

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO(S). 73-11971.
 NAME Preston E. Dixon
 ADDRESS PO Box 367 Challis ID 83226
 PHONE 208 940-0286

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 11.9 ACRES.

2. SHOW THE NUMBER OF ACRES OF CROPS GROWN FOR YOUR IRRIGATION SYSTEM(S) DURING A TYPICAL SEASON

	Border	Furrow	Corrugation	Sprinkler	Contour Ditch	Other
Alfalfa						
Beans						
Field Corn						
Silage						
Spring Grain						
Winter Wheat						
Orchard						
Pasture						
Potatoes						
Sugar Beets						
Other *					11.9 ac.	

* ALFALFA/GRASS Mix.

PLEASE COMPLETE ITEMS 3 THROUGH 8 FOR EACH OF THE IRRIGATION SYSTEM TYPES SPECIFIED ABOVE

3. BORDER (COMPLETE BELOW BASED ON PEAK USE)

inflow to border (cfs)	border width (feet)	border length (feet)
field slope (%)	set time (hours)	number of borders per set
frequency (days)		

4. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow to furrow (gpm)	furrow spacing (inches)	furrow length (feet)
field slope (%)	set time (hours)	number of furrows per set
frequency (days)		

5. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow to corr. (gpm)	corr. spacing (inches)	corr. length (feet)
field slope (%)	set time (hours)	number of corrugations per set
frequency (days)		

6. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

average nozzle flow (gpm)	nozzle spacing (feet)
lateral length (feet)	lateral spacing (feet)
number of laterals per set	set time (hrs.)
frequency (days)	

7. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

12 inflow to ditch (cfs)	3-4% field slope (%)
1200' ditch length (feet)	N/A distance between ditches (feet)
7-SETS TOTAL TO IRRIGATE number of ditches per set	12 Hr Set set time (hours)
14 DAYS frequency (days)	

8. OTHER IRRIGATION SYSTEM TYPE (specify)
(COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs)	total area irrigated per set (acres)
field slope (%)	set time (hrs.)
frequency (days)	

9.

CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH-SPECIFY SOIL TYPE

GRAVELLY LOAM

8,200' (.6% SLOPE) 12" 8'
 length (feet) ave. depth from land surface (inches) ave. top width of water surface (inches)

LINED DITCH-SPECIFY TYPE OF LINING

 length (feet) ave. depth from land surface (inches) ave. top width of water surface (inches)

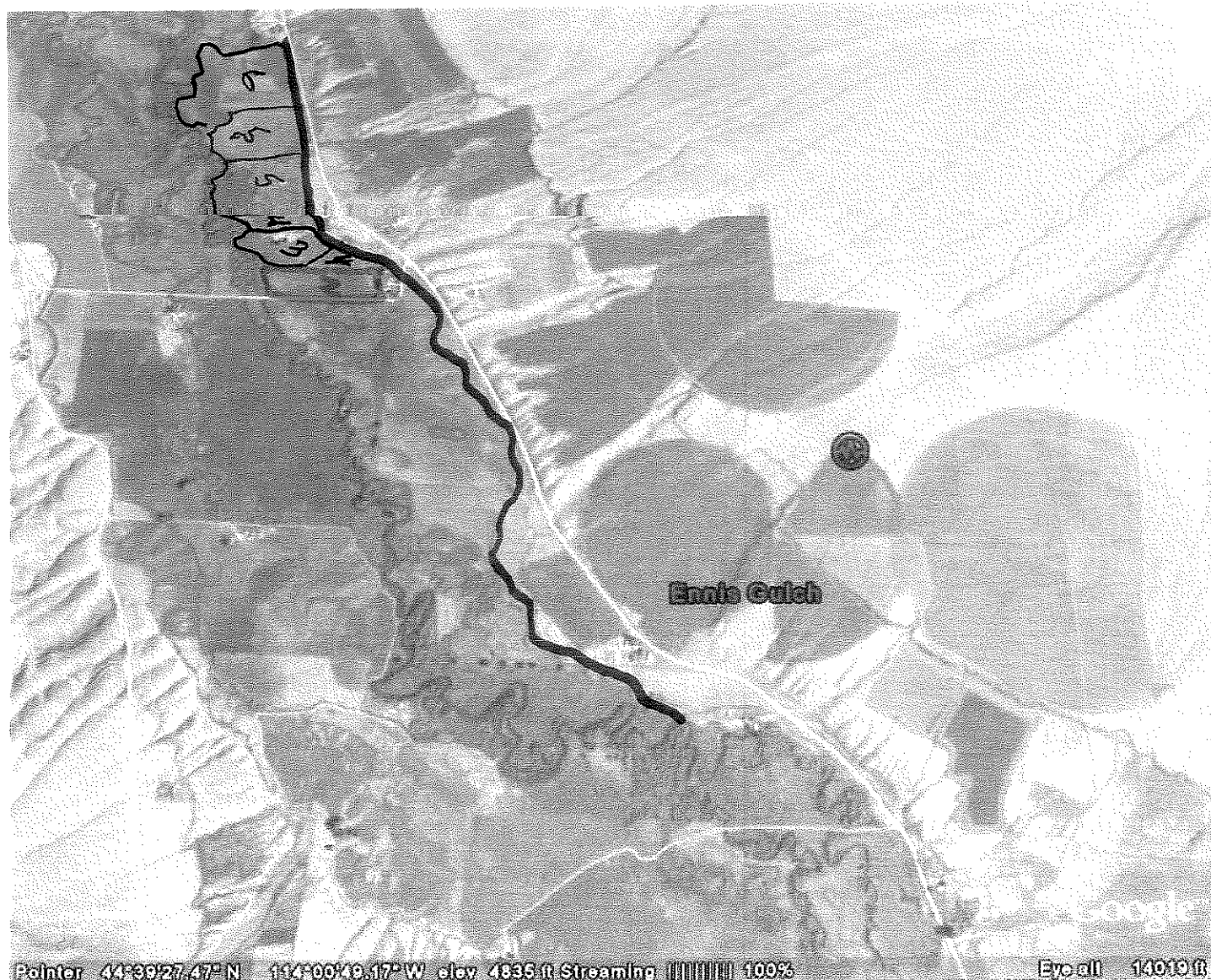
PIPELINE

 length (feet) diameter (inches)

IS THIS CONVEYANCE SYSTEM SHARED BY OTHER WATER USERS? Y

IF YES, PLEASE DESCRIBE OR SKETCH THE SYSTEM SHOWING THE NUMBER OF WATER USERS, LOCATION OF HEADGATES, LENGTHS ETC.

The ditch is 8200' long and is shared
 by 6 users. User #1 uses a continuous
 amount of water while the rest of the users
 rotate use of the entire flow.



- ditch

- user # 1

- user # 2

- user # 3

- user # 4

- user # 5

- user # 6

10. ON-FARM DISTRIBUTION SYSTEM-DRAW A SIMPLE SKETCH OF YOUR ON-FARM WATER DISTRIBUTION SYSTEM. AN AERIAL PHOTO/FARM PLAN WITH THE IRRIGATION SYSTEM SKETCHED ON IT MAY BE USED. THIS SKETCH MUST INCLUDE THE FOLLOWING INFORMATION FOR EACH REACH: LENGTH, TOP WIDTH OF WATER SURFACE, DEPTH FROM LAND SURFACE, SOIL TYPE OR LINING, AND PERCENT OF TOTAL FLOW DURING USE.



top width of ditch 4-6' -
Depth from land surface - 18" -
Soil type - Gravelly loam
% of total flow during use - 100% of
ditch is used

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)

IF YES, PLEASE DESCRIBE:

No

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS? IF YES, PLEASE DESCRIBE OR ATTACH COPIES

Soil Survey exists - Gravelly loam soil.

13. PLEASE INCLUDE ANY FURTHER COMMENTS WHICH WILL AID IN THE EVALUATION OF YOUR WATER REQUIREMENTS.

PLEASE RETURN FORMS TO:

Dept. of Water Resources
Adjudication Bureau
P. O. Box 83720
Boise, ID 83720-0098

P. 6

6/7 10.4 cfs

6/24 12. cfs

7/10 9.5 cfs

7/18 7. cfs

8/3 12. cfs

8/29 12.4 cfs

water master

Dist # 73

T. J. O'Neal

10/23/07

P. 6 Measurement 2006

6/14 - 11.4 cfs

7/7 - 9.6 cfs

8/31 - 7.5 cfs

9/19 - 7.7 cfs

Y. S. Cheal
Watermaster

2
RECEIVED

NOV 19 2007

INSTRUCTIONS FOR IRRIGATION FLOW RATE QUESTIONNAIRE
DEPARTMENT OF
WATER RESOURCES

The information required in this questionnaire will describe your water delivery system and irrigation methods. This information is essential in order for staff of IDWR to evaluate your irrigation water requirements. Much of the information is technical, and you may wish to contact the Soil Conservation Service or other professionals for assistance with this form.

Please provide your name, address, and phone number where you may be contacted for further information or clarification. Include the claim number(s) for those claims where the irrigation flow rate is more than 0.02 cfs (1 miner's inch) per acre.

1. provide the total number of acres irrigated for the claims listed.
2. provide a breakdown in acres of the types of crops grown in a typical irrigation season for each of your irrigation system types.

Items 3 through 8 must be completed for each of the irrigation system types you specified in item 2. This information must be completed as accurately as possible. All information must be based on peak water use during the irrigation season.

Inflow -

this is the flow of water applied to an individual furrow, border, ditch, etc.; proper evaluation requires good accuracy

spacing or width -

this is the distance between individual furrows, border ridges, sprinkler laterals, etc.

length -

this is the maximum length of run of furrows, corrugations, borders etc.

field slope -

this is the slope of the field in the direction of the run of furrows, borders, etc.; specify in percent or give units if specified otherwise

set time -

this is the number of hours that water is applied during an irrigation set

frequency -

this is the number of days between irrigation start times of the same set of furrows or border(s) etc.

9. complete the appropriate items for the main ditch from the point of diversion to the farm; if this ditch is shared by other water users a more complete description of the system will be required

Items 10, 11, 12, and 13 see questionnaire.