



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street, P.O. Box 83720, Boise, ID 83720-0098

Phone: (208) 287-4800 Fax: (208) 287-6700 Web Site: www.idwr.idaho.gov

JAMES E. RISCH
Governor

KARL J. DREHER
Director

August 18, 2006

George Miller
Phillip Miller
50 P Miller Rd.
May, ID 83253

RECEIVED

OCT 04 2006

DEPARTMENT OF
WATER RESOURCES

RE: Snake River Basin Adjudication (SRBA)
Claim/Subcase No. 73-12044

Dear Claimants,

We are requesting additional information on your irrigation water requirements for the Notice of Claim to a Water Right referenced above. The information contained in this claim indicates you are claiming an additional 7.0 cubic feet per second (cfs) for the irrigation of 655 acres.

Please complete the enclosed questionnaire. The information you supply describing your water delivery system and irrigation methods is essential in order for our staff to evaluate this beneficial use claim. Much of the information required is technical; you may wish to contact the Soil Conservation Service or other professionals for assistance with the form.

Please return the completed form to my attention at this office by September 29, 2006. Do not hesitate to contact me if you have any questions.

Sincerely,

Roxanne Brown
Water Rights Supervisor
Idaho Department of Water Resources

Enclosure(s)

Copy of claim
Questionnaire w/instructions
Postage-paid envelope

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) 73-12044
 NAME GEORGE MILLER
 ADDRESS 50 P. MILLER RD - MAY, ID 83253
 PHONE (208) 876-4280

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 655 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 <u>Flood</u>
Alfalfa				<u>365</u>		
Beans						
Field Corn						
Silage						
Spring Grain						
Winter Wheat						
Orchard						
Pasture				<u>150</u>		<u>140</u>
Potatoes						
Sugar Beets						
Other						

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

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

6. **SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)**

6.5 *PASTURE - 150 AC*

average nozzle flow (gpm)	nozzle spacing (feet)
lateral length (feet)	lateral spacing (feet)
number of laterals per set	set time (hrs)
<i>PIVOT</i>	
<i>Continuous After start-up</i>	
frequency (days)	

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

inflow to ditch (cfs)	field slope (%)
ditch length (feet)	distance between ditches (feet)
number of ditches per set	set time (hours)
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)	

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. *Pivot* SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

6.5 *ALFALFA 365 Ac*

average nozzle flow (gpm)	nozzle spacing (feet)
lateral length (feet)	lateral spacing (feet)
<i>2 Pivots</i>	set time (hrs.)
number of laterals per set	
<i>Continuous after Start-up</i>	
frequency (days)	

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

inflow to ditch (cfs)	field slope (%)
ditch length (feet)	distance between ditches (feet)
number of ditches per set	set time (hours)
frequency (days)	

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

FLOOD 140 Ac

<i>1.5</i>	<i>3.5</i>
inflow (cfs)	total area irrigated per set (acres)
<i>4%</i>	<i>8 hr</i>
field slope (%)	set time (hrs.)
<i>8</i>	
frequency (days)	

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH-SPECIFY SOIL TYPE _____

25,500
length (feet)2 ft
ave. depth from land surface (inches)2.5 ft
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

9300 ft
length (feet)15' + 12" + 10"
diameter (inches)

IS THIS CONVEYANCE SYSTEM SHARED BY OTHER WATER USERS? _____

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

152 - Pahsimeroi gravelly loam, 2 to 6 percent slopes

Composition

Pahsimeroi soil and similar inclusions - 90 percent
Contrasting inclusions - 10 percent

Setting

Positions on landscape: on outwash fan and fan terrace
Elevation: 4,500 to 6,000 feet
Average annual precipitation: 7 to 11 inches
Average annual air temperature: 39 to 41 degrees F
Frost-free season: 60 to 90 days

Characteristics of the Pahsimeroi Soil

Typical profile:

0 to 7 inches - pale brown gravelly loam
7 to 17 inches - light yellowish brown extremely gravelly
coarse sandy loam
17 to 32 inches - light yellowish brown extremely cobbly
loamy sandy
32 to 60 inches - very pale brown extremely gravelly sand
Depth class: very deep
Drainage class: somewhat excessively drained
Permeability: moderately rapid in the upper part and very
rapid in the lower part
Available water capacity: 1 to 2 inches
Potential rooting depth: 60 or more inches
Runoff: slow
Hazard of water erosion: slight

Contrasting Inclusions

* A very deep, well drained, very gravelly loam soil, in convex areas
on fan terraces; (10 percent).

Major Use of the Unit

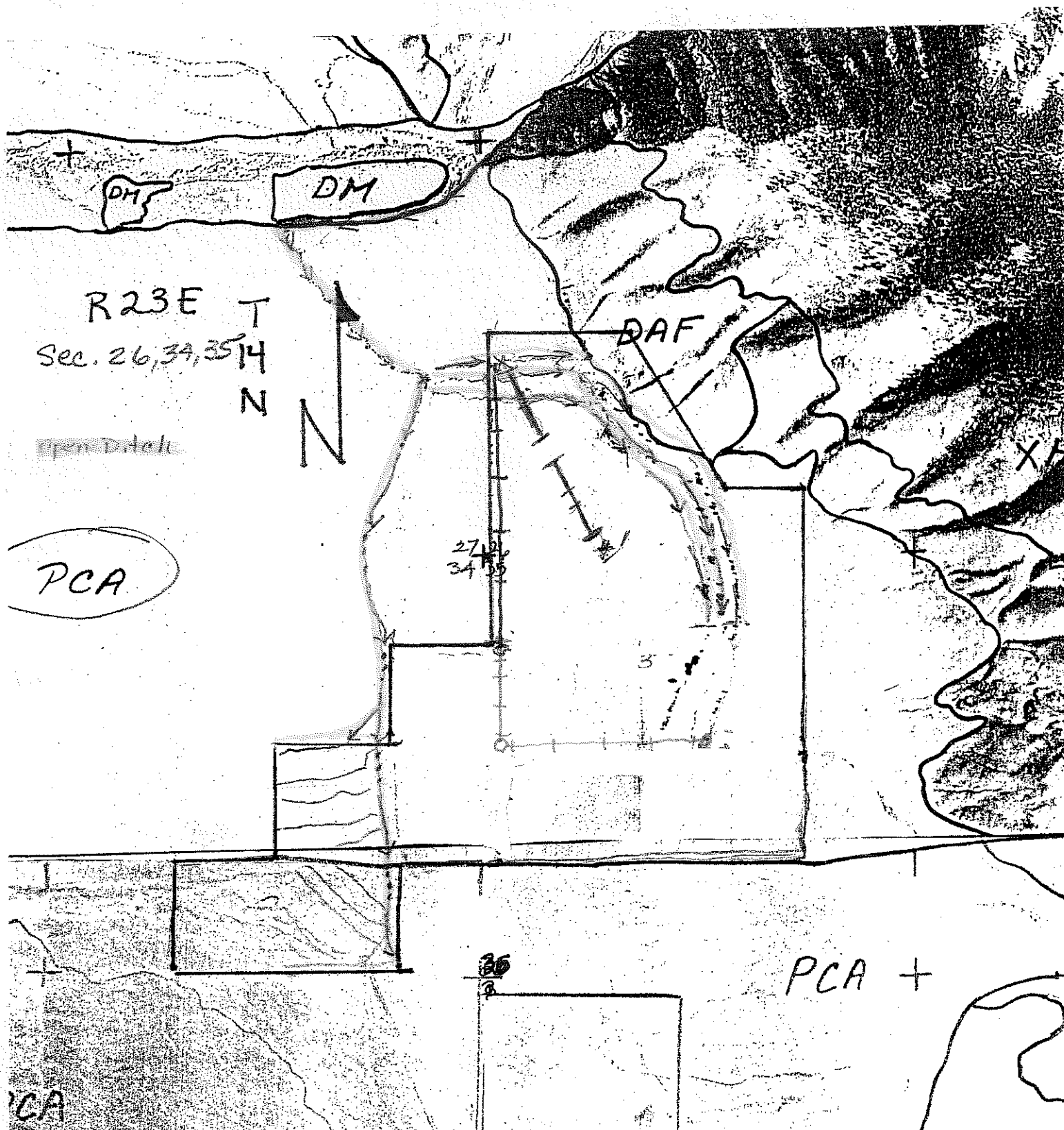
Rangeland

Rangesite name - LOAM 7 TO 10 INCH PZ, Wyoming big sagebrush/Sandberg
bluegrass-needleandthread

Interpretive Groups

Land capability classification: 6s, nonirrigated and 4s,
irrigated

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.



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:

Surface to Sprinkler
(partial)

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

1- Upper pivot designed by NRES
2 & 3 - Designed/installed by irrigation co.
approved by NRES

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

PLEASE RETURN FORMS TO:

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER RESOURCES DIVISION
PLANNING SECTION
200 AIRPORT WAY
BOISE, IDAHO 83795

For
322 EAST 1000 ST
PO 83720
Boise 83720