FARMERS FRIEND IRRIGAT

FORM 202
2/96

Ident. No. 01-07136

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant Idaho Water Resource Board Phone (208)327-7900
   Mailing address 1301 N. Orchard St., Boise, ID 83706
2. Source of water supply Snake River which is a tributary of Columbia River
3. Location of point of diversion is Township 4N Range 40E Sec. 36, in the _____ 1/4, SW 1/4, SE 1/4, Govt. Lot _____, B.M., Jefferson County;
   additional points of diversion if any: _____
4. Water will be used for the following purposes:
   Amount 537.0 CFS (cfs or acre-feet per annum) for Groundwater Recharge purposes from 01/01 to 12/31 (both dates inclusive)
   Amount _____ (cfs or acre-feet per annum) for _____ purposes from _____ to _____ (both dates inclusive)
   Amount _____ (cfs or acre-feet per annum) for _____ purposes from _____ to _____ (both dates inclusive)
   Amount _____ (cfs or acre-feet per annum) for _____ purposes from _____ to _____ (both dates inclusive)
   Amount _____ (cfs or acre-feet per annum) for _____ purposes from _____ to _____ (both dates inclusive)
   Amount _____ (cfs or acre-feet per annum) for _____ purposes from _____ to _____ (both dates inclusive)
5. Total quantity to be appropriated is (a) 537.0 cubic feet per second and/or (b) _____ acre feet per annum
6. Proposed diverting works:
   a. Describe type and size of devices used to divert water from the source Headworks of Farmers Friend Irrigation Canal
   b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet
   c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet
   d. Is ground water with a temperature of greater than 85°F being sought? _____
   e. If well is already drilled, when? _____; Drilling firm _____
   Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (*minimum 1 year*)
8. Description of proposed uses (*if irrigation only, go to item 9*):
   a. Hydropower; show total feet of head and proposed capacity in KW. _____
   b. Stockwatering; list number and kind of livestock. _____
   c. Municipal; show name of municipality. _____
   d. Domestic; show number of households. _____
   e. Other; describe fully. Groundwater Recharge using canal systems

9. Description of place of use:

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

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

TWP	RGE	SEC	N E				N W				S W				S E				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. _____

11. a. Who owns the property at the point of diversion? Farmers Friend Irrigation Company

b. Who owns the land to be irrigated or place of use? Farmers Friend Irrigation Company

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: There is an agreement signed by the canal and the Board

12. Remarks: _____

13. MAP OF PROPOSED PROJECT REQUIRED - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

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

Clarence Barr

Signature of Applicant (and title, if applicable)

Received by N/A Date 3-20-98 Time 3:30 P. Preliminary check by _____

Fee $ N/A Receipted by _____ # _____ Date _____

Publication prepared by _____ Date _____ Published in _____

Publication approved _____ Date _____

AN AGREEMENT TO CONVEY RECHARGE WATERS
BETWEEN THE IDAHO WATER RESOURCE BOARD
AND
FARMERS FRIEND IRRIGATION COMPANY

This Agreement is entered into by and between the Idaho Water Resource Board (hereinafter "IWRB") and the Farmers Friend Irrigation Company (hereinafter "Company" or "District"). The purpose of this Agreement is to secure permission for the IWRB to convey waters through the water delivery system of the Company or District to the place of recharge.

NOW THEREFORE, IN CONSIDERATION OF THE PROMISES STATED HEREIN:

1. The Company or District hereby agrees to allow recharge waters to be diverted into its canal system for recharge and conveyance purposes at times when water is available to IWRB for recharge purposes and unused capacity is available in the canal system to carry the recharge waters. The legal description of the point of diversion to the canal system is as follows: T4N R40E Sec 36 SWSE, Jefferson County.

2. The Company or District further agrees to allow the recharge waters to be conveyed unimpeded through its canals and ditches to the place of recharge described as follows: _____.

__ [see appended ATTACHMENT for legal description of recharge site]

3. The parties jointly acknowledge and accept as consideration for this Agreement the water supply benefits expected to be derived from the managed recharge of the state's ground water basins. Subject to the availability of funds, IWRB agrees to pay and the Company or District agrees to accept as additional consideration for this Agreement a per acre-foot conveyance fee, as determined by IWRB, to be paid for the water diverted into and conveyed through the Company's or District's canal system for recharge purposes.

4. IWRB agrees to indemnify and hold harmless the Company or District from all liability and expense on account of claims, suits and costs growing out of or connected with willful or negligent acts, errors, or omissions by its employees or agents, provided, however, that the Company or District shall not be relieved hereby from liability for its own willful or negligent acts, errors, or omissions, and those of their employees or agents.

5. This Agreement shall remain in effect for one year from the date of execution and shall renew annually unless terminated by either party after 90 days written notice.

Robert Barrie
Title: CHAIRMAN
Representing: FARMERS FRIEND CANAL CO, INC
Date: 4 March 98

Chairman
Idaho Water Resource Board
Date: 3/20/98

Fall Recharge.

AQUIFER RECHARGE PLAN

EASTERN SNAKE PLAIN AQUIFER

1. NAME AND ADDRESS OF THE PARTICIPATING ORGANIZATION:

NAME Farmers Friend Canal

ADDRESS Ririe, ID. 83443 P.O. Box 394

CONTACT PERSON Robert Barrie - Larry Lovell - wm

PHONE 522-1475

ADDRESS

2. PROPOSED BEGINNING AND ENDING DATES OF RECHARGE:

ANTICIPATED STARTING DATE: 1 OCTOBER 96

ANTICIPATED ENDING DATE: 1 November 96

3. AMOUNT OF WATER REQUESTED: 9000 Acre-feet.

4. MAP OF RECHARGE AREA

Attach a map of the recharge area paying specific attention to location of features directly related to the recharge effort. This would include such things as measuring devices, seepage pits, injection wells etc. These features should be indicated on the map and then identified and described below.

A. Water Resources Monitor Weir B. Cleverly Ditch Diversion

C. End Cleverly - no outlet D. FF Canal dumps into Willow Cr. (Shut off at end)

E. F.

G. H.

I. J.

K. L.

5. MEASUREMENT FREQUENCY FOR EACH MEASURING DEVICE IDENTIFIED IN 4.

A. Twice Daily

B. Daily (gate opening at weir)

C. Daily weir meas-

D. Daily (weir at)

E.

F.

G.

H.

I.

J.

K.

L.

6. WRITTEN SUMMARY OF PROPOSED RECHARGE PLAN

This summary should include such things as time limited elements of the plan, the measuring devices and procedures that will be used to identify water that is diverted but not recharged.

Farmers Friend Canal was opened solely to recharge on 10CT96. *(With exception of incidental stock watering) This recharge effort will continue until shut-off on 1NOV96.

The daily rate of flow is estimated at 148CFS. The flow is monitored at the Water Resources Monitoring Weir, Cleverly Ditch Diversion, End of Cleverly and end of Farmers Friend Main. At the Cleverly Ditch Diversion, end of Cleverly and end of Farmers Friend, weirs are used to calculate water flows and losses for recharge. There is no loss back to river due to gates being shut on Cleverly and Farmers Friend Main. *There are a series of sinks along the main and the Cleverly that aid in the Recharge effort. *Total Volume applied for

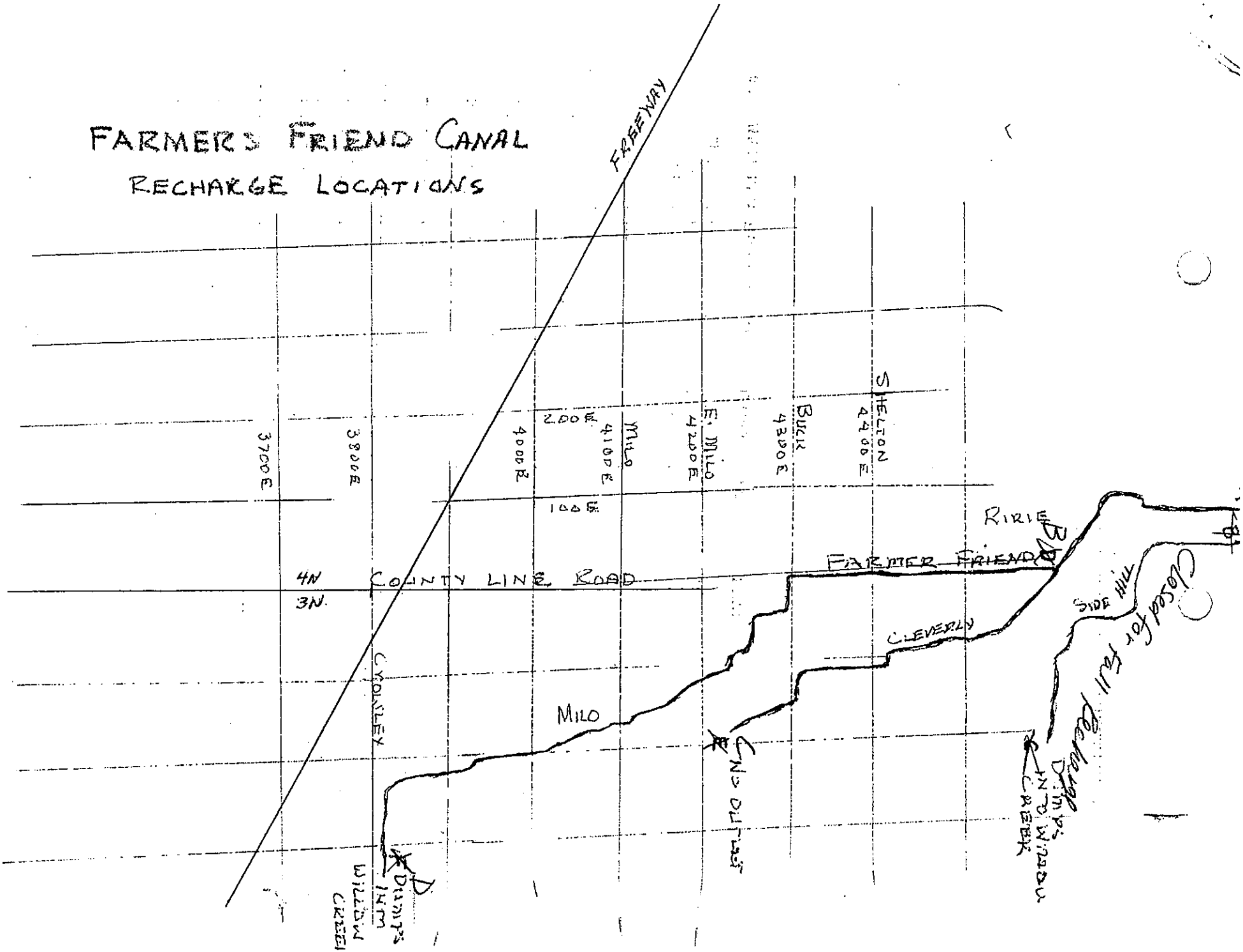
6. CONTINUED

recharge is 9000 AFA. Measuring points are measured daily.

SUBMITTED BY Larry Lovell DATE 10/21/96

WATERMASTER REVIEW _____ DATE _____

DIRECTOR'S REVIEW _____ DATE _____

WATERBOARD APPROVAL _____ DATE _____

FARMERS FRIEND CANAL
RECHARGE LOCATIONS