

RECEIVED

FORM 202 10/07

NOV 13 2007

WATER RESOURCES
WESTERN REGION

AMENDED
STATE OF IDAHO

Ident. No. 67-14887

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant To Ann C. Hemenway Phone 208-257-3801
Mailing address 2812 Salubria Road Cambridge ID 83610 Email 83610

2. Source of water supply Groundwater which is a tributary of -

3. Location of point of diversion is Township 14N Range 3W Sec. 11 in the 1/4,
NW 1/4, SW 1/4, Govt. Lot -, B.M., Washington County;
additional points of diversion if any: -

4. Water will be used for the following purposes:

Amount 0.20 for Irrigation purposes from 3/15 to 10/31 (both dates inclusive)
(cfs or acre-feet per year)
Amount 0.03 for Stockwater purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per year)
Amount 0.03 for Wildlife purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per year)
Amount - for - purposes from - to - (both dates inclusive)
(cfs or acre-feet per year)
Amount - for - purposes from - to - (both dates inclusive)
(cfs or acre-feet per year)
Amount - for - purposes from - to - (both dates inclusive)
(cfs or acre-feet per year)

5. Total quantity to be appropriated is (a) 0.20 and/or (b) -
cubic feet per second acre feet per year

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source 12" casing, 100' deep well
(3/4 hp Domestic) 2 HP irrigation submersible pump, 1 1/2" discharge
b. Height of storage dam - feet; active reservoir capacity - acre-feet; 140 psi to
total reservoir capacity - acre-feet 3" aluminum
c. Proposed well diameter is 12 inches; proposed depth of well is 100 feet main, 2"
d. Is ground water with a temperature of greater than 85°F being sought? no aluminum hand
e. If well is already drilled, when? 6-15-71; Drilling firm Donald E Rich #56 / Goodrich Drillers line
Well was drilled for (well owner) Bob Hemenway; Drilling Permit No. 775570 (6-15")
48"

7. Time required for completion of works and application of water to proposed beneficial use is 2 years (minimum 1 year) nozzles
30' section

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. 100 head cattle
c. Municipal; show name of municipality. -
d. Domestic; show number of households. covered under WR #67-7057
e. Other; describe fully. wildlife (ducks, geese, fox, quail, pheasant
consumes same water as that utilized for irrigation
Stockwater (cattle consume water utilized for irrigation
also)

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.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	3W	11							0.4			13.1							14.1
14N	3W	11										5							
14N	3W	11										W							

Total number of acres to be irrigated: _____

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? 67-7057 (domestic)

WR that is utilized on a separate distribution

11. a. Who owns the property at the point of diversion? JOANN Hemenway
- b. Who owns the land to be irrigated or place of use? applicant
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. well is utilized for household + some stock

water using 3/4 hp pump, and for irrigating Cropland

using 2 HP pump, 3" mainline, 2" sprinkling pipe

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 (on file))

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.

JOANN Hemenway
Signature of Applicant

JOANN Hemenway
Print Name (and title, if applicable)

For Department Use:

Received by DB Date 11-13-07 Time 2:15 PM Preliminary check by AA

* Fee \$ _____ Received by _____ Receipt No. _____ Date _____

Publication prepared by DB Date 11/28/07 Published in UPPER CTY NEWS REPORTER

Publication approved _____ Date _____ Dates Published DECEMBER 6 & 13, 2007

* SEE ORIGINAL APP PD 1/17/07. -AA

Record ID		Measured Flow:	
Water Right No.		Designed Flow:	
Name JoAnn Hemenway		HP/Eff Flow:	0.11 cfs <--Max
pod		Sprinkler Flow:	0.07 cfs
year:		Pivot/System Flow:	
Flow Measurement: [redacted] gpm =			
Curve/Pump Design: [redacted] gpm =			
Horsepower / Efficiency Method			
Horsepower	[redacted] hp		
PWL	[redacted] ft		
Disch Psi	[redacted] psi		
PUMP Eff Estimate	0.73 %		
TDH	122 ft		
OHP	1.46 hp		
Flow	47 gpm	=	0.11 cfs
System Method:			
No Lines	[redacted]	Nozzle Equation: $Q=C*A*\sqrt{2*g*h} / \sqrt{1-r^4}$	
Birds per line	15	C=	1.00 Nozzle coefficient, typical 0.97 to 1.00
Ttl no nozzles	15	r=	0.0052 ft Nozzle radius
Nozzle size	[redacted] in	A=	0.00009 ft^2 Nozzle area
Nozzle pressure	[redacted] psi	h=	46 ft Head
Flow per nozzle	2.09 gpm	g=	32.2 ft/sec^2 Gravitational constant
Sprinkler Flow	31 gpm	Q=	0.005 cfs Flow per nozzle
Percent Leaks	[redacted] %	=	2.086 gpm Flow per nozzle
Total Flow	31 gpm	=	0.07 cfs
Pivot / System rating [redacted] gpm =			

Comments / Data Supplied:

Drilling Permit
775570

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

The following is a narrative to date:

William B Allison originally homesteaded the property now owned by JoAnn Hemenway in 1868. His eldest son, Alexander, inherited the property at his father's death. Alex married Martha Ellen Abernathy and their union produced seven children, Louticia, Betty, Nellie, Margaret, Lois, Willis and Angus. Son Willis died a young man. The balance of the female siblings inherited 20 acres each and son Angus the balance, approximately 35 acres, from their father. The inherited land was kept intact and farmed by Margaret's husband, George Westfall. **The land was irrigated by flood method, miscellaneous ditches as needed**, utilizing the adjudicated water right. In 1970, Louticia (Tish) Buhl sold her 20 acres to Charles C and Gretchen B Clelland, who sold to Bob and JoAnn Hemenway, the first parcel of the original homestead to leave the family. In 1971 Angus sold his 30 acres to the Clelland's, who sold to the Hemenway's. Angus gave them 5 acres of his holding for their work. Those five acres are directly east of the Weiser River Bridge, on Salubria Road after you cross the Salubria Rd. Bridge, currently owned by Angelina Turley. Later, the Hemenway's also acquired Angus' remaining acres. The ground is seeded with permanent dryland pasture. The 20 acres acquired from Tish Buhl is the location of our home, well and farm buildings. **The domestic/irrigation well was drilled and completed on 6/15/1971.** The acres not used as dwelling area are seeded to pasture, irrigated by sprinkler as needed, and seepage/flood irrigation from the slough.

The water rights, 67-0026/0027 that was a part of the property purchases, were relinquished in 1981 as there was no feasibly economic way to access and utilize it; the water right was traded to Leo J Klinker for a small parcel of land on the east side of Salubria Road that he could not use as it was too small to farm.

Through the property homesteaded by William B Allison was a slough known locally as the Horseshoe Bend slough. Over the years, with the installation of an Army Corp of Engineers dike up-river from Salubria Road and clearing of brush and trees, the slough has decreased in quantity to a **wastewater run off**. At the time Hemenway's purchased the land, there was always water flowing through the slough. Changes in the ditches upstream have interrupted the continuous flow so now it has water in it winter and spring but sometimes dries to a couple of stagnant ponds in summer and early fall. When there is water in the slough, and ponds, they provides good habitat for wildlife, including deer, ducks and geese, foxes, pheasant, and quail. We utilize the 2 ponds and the slough for stock water until the quantity degrades, at which time the livestock can also come to the barn for well water via stock tanks. **The northern pond (Pond #2) was developed in the late 1950's, early 1960's when the Army Corp of Engineers built the dike.**

1/9/2007

Application for Permit for: JoAnn C. Hemenway

Description of Diverting Works and Delivery System:

Groundwater Source:

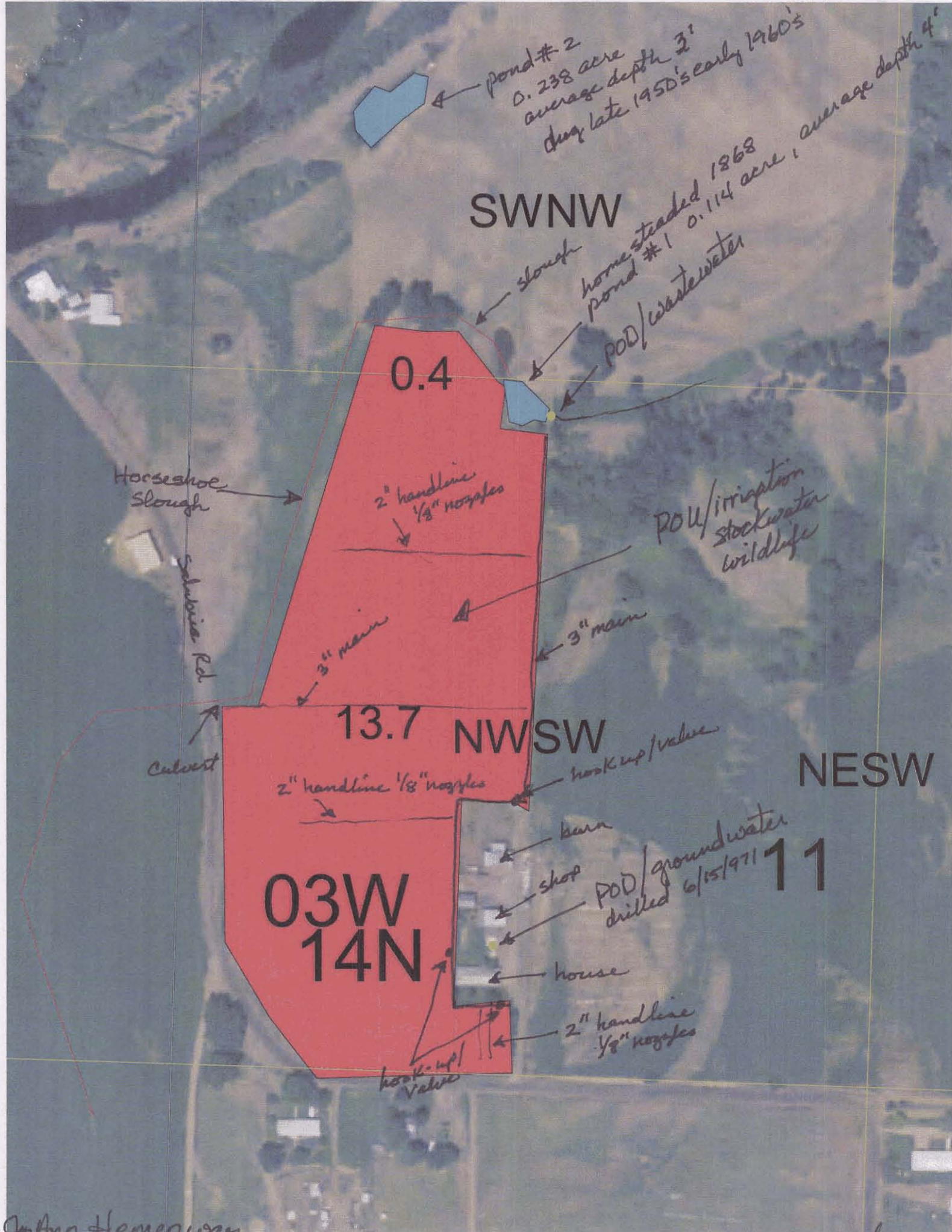
Total acres owned = 50+ (see attached history on property). Purchased in 1969. Drilled 12' casing well, 100' deep, 2' static, 30' drawdown. Donald Rich/Goodrich Drillers, drilling permit #775570, **drilled 6/15/1971**. The system runs at 40 psi. GPS Coordinates: 2287674/1487895 (Garmin GPS Map 76S).

There are 2 submersible pumps in the well: Covered under WR# 67-7057 is a ¾-Hp for domestic internal use and Stockwater for the barn (1" discharge). Another pump is also installed in the well: a 2-Hp for irrigation (1 ½" discharge). Both systems have their own separate distribution systems and controls. A Champion 86 gallon pressure tank maintains adequate pressure in the irrigation distribution system to run 1 line with 6 -15 (1/8")-nozzles at one time (depending on the location installed throughout the pasture). There is a 3" above ground aluminum main, with 3 control valves/hook-ups (one south of the house, one west of the house, and one northeast of the barn). The Main runs north to south on the east side of the pasture, with a line running east to west at midpoint of the field. 2" hand-line, 30' sections running east to west in the main pasture, and north to south in the small pasture directly south of the house.

NOTE: Stockwater and Wildlife are the same water as irrigation

Wildlife:

Numerous birds, ducks, geese, deer, fox, quail, pheasant, etc.



SWNW

0.4

2" handline
1/8" nozzles

3" main

13.7

NWSW

2" handline 1/8" nozzles

03W
14N

POU/irrigation
stockwater
wildlife

3" main

hook up/valve

burn

shop

house

2" handline
1/8" nozzles

hook up/valve

POD/groundwater
drilled 6/15/97

11

NESW

pond # 2
0.238 acre
average depth 3'
dig late 1950's early 1960's

slough
homesteaded 1868
pond # 1 0.114 acre, average depth 4'
POD/wastewater

Horseshoe
Slough

Culvert
Sylvia Rd



Go Ann Hemerway 1-9-2007

67-14887



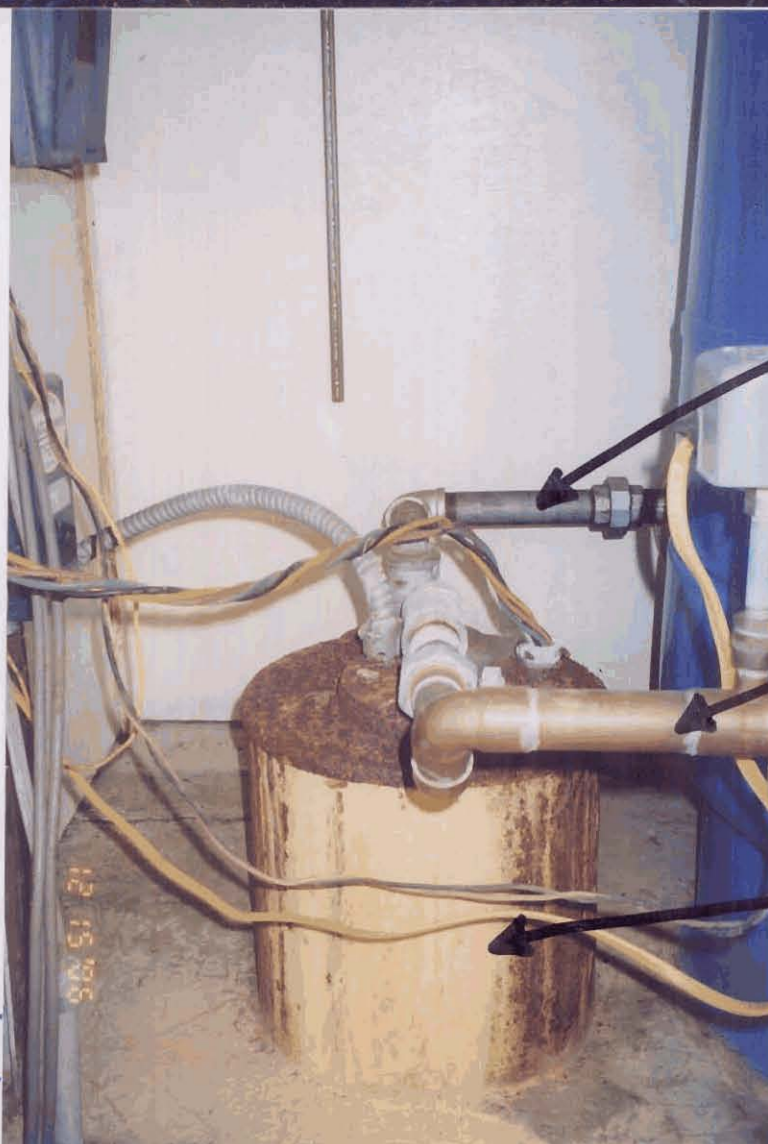
barn

shop

pump house

house

12 15 06



1" discharge to Domestic (house/irrigation + stockwater at barn)

1 1/2" discharge to irrigation system

12" casing
100' deep
2' static
30' drawdown

(2) submersible pumps:
3/4 Hp Domestic
2 Hp Irrigation

12 15 06

John Hemerway



Champion
26 gallon
pressure tank

40 psi

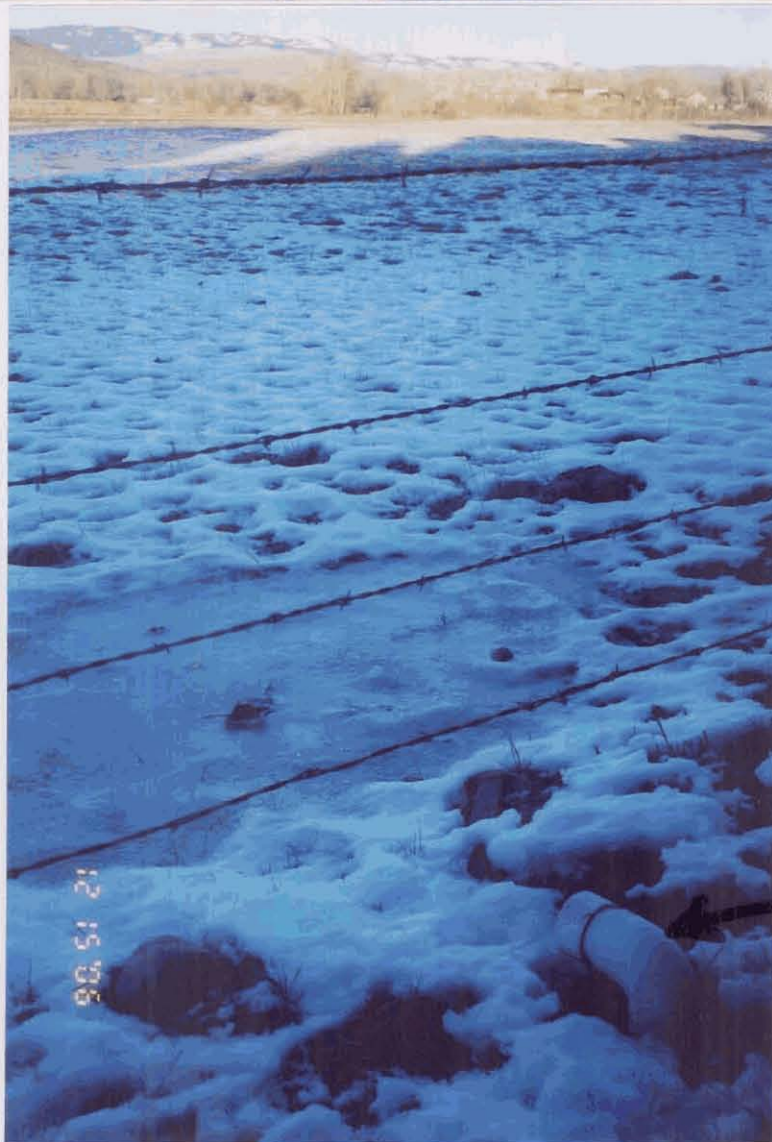


Manifolds
for lawn +
garden

for Ann Hemerway



control
hook-
up
Valve
south
side of
deck
(south
pasture)



(2)
Control
hook-ups
in pastures

JoAnn Hemerway

POU
irrigation
pasture
on west
side of
house

pasture
south of
house



2"
hand-
line,
30' section
1/8" nozzles

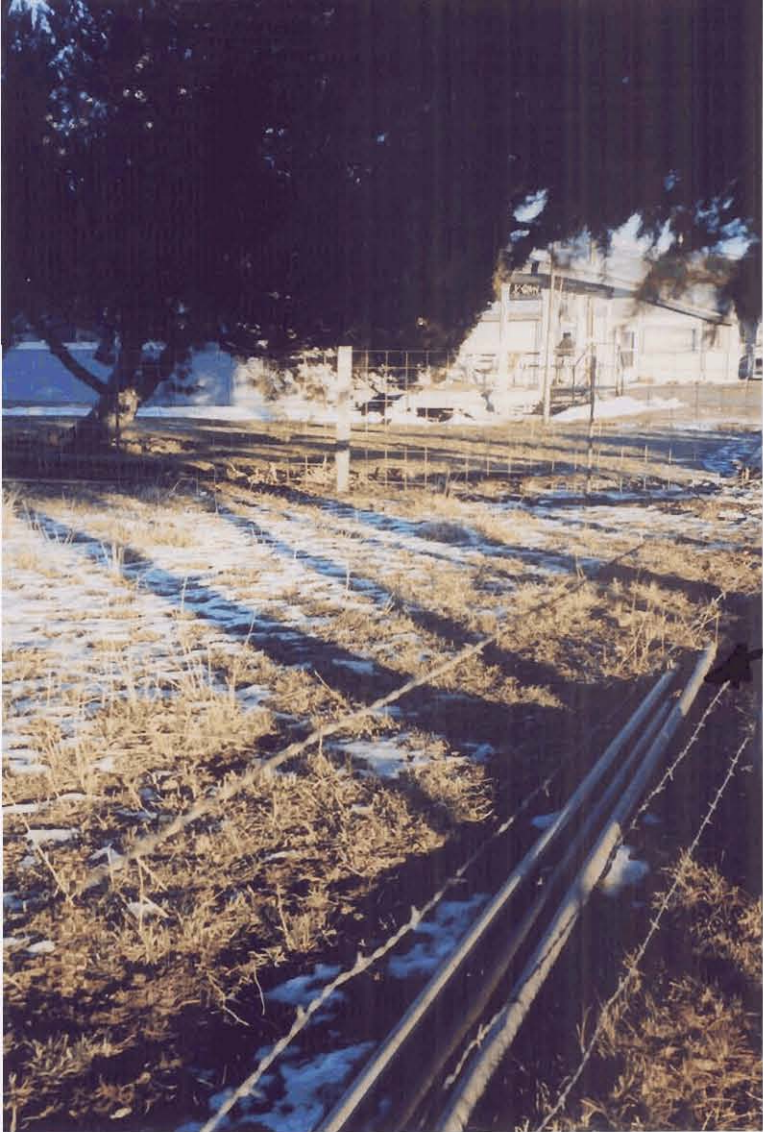
pasture
west
of house



POU
irrigation

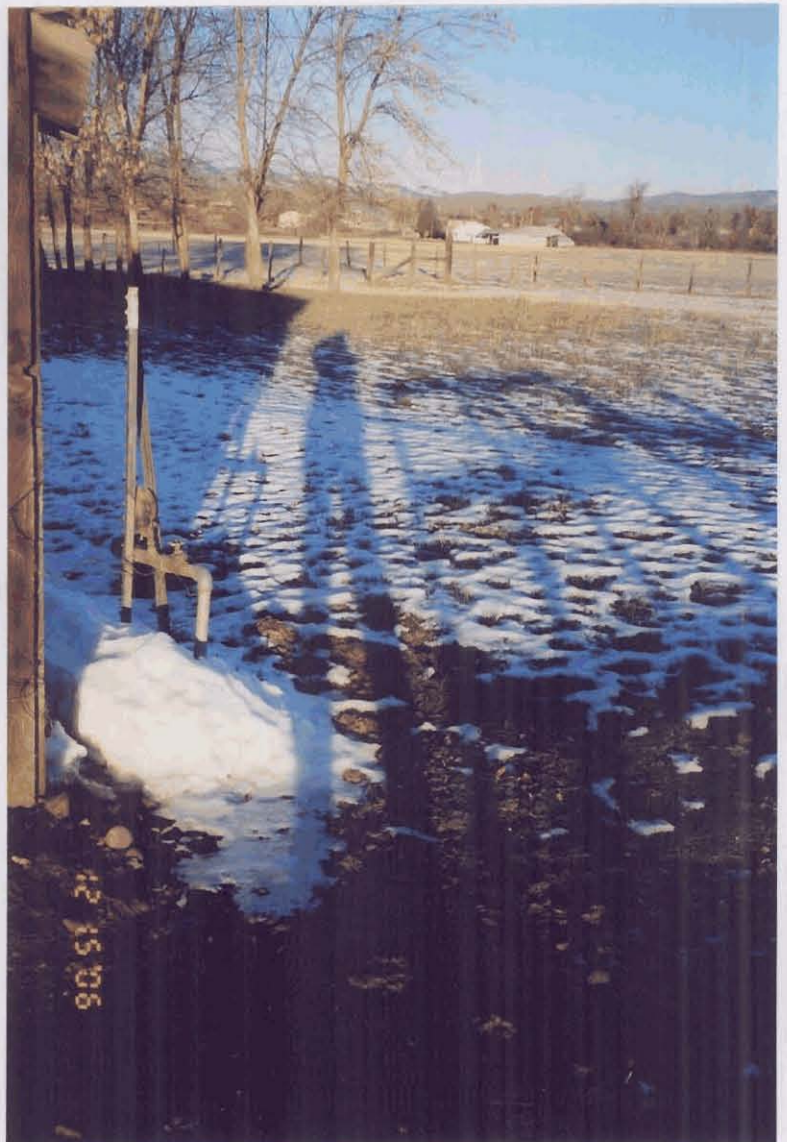
pasture
south
of
house

to Ann & Homer Way



field west of house

2" handline
30' sections, 1/8" nozzles



control/
hook-up
north east of
barn

JoAnn Hemerway



POU

pasture
+ northwest
west of
house



POU

pasture
north +
northwest
of house

Ann Hemerway