive right, the condition and temperature of the returned water, and any other information to help explain your claim.

You may wish to include as a part of your claim, affidavits of witnesses who are familiar with your right and who have a personal knowledge of the circumstances which you have described in your claim. You may submit maps, drawings, certified copies of posted notices which may have been filed in the county courthouse, water measurement records, or any other document which you feel will support your claim.

Your claim will be advertised in a county newspaper for two weeks. Exceptions to your claim which dispute the water right that you have described may be received by the Department of Reclamation and you will be provided a copy of such exceptions.

The fee for filing a Claim to a Water Right is \$10.00. Your claim and fee may be submitted to one of the following offices:

Northern District
Idaho Dept. of Water Administration
401 Front Avenue, Room 209
Coeur d'Alene, Idaho 83814

Southern District
Idaho Dept. of Water Administration
1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301

Eastern District
Idaho Dept. of Water Administration
240 South Holmes
Idaho Falls, Idaho 83401

Western District
Idaho Dept. of Water Administration
Statehouse - Annex 2
Boise, Idaho 83707

DEPARTMENT OF WATER ADMINISTRATION
CLAIM TO A WATER RIGHT
ROBERT A. & BERNARDINE M. ERKINS
dba WHITE ARROW RANCH

9. (continued)

on a lease basis. The waters flowed onto the lands and sank into the soil. This provided water for the grazing and also meant that all waters went into the ground and did not return to Clover Creek. See attached map CNP-2T, R.J. Bostrom.

In August 1971, Mr. & Mrs. Robert Erkins purchased White Arrow Ranch from the Estate of Richard J. Bostrom, deceased. The break in the lower two reservoirs was repaired and land used for grazing that fall. The level of the reservoirs (the two lower ones) water was again built up to its proper height for fish farm use and excess waters were put into Clover Creek which reestablished that flow for the first time in 6 years. An agreement was reached with the U.S. Bureau of Land Management to rebuild the dike and restore the water level in the upper reservoir. See attached survey map of August 2, 1956 dated August 7, 1956 by BLM.

Enclosed letter from Idaho Fish and Game Department of July 6, 1972 is enclosed. The letter was written after a review of the rebuilt dike was made by Conservation Officer Edward B. Scholes to be sure that the waters were being put to beneficial use for a commercial fish farm. This was a program developed by R.J. Bostrom in the 1940s when he charged for fishing in the pond waters that he developed.

At the present time, we are plowing and seeding 100 acres of land. Waters from the reservoirs will be used to irrigate these lands. Another 40 acres will be irrigated for grazing from the same water source. Prior to irrigation, the waters will be used as they have been used for the past 20 years to maintain a commercial fishery. Excess water is discharged into Clover Creek.

The waters that have been developed under Application No. R 30760 and Permit No. 895 arise as spring waters as shown on the enclosed map. It would appear that part of these waters might be natural springs and part be waters seeping through a lava dike from Clover Creek. It would therefore be necessary that Clover Creek waters be permitted to seep through in an amount of at least 3 c.f.s. at the low period of the year in order to maintain the level of the three reservoirs and operate the fish farm.

The Application R. 3076 and Permit R 895 seems very clearly to show that R.J. Bostrom did put the waters to beneficial use. The easement from the BLM further shows this. A letter of October 29, 1971 and also of January 14, 1972 from (Mrs.) Victoria R. Thomas, a niece of R.J. Bostrom, indicates a willingness to confirm any matters in question as she lived on this property as a small girl. Copies of these letters are enclosed. Application No. R 3076 further states on page 2-

"The waters from this filing will be supplemental to existing water rights. (See letter of October 19, 1971 Depart. of Water Administration) The above stated water right is decreed to a total of 280 acres, and is inadequate to irrigate said lands."

Bostrom further states, " That portion of the water described as "Flood Waters" ...has from year to year caused damage...during a period of some 40 years", and, " The existing dam has served to increase the beneficial use of the aforesaid springs and seepage water, and has served to put to beneficial use a part of the flood waters previously of use to no one."

DEPARTMENT OF WATER ADMINISTRATION
CLAIM TO A WATER RIGHT
Robert A. & Bernardine M. Erkins
dba White Arrow Ranch

9. (continued)

One page 2, Bostrom also enters the date July 1947 in which he states, "When in July 1947, ... the aforesaid levee was heightened to the proportions of a dam"

It would appear that the history of the use of water on this property is therefore as follows:

- 1882. 1.2 cfs decreed to Belle Hess from White Arrow Hot Spring.
- 1884. 0.8 cfs decreed to Lester Butler, from White Arrow Hot Spring.
- 1912. Application dated 1952 states by Brostrom that for a "period of some 40 years" the water flowed. This flow is 3 c.f.s. at its low period.
- 1947. Levee built some time prior to this to put this 3 c.f.s. to beneficial use according to Bostrom statement in Application 30760.
- 1952. Application R. 30760 to store 300 acre feet per annum, from waters flowing a maximum of 20 c.f.s. Lower reservoirs used as fishery.
- 1956. BLM permit to an easement for a reservoir approved July 23, 1958 in Gooding County T4S R13EBM Sec 29 W $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$
- 1963. Work completed on Application No. R-30760; given Permit No. 895.
- 1965. Illness of R.J. Brostrom.
- 1965. Washout of levee. Water continues to flow into levees (dams) built before 1947. Waters also used as fishery. Land used for grazing on lease basis.
- 1970. Death of owner.
- 1971. Sale of land to Mr. & Mrs. Erkins. Construction started on rebuilding lower dams. Water level raised and overflow which had been seeping into ground now discharged into Clover Creek. Cattle grazing carried out.
- 1972. Cattle grazing carried out on a lease basis. 100 acres of land leveled. Fish farm layout approved by Idaho Fish and Game Department.
- 1973. Land plowed and seeded. Water applied for in Application 30760 ready to be used on land. Fish farming project continues.

From the records available, it seems that the waters were first used about 1912. That Bostrom used these waters in a fishery on or before 1947 and that this beneficial use has been carried on without interruption from then to the present. That Bostrom used these waters for irrigation until 1965 when the dam had a break and illness did not permit him to repair it. However the waters still were available and flowed into the lower reservoirs where they were used as a fishery supply and for irrigation. When a break developed in the lower dam (date unknown), the waters flowed out into the fields where they sank and were unavailable to others for use. This was a period from 1965(?) to 1971 when Mr. & Mrs. Erkins repaired the break, letting the excess waters flow into Clover Creek.

The dates of 1912 for use of 3 c.f.s. is claimed on the basis of Application R30760 and the statements contained therein; and August 18, 1952 for the storage of 300 acre feet.

STATE OF IDAHO

DEPARTMENT OF WATER ADMINISTRATION

Statehouse - Annex 2
Boise, Idaho 83707
(208) 384-2215



R. Keith Higginson
Director

Water Rights Administration
Water Resource Investigations
Dam and Reservoir Safety
Water Well Drilling
Flood Plain Management
Irrigation and
Flood Control Districts

RECEIVED

APR 10 1973

Department of Water Administration
Southern District Office

October 19, 1971

Mr. Robert A. Erkins, Pres.
Thousand Springs Trout Farms, Inc.
Box 232
Buhl, Idaho 83316

Dear Mr. Erkins:

In answer to your letter of October 18th, please find enclosed a copy of Permit No. R-895 which was cancelled October 15, 1968. The fee for this copy is \$1.50, which you may remit to this office at your convenience.

In checking our records, we also found decreed rights as follows:

1.2 c.f.s. of water decreed to Belle Hess with a priority of April 1, 1882, to be used within the SENE, SWSE, E $\frac{1}{2}$ SE, Sec. 30, Twp. 4 S, Rge. 13 E, B.M.

0.8 c.f.s. of water decreed to Lester Butler with a priority of June 1, 1884, to be used within the N $\frac{1}{2}$ NE, SENE, Sec. 31, Twp. 4 S, Rge. 13 E, B.M.

If we may be of further assistance, please advise.

Very truly yours,

Bobby D. Fleenor
BOBBY D. FLEENOR
Assistant Director

BDF:DR
Enclosure

37 4041

RECEIVED

APR 10 1971

Department of Water Administration
Southern District Office

2714 B $\frac{1}{2}$ Road
Grand Junction, Colo.
Oct. 29, 1971

Dear Mr. & Mrs. Erkins,

We received your letter of Oct. 18th and have given it much thought.

I do not have the dates and some of the facts clear in my mind and will check on them next time I am in Gooding. (which should be next month).

Glad you are getting White Arrow back to a productive state. There are so many possibilities that it will take a great deal of foresight to make it profitable.

I plan to return the affidavit you sent as soon as I can verify and complete the details.

Sincerely,

Victoria F. Thomas

Gooding, Idaho
January 14, 1972.

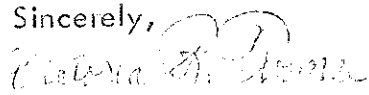
Mr. & Mrs. Robert Erkins
Box 232
Buhl, Idaho

Dear Mr. and Mrs. Erkins:

If you should need me as a witness at a hearing I would be able to state only what I know personally. Any of the materials which are "hearsay" could then be brought out at the hearing (those that I know only from conversation with various other members of the family). Then the adjudicating court would have the right to sift the evidence and determine what, if any, part of my testimony is firsthand and useable.

Thank you for your confidence in my memory.

Wishing you a very happy and successful 1972.

Sincerely,

VICTORIA R. THOMAS

enc. 2 10758

JOSEPH C. GREENLEY
Director

IDAHO FISH AND GAME DEPARTMENT

CECIL D. ANDRUS
Governor

P.O. Box 138
Jerome, Idaho 83338

July 6, 1972

Mr. Robert A. Erkins
Thousand Springs Trout Farms, Inc.
P.O. Box 232
Buhl, Idaho 83316

Dear Bob:

Enclosed are Fish and Game application forms for your use in reapplying for commercial fish waters permit on ponds to be constructed west of the existing ponds on your White Arrow Ranch north of Bliss, this is form CE-51, and form CE-15 for applying for semi-private fish pond permit for the two existing ponds, which lie partially on BLM land along the east border of your ranch.

Please send the completed forms to Conservation Officer Ted Chu, 326 Montana Street, Gooding, Idaho 83330.

Sincerely,



Edward B. Scholes
Regional Conservation Officer
Magic Valley

EBS:le
cc: Hill
Chu

Discharge, in second-feet, of upper Malad Springs

[Measuring section located 400 feet above upper dam in sec. 25, T. 6 S., R. 13 E.]

Date	Dis-charge	Remarks
Sept. 18, 1917.....	600	Records supplied by Twin Falls North Side Land & Water Co.
Apr. 25, 1920.....	621	Records supplied by Idaho Power Co.
June 4, 1920.....	608	Do.
Aug. 9, 1920.....	642	Do.
July 12, 1921.....	621	Records supplied by Twin Falls North Side Land & Water Co.
July 9, 1924.....	606	Records supplied by Idaho Power Co.
Aug. 12, 1924.....	620	Do.
Sept. 5, 1924.....	623	Do.
Oct. 28, 1924.....	638	Do.

Total discharge, in second-feet, of all Malad Springs at mouth of canyon in sec. 34, T. 6 S., R. 13 E.

Date	Dis-charge	Remarks
1902.....	1 090	Records supplied by Twin Falls North Side Land & Water Co.
1910.....	997	Do.
1911.....	998	Do.
Sept. 18, 1917.....	1,133	Do.
Sept. 26, 1919.....	1,145	649 second-feet in Malad flume and 496 second-feet in river. Records supplied by Twin Falls North Side Land & Water Co.
July 8, 1924.....	1 149	953 second-feet in Malad flume and 196 second-feet in river U. S. Geol. Survey Water-Supply Paper 593 p. 257, 1929.
July 17, 1924.....	1 193	1 020 second-feet in Malad flume and 173 second-feet in river U. S. Geol. Survey Water-Supply Paper 593 p. 257, 1929.
Aug. 12, 1924.....	1 191	995 second-feet in Malad flume and 196 second-feet in river U. S. Geol. Survey Water-Supply Paper 593 p. 257, 1929.
Sept. 5, 1924.....	1 190	975 second-feet in Malad flume and 215 second-feet in river U. S. Geol. Survey Water-Supply Paper 593 p. 257, 1929.

The following diversions by the King Hill ditch were being made from the Malad flume at the time of the measurement in 1924: July 8, 293 second-feet; August 12, 301 second-feet; September 5, 274 second-feet. The remainder of the discharge in the Malad flume on those dates was passing through the Malad power plant.

Miscellaneous small springs.—The Twin Falls North Side Land & Water Co. reports estimates of 33 second-feet on September 18, 1917, and 14.8 second-feet on September 24, 1919, of the combined flow of various small springs between the Malad Canyon and Bliss.

THERMAL SPRINGS AND WELLS

WHITE ARROW HOT SPRING

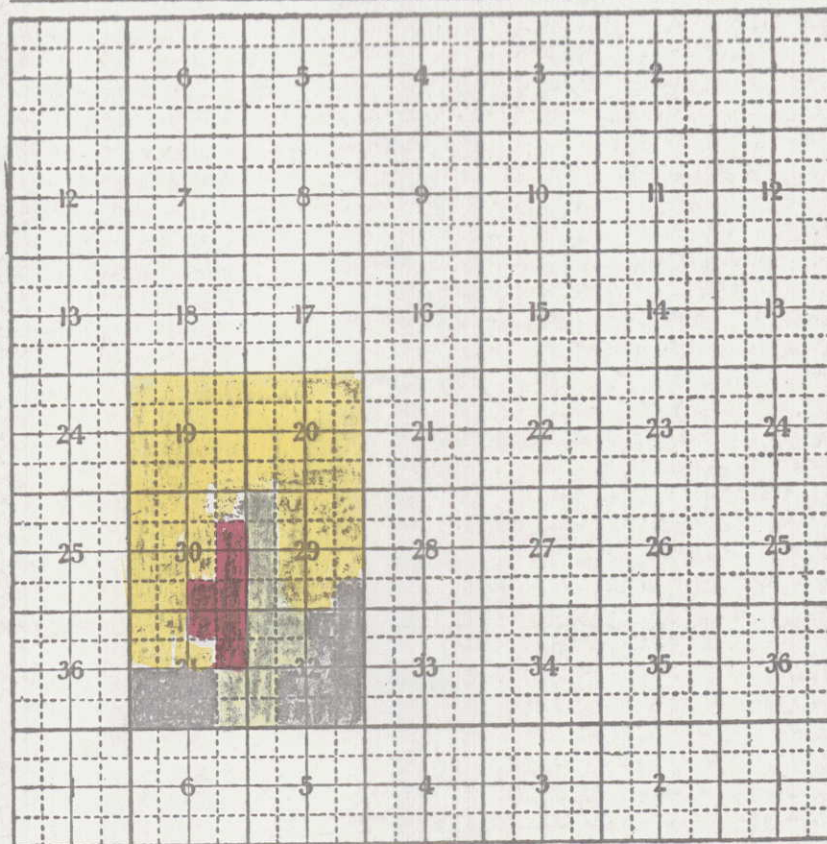
White Arrow Hot Spring is about 16 miles northwest of Bliss, in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 4 S., R. 13 E., at an altitude of about 3,100 feet. There are four vents on the north bank of a dry creek channel near the foothills on the north side of the Snake River Plain. The total discharge was estimated to be about 2½ second-feet on June 28, 1928. The hot water issues from basalt and is used partly for irrigation and partly to supply a natatorium. The temperature of the hottest vent on June 28, 1928, was 149° F. Considerable odorless gas bubbles up in the water.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SMALL TOWNSHIP AND ADJOINING SECTIONS DIAGRAM

Land Office

Township	Range	Meridian
4 S	13 E	Boise



- Rob't. A. Erkins private property
- Stockdriveway Withdrawal PLO 3164 (7-31-63)
- Bennett Hill Multiple-Use Area I-2837 (11-26-70)
- Other Privately owned land
- Vacant & unclassified public land

17-57

NP-2T

North

Sec. 19

Sec. 20

Sec. 30

Sec. 29

HOT SPRINGS

IRRIGATED LANDS

UPPER WATER STORAGE AREA

WATER FLOWS (?) THROUGH LAWA FROM CLOVER CREEK TO SPRING AREA

CLOVER CREEK

LOWER TWO WATER STORAGE AREAS

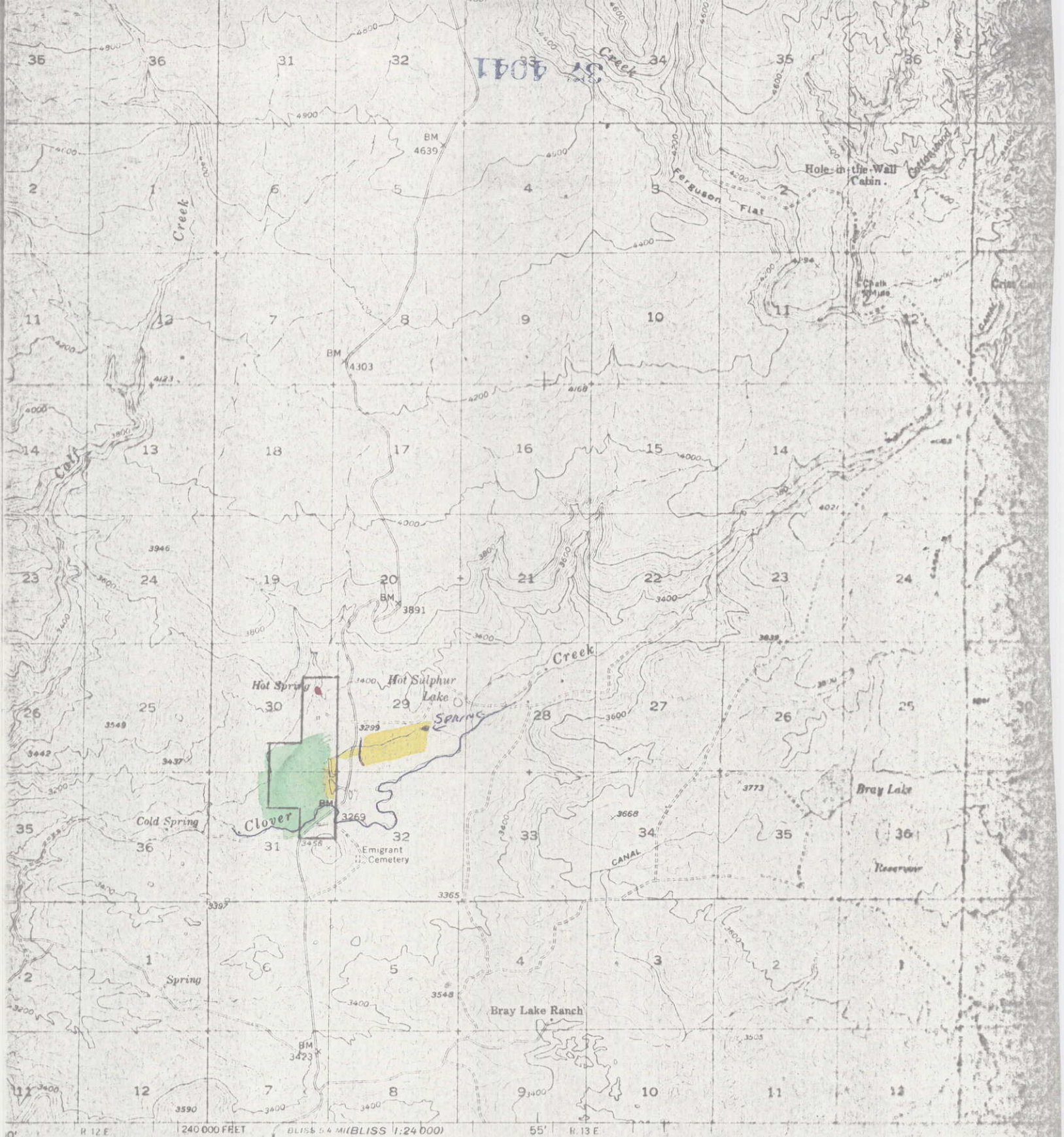
CLOVER CREEK

Sec. 31

Sec. 32

R.J. BOSTROM
Box 103
Bliss, Idaho

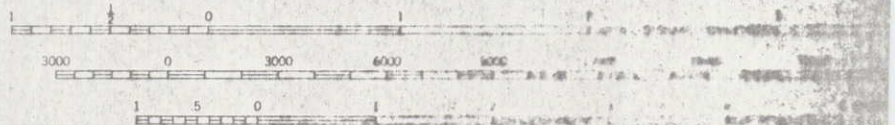
- CLOVER CREEK
- WATER STORAGE AREAS
- HOT SPRINGS
- IRRIGATED LANDS



apped, edited, and published by the Geological Survey
 introl by USGS and USC&GS

ography from aerial photographs by multiplex methods
 rial photographs taken 1954. Field check 1957
 ylonic projection. 1927 North American datum
 ,000-foot grid based on Idaho coordinate system,
 ntral zone
 00-meter Universal Transverse Mercator grid ticks,
 ne 11, shown in blue
 icked elevations are shown in brown

APPROXIMATE MEAN
 DECLINATION, 1957



CONTOUR INTERVAL 40 FEET
 DASHED LINES REPRESENT 200-FOOT INTERVALS
 DATUM IS MEAN SEA LEVEL

THIS MAP CO S WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

SEC. 30

SEC. 29

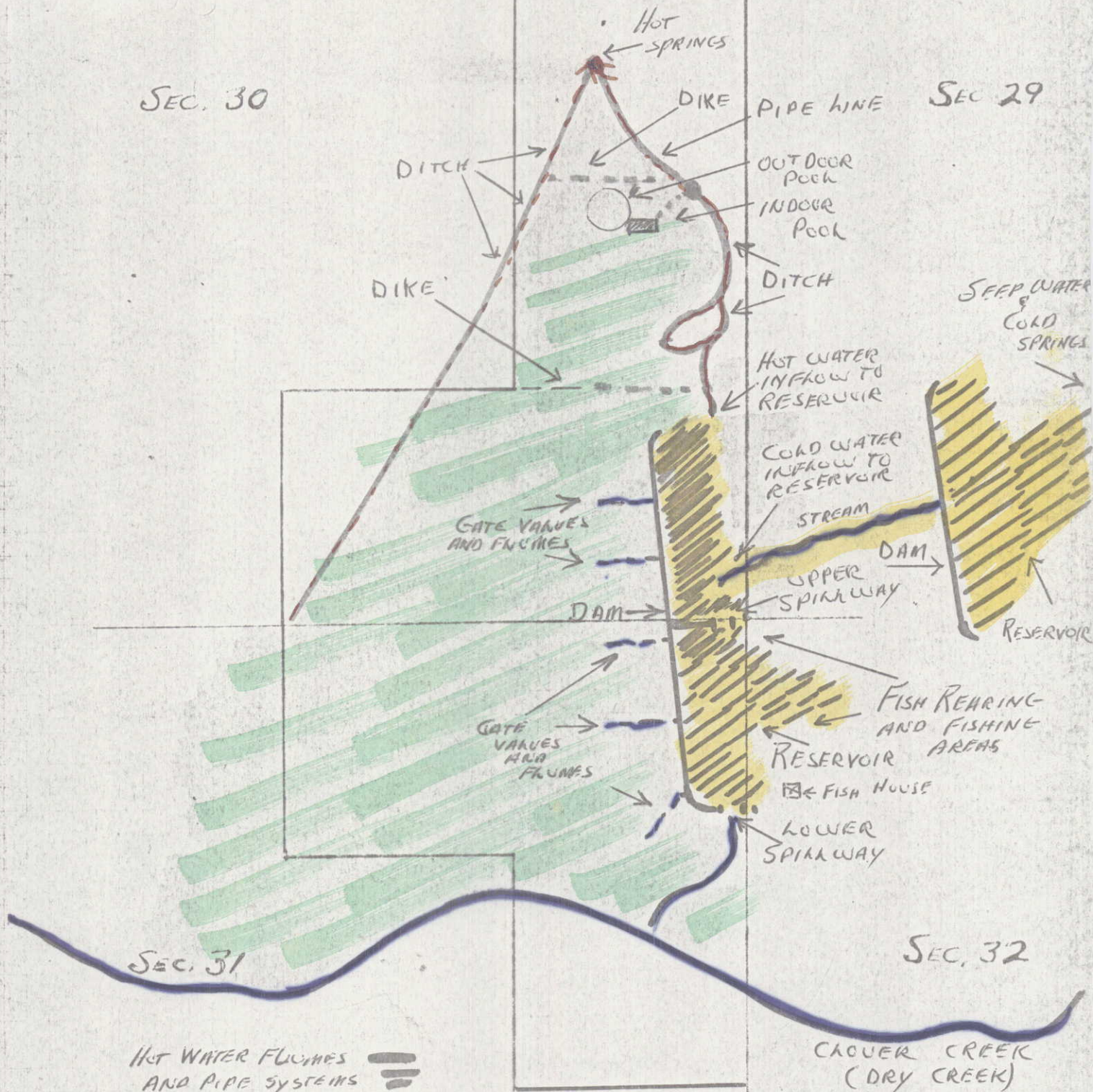
HOT WATER FLUMES
AND PIPE SYSTEMS

COLD WATER FLUMES
AND SYSTEM

LAND UNDER IRRIGATION

WATER STORAGE

37 4041



APPLICATION FOR PERMIT
To Construct a Reservoir and Appropriate and Store
The Public Waters of the State of Idaho

Application No. R 30760
Permit No. R 895

CANCELLED pursuant to Section 42-3
Idaho Code Annotated, by order of
State Reclamation Engineer
dated 10/20/1919

1. Name of Applicant: RICHARD J. BOSTROM

Postoffice address: BLISS

County Gooding

State Idaho

1. If applicant is a corporation, give:

(a) Date and place of incorporation:

(b) Amount of Capital Stock: \$

(c) Amount paid in: \$

(d) Names and addresses of directors:

11. The financial resources of the corporation are:

(a) Cash on hand: \$

(b) Treasury Stock: \$

(c) Bonds to be issued: \$

(d) Other resources:

2. Quantity of water to be stored: 300 acre feet per annum

(Flood and seepage waters from adjacent areas
An un-named stream (Creek) (River) (Spring), a tributary of Hot Springs Creek

3. Source of water supply is: An un-named stream (Creek) (River) (Spring), a tributary of Hot Springs Creek

4. The outlet of the proposed reservoir is located E. 33° 30' 30" 750 feet, distant from the NE corner of Section 30, Township 4 S., Range 13 E., B. M. and is in the SW 1/4 of SW 1/4 of Section 29, Township 4 S., Range 13 E., B. M. County of Gooding

5. Fill out either (a) or (b).

(a) The reservoir is located in the channel of (Creek) (River).

(b) The reservoir is to be filled through a feeder canal, the point of diversion for which is located (bearing) feet distant from the corner of Section Township Range B. M., and is in the 1/4 of 1/4 of

Section Township Range B. M.; width at bottom feet, width at top

feet, depth of water feet, average grade per mile feet; Capacity cubic feet per second

6. (a) The area of the high water line of the reservoir is 40 acres

(b) The reservoir capacity is 300 acre feet

7. Height of reservoir dam 10 feet, length at top 900 feet, length at bottom 900 feet, size of outlet 18" steel pipe (round) feet

by feet. The dam is to be constructed of materials as follows: Earth

(If height will exceed 10 feet, plans must be approved by Department of Reclamation, before beginning construction.)

8. Will water stored in reservoir be diverted to canal or aqueduct, thence to land to be irrigated without commingling with natural flow of

Warm Springs Creek (Creek) (River)? Yes

(b) Water stored in reservoir will be carried in the channel of (Creek) (River), a distance

of miles to point of diversion located (bearing) feet, distant from the corner of Section Township Range B. M., and is in the 1/4 of 1/4 of Section Township Range B. M.

9. (a) Area of watershed above dam site Approx. 10 square miles

(b) Estimated maximum flow of stream 20 cubic feet per second

10. Water is to be used for Irrigation purposes.

11. If for mining, milling, power or manufacturing purposes give:

(a) Point of use of water (bearing) feet, distant from Corner of Section Township Range B. M. and is in the 1/4 of 1/4 of Section Township Range B. M.

(b) Amount of power generated: H. P., under feet head

(c) Water is to be returned to (Creek) (River) (Spring) at a point (bearing) feet

distant from the corner of Section Township Range B. M. in

the 1/4 of 1/4 of Section Township Range B. M.

12. Water stored in accordance with this Permit will be carried to place of use through a canal heretofore constructed under the terms of Permit No. which is hereby referred to and made a part hereof.

13. Kind of diversion works: Small farm ditches

(Dam, canal, flume, pipe, etc.)

14. Height of diversion dam: None feet, length at top feet, length at bottom feet. The dam is to be constructed

of materials as follows:

(If height will exceed 10 feet, plans must be approved by Department of Reclamation, before beginning construction.)

37 4041

15. Size of headgate: Width _____ feet, Height _____ feet.
16. Diversion Canal: Width at bottom _____ feet, width at water line _____ feet, depth of water _____ feet, Dimension of Flume _____ feet.
- _____ Diameter of Pipe _____ inches; Length of Conduit _____ miles. Average grade per mile _____ feet.
17. Estimated cost of Work: Storage Works: \$ 700.00 Diversion Works: \$ 50.00
18. Time required for completion of work Four (4) years.
19. Time required for complete application of water to proposed beneficial use in Five (5) years.
20. The land to be irrigated is described in the following tabulation.

(Give Irrigable acreage in each 40 acre subdivision.)

Twp.	Range	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	
4 S.	13 E.	30															30	30	60
		31	40	40															80

Total Number of Acres to be Irrigated

140

21. Existing rights and/or valid permits appurtenant to lands described in Sec. 20 are 2 cubic feet per second 100 miners inches from the waters of Hot Springs Creek. The waters from this filing will be supplemental to existing water rights. The above stated water right is decreed to a total of 280 acres, and is inadequate to irrigate said lands.

The flood waters herein described have coursed through the applicant's properties listed by applicant at bottom of opposite page. That portion of the waters described as "flood waters" has from year to year caused damage to a north and south levee running through SE 1/4 Section 30 and NE 1/4 Section 31, Twp. 4 S., Rge. 13 E., during a period of some forty years. When in July, 1947, it was noted that the flood waters were coming with increased intensity the aforesaid levee was heightened to the proportions of a dam. The existing dam has served to increase the beneficial use of the aforesaid springs and seepage water, BE IT KNOWN That the undersigned hereby makes application for permit to construct a reservoir and appropriate and store the public waters of Idaho as herein set forth, and that the enclosed map is hereby made a part of this application. (Continue below)

RICHARD J. BOSTROM

Applicant

REMARKS (Continued) and has served to put to beneficial use a part of the flood waters previously of use to no one. The purpose of the reservoir named in this application is (1) To protect the existing dam on the premises of the applicant from damage by flood water, (2) To further impound said flood waters for greater beneficial use; Date of first receipt at Department of Reclamation: 5:00 P. M. August 18, 1952 (3) To protect the County (Hill City) Road.

Returned to applicant for correction

Corrected application received

APPROVAL OF STATE RECLAMATION ENGINEER

The number of this permit is R 895

Recorded in book R 3, page 895 Approved August 28, 1952

This is to certify that I have examined the within application for a permit to construct a reservoir and appropriate and store the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:

Bond in the sum of \$ _____, to be filed on or before _____

Work to begin on or before October 28, 1952 and to continue diligently and uninterrupted to completion, unless temporarily interrupted by circumstances over which the permit holder has no control.

One fifth of the work above specified to be completed on or before August 28, 1954

The whole of said work to be completed on or before August 28, 1956

Beneficial use of water stored in accordance herewith, to be made on or before August 28, 1961

Witness: my hand this 28th day of August

19 52

MARK R. KULP
State Reclamation Engineer.

IN TESTIMONY WHEREOF, We, LEN JORDAN, Governor of the State of Idaho,

and IRA H. MASTERS, Secretary of State of the State of Idaho, have caused this instrument to be executed in

the name of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed, this 28th day of

AUGUST 19 52

Countersigned:

STATE OF IDAHO

(SEAL) IRA H. MASTERS

37 4041

LEN JORDAN

By

Secretary of State.

Governor.

APPROVAL OF STATE RECLAMATION ENGINEER

I, MARK R. KULP, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-895 to August 28, 1956.

Witness my hand this 14th day of August, 1956.

MARK R. KULP
State Reclamation Engineer

APPROVAL OF STATE RECLAMATION ENGINEER

I, MARK R. KULP, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-895 to August 28, 1956.

Witness my hand this 26th day of August, 1956.

/s/ Mark R. Kulp
State Reclamation Engineer

Approved and recorded:
August 26, 1956.

APPROVAL OF STATE RECLAMATION ENGINEER

I, GEO. N. CARTER, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-895 to August 28, 1956.

Witness my hand this 29th day of August, 1956.

/s/ Geo. N. Carter
State Reclamation Engineer

Approved and recorded: August 29, 1956.

EXTENSION OF TIME APPROVAL OF STATE RECLAMATION ENGINEER

I, RALPH W. THOMAS, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-895 to July 23, 1963.

Witness my hand this 19th day of August, 1963.

/s/ RALPH W. THOMAS
Deputy State Reclamation Engineer

Permit No. R-895

CERTIFICATE OF COMPLETION OF WORK

TO ALL WHOM IT MAY CONCERN:

This is to certify that R.J. BOSTON of Bliss, County of Gooding and State of Idaho, the holder of Permit No. R-895, issued upon Application No. R-30760, bearing date of priority of August 10, 1952, authorizing the construction of a reservoir, with the right to appropriate and store 300 acre feet per annum of the waters of an unnamed stream, flood and seepage waters, a tributary of Hot Springs Creek, in the County of Gooding, State of Idaho, for irrigation purposes, has fully complied with the provisions of the laws of the State of Idaho relating to the proof of completion of the work set out and described in said Permit; that said works include a dam and reservoir adequate for the storage of 300 acre feet of water for storage, with adequate diversion works and conduit to the reservoir, and a conduit capable of conducting said water to the place of intended use; that the point of outlet of said reservoir is located in the SW 1/4, Section 27, Township 3 S., Range 13 E., and that the place of use, or the lands proposed to be irrigated by the use of said water are described as follows, to-wit:

Sec. 30; NE 1/4, Sec. 31, T. 4 S., R. 13 E., S. 1 N.

Witness my hand this 19th day of August, 1963.

/s/ RALPH W. THOMAS
Deputy State Reclamation Engineer

Proof of Completion of Work Made: August 16, 1963

37 4041

Affidavit of Publication

RECEIVED

MAY 11 1913

State of Idaho, }
County of Gooding } ss

Department of Water Conservation
Southern District Office

Alfred E. Hazen, being first duly sworn, deposes and says that he is the printer (publisher) of the Gooding County Leader, a newspaper published every week in Gooding, County of Gooding, State of Idaho; that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement

was published once each week for 2 consecutive issues in said newspaper proper and not in a supplement; that the date of the

first publication of said advertisement was on the 3 day

of May, 1913, and the date of the last publication

was on the 10 day of May, 1913

Subscribed and sworn to before me this 10

day of May, 1913
(SEAL)

Nancy Ann Hazen
NOTARY PUBLIC

GOODING COUNTY LEADER

Gooding, Idaho

COST OF PUBLICATION

Number of Lines in Notice.....

Number of Insertions

Lines at 14¢

Lines at 10¢

TOTAL COST.....

COPY OF NOTICE

Title of Notice

Water Right

NOTICE OF CLAIM TO A WATER RIGHT NO. 37-4041

Notice is hereby given that Robert A. and/or Bernadine M. Erkins, P. O. Box 232, Buhl, ID has filed a claim to a water right established by diversion and application to beneficial use of 300 acre-feet per annum of water from an unnamed spring, tributary to Clover Creek with point of diversion in the NW 1/4 SE 1/4, Sec. 29, T. 4S, R. 13E, B.M., Gooding County.

The water is claimed to be used from Jan. 1 to Dec. 31 for fish culture and from April 1 to Nov. 1 for the irrigation of 140 acres with a priority of August 18, 14952; the place of use is within the S 1/2 SE 1/4, Sec. 30; N 1/2 NE 1/4, Sec. 31, T. 4S, R. 13E, B.M.

Any exception to this claim of water right may be filed with the Idaho Department of Water Administration, 1041 Blue Lakes Boulevard North, Twin Falls, Idaho, 83301

R. KEITH HIGGINSON,
Director

5-3-21c

PUBLICATION RATES:

(Idaho Code, (Rev. Statutes) 1956	
7 pt per line straight	14c
7 pt. per line, tabular	20c
7 pt per line, successive insertions	10c
6 pt per line, straight	15c
6 pt per line, tabular	20c
6 pt. per line, successive insertions	10c

No 1855

37 4041

THIS IS TO CERTIFY THAT HAROLD W. FLAKE WHO SUBSCRIBED THE STATEMENT HEREON IS THE PERSON EMPLOYED BY THE UNDERSIGNED APPLICANT TO PREPARE THIS MAP, WHICH HAS BEEN ADOPTED BY THE APPLICANT AS THE APPROXIMATE FINAL LOCATION OF THE WORKS THEREBY SHOWN; AND THAT THIS MAP IS FILED AS A PART OF THE COMPLETE APPLICATION, AND IN ORDER THAT THE APPLICANT MAY OBTAIN THE BENEFITS OF THE ACT OF MARCH 3, 1899, AS AMENDED; AND I FURTHER CERTIFY THAT THE RIGHT-OF-WAY HEREIN DESCRIBED IS DESIRED FOR OBTAINING BENEFICIAL USE OF THE WATERS TO BE IMPONDED WITHIN THE RESERVOIR DESCRIBED HEREIN UPON THE DESIGNATED AREAS, AND FOR AVOIDING DAMAGE DONE BY THE PRESENTLY UNCONTROLLED FLOOD-WATERS IN THEIR COURSE THROUGH THE VERY AREAS WHEREUPON THE SAME WATERS MAY BE PUT TO A BENEFICIAL USE UNDER A PROPER SYSTEM OF CONTROL.

R.O. Boston
APPLICANT

ATTEST:

[Signature]
Manager

2

Areas 1, 2, 3, & 4 consisting of about 135 AC. can be served from this Reservoir by ditches

T. 4 S
R. 13 E

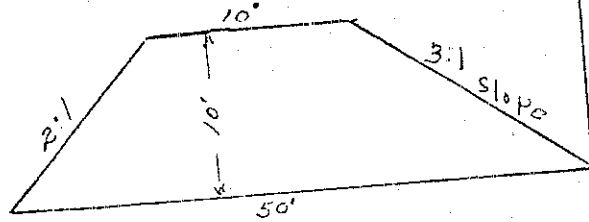
Private

30 29
31 32

3

Land & Survey Office
Boise, Idaho

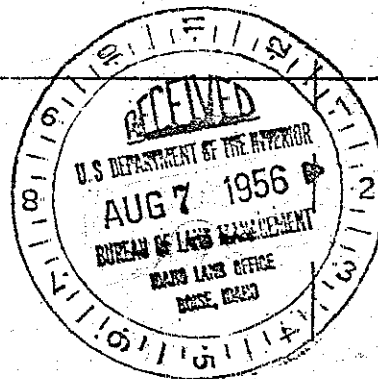
I Hereby certify that the lands contained in this application are vacant Government lands unreserved and unappropriated except as to Sec. 29, SW¹/₄SW¹/₄, NW¹/₄SE, R. 101646, Idaho Power Co. G.D. #5



Dam Cross-section

Manager

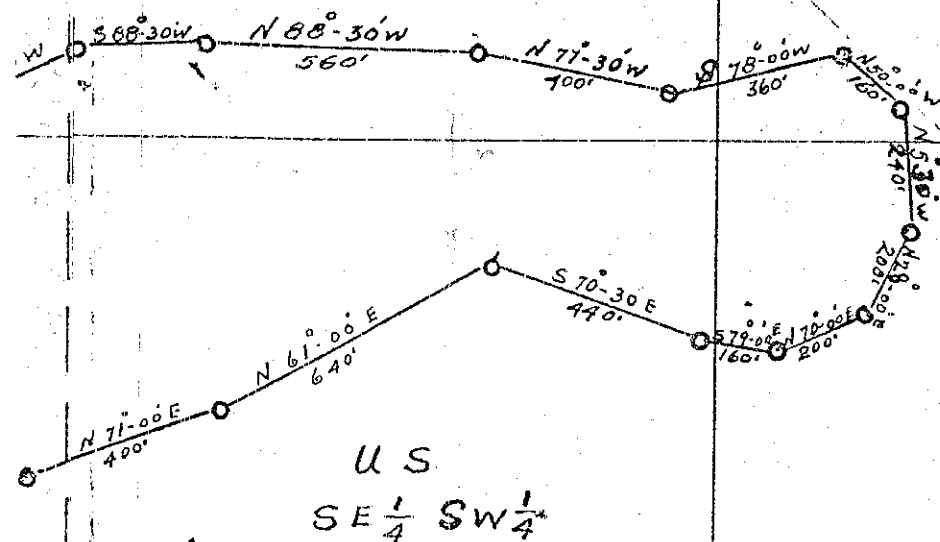
37 4041



U.S.
NE $\frac{1}{4}$ SW $\frac{1}{4}$

U.S.
NW $\frac{1}{4}$ SE $\frac{1}{4}$

ERS
ERS



U.S.
SE $\frac{1}{4}$ SW $\frac{1}{4}$

U.S.
SW $\frac{1}{4}$ SE $\frac{1}{4}$

N

I Harold W Flaka Engineer

Have drawn above Traverse
from notes taken in field
by M.C. Christensen Engineer
Sept. 15 1952 and said
Traverse closes and is

proposed Reservoir
Traverse

R. J. Bostrom

Aug. 2, 1956 Bliss, Ida.

37 4041