

RECEIVED

DEC 16 2005

DEPARTMENT OF
WATER RESOURCES

Harry W. Knox
3420 North Knox Drive
King Hill, Idaho 83633

December 13, 2005

State of Idaho
Dept. of Water Resources
322 E. Front Street
P.O. Box 83720
Boise, Idaho 83720

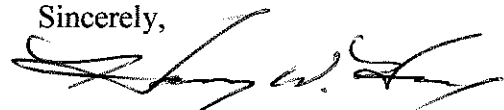
To whom it may concern,

The mailing dated November 19, 2005 containing the 'Notice of Error Reply' was received in our mail on December 2, 2005. This was apparently a result of an address change a few years ago from our rural route to a physical address. Therefore, little time has been allowed to analyze the provided information. I spoke with Sally on 12-2-05 regarding more time to review the data. She confirmed the envelope had been returned to the DWR.

I have provided an attachment with responses to items 1, 2, & 3 of the Notice as well as two letters.

Thank you for your review of this information. I look forward to hearing from you on addressing these concerns.

Sincerely,



Harry W. Knox

Enc. Notice of Error Reply with attachment
SCS LTR 5-7-81
LTR 5-11-81

RECEIVED

11/09/2005

DEC 16 2005

DEPARTMENT OF
WATER RESOURCES

NOTICE OF ERROR
REPLY

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: December 2, 2005

Water right number: 2-4004

HARRY W KNOX II

RIVER RANCH

PO BOX 16

KING HILL ID 83633

Telephone Number: (208)366-7484

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

see attached

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

see attached

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

see attached

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

DATE:

12-13-05

SIGNATURE:

[Handwritten Signature]

Please print your name:

HARRY W. KNOX II

IDWR State Office, 322 E. Front St., P.O. Box 83720, Boise, ID 83720-0098

December 13, 2005

Attachment to 'Notice of Error'

Water right # 2-4004

The original claim was amended by a Notice of Claim dated May 11, 1981.

The 1981 claim was accompanied by SCS information supporting a 2.72 cfs water right based upon 68 acres, soil types, and gravity flow irrigation ($68 \text{ AC.} \times .04 \text{ cfs} = 2.72 \text{ cfs.}$).

The acreage used in the preliminary recommendation is 49 acres and .02 cfs per acre. It further indicates that the stockwater pond shown in the GIS image was not included as either irrigatable ground or a stockwater impoundment, thus no water right recommendation. This pond water right was perhaps overlooked in the 1981 claim. The pond has been fed for decades by the surface water source. However, the preliminary recommendation includes .02 cfs for stockwater, which is not a sufficient flow for this impoundment.

As to the acreage difference, the acreage claimed in 1981 may not have been totally accurate. However, the GIS image indicates the omission of land southwest of the pond as well as land northeast of the pond. Both have always been irrigated even though the southwest piece appears dry in the May 2003 image. The legal descriptions provided in the 1981 claim may have omitted the northeast land.

In summary, it appears the following is necessary: 1) a review of the appropriateness of the reduced water right 2) an adjustment for the actual acreage irrigated 3) a proper description and claim for the stockwater pond.

Ident. No. _____

FACT SHEET
for
Excessive Irrigation Flows

This information is to be submitted with any application for permit for which the irrigation rate of flow requested is more than .02 cfs per acre. One exception is that .03 cfs per acre is allowed for up to five (5) acres.

Soil type and soil profile: Marsing, Garbutt, Turbyfill

Soil water holding capacity: See SCS Letter dated 5-4-81

Soil intake family (if known): " "

Field slope: " "

Anticipated crops: Pasture, Hay

Method of irrigation: Presently sprinkler irrigated

Remarks The farm ground is basically on a gravel bar and it's best use is pasture.

Because of the cost of power it is anticipated that there is sufficient salvage in the

present system to justify conversion to a gravity system using gated pipe. The present

system was developed to be used during a period of time sufficient to clear the large

floaters rocks from the fields. The original claim of 3.6 cfs should be amended to 2.72 cfs to support the future conversion back to gravity.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

282 S. 3rd W., Mtn. Home, ID 83647

DATE: May 7, 1981

SUBJECT:

TO: Mary Knox
Idaho State Bank
Glenns Ferry, Idaho 83623

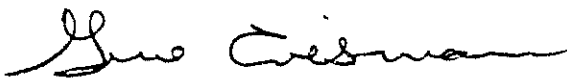
A check was made on your request for justification for a water right of 2 miners inches per acre on your farm.

The soils on the ranch are Marsing, Garbutt and Turbyfill loams to fine sandy loams. Because of the floater rocks, crop production is pretty well limited to pasture.

Pasture has a net water requirement of 26 acre inches based on a growing season from March 15 to October 31. You stated you would need to irrigate from April 1 to October 15 for a total of 198 days.

Based on a seasonal water requirement, 2 miners inches per day would give you an irrigation efficiency of 13%. If we take the peak months of July and August, pasture needs are 6.78 and 5.60 acre inches respectively. 2 miners inches per acre flow would then give an irrigation efficiency of 23% in July and 18% in August with the balance of the year considerably less efficient if water were run continuously at this rate. While 20% is not a good efficiency it is certainly within the range we have observed when making surface irrigation efficiency trials on these type soils.

If you were to convert back to surface irrigation on this place 2 miners inches per acre flow in July and August would probably be needed for peak pasture production.



Gene Crisman
District Conservationist
Mtn. Home, Idaho



May 11, 1981

Donald V. Shaff, Adjudication Supervisor
State of Idaho
Department of Water Resources
92 South Cole Road
Boise, Idaho 83709

Dear Mr. Shaff:

Enclosed please find the Notice of Claim to a Water Right, letter from the Elmore County Soil Conservation Service and my check in the amount of \$85.00 for filing which was inadvertently omitted in Harry's letter of April 28, 1981.

The original water was conveyed by means of a water wheel between 1871 and 1899. Then pipe was added to convey the water to the various fields. The 1912 claim and subsequent 1968 filing were for 3.6 cfs. As I understand Harry, we must file for 2.72 cfs to support our anticipated conversion to gated pipe. At the rate we are proceeding on clearing the rock, it will take a few years to complete, however, Harry has many of them in rows with the use of a cat.

Please contact either Harry or me should anything further be necessary. I trust this will find you in the midst of a fine day.

Sincerely,

Mary S. Knox

Enclosures
MSK: dm