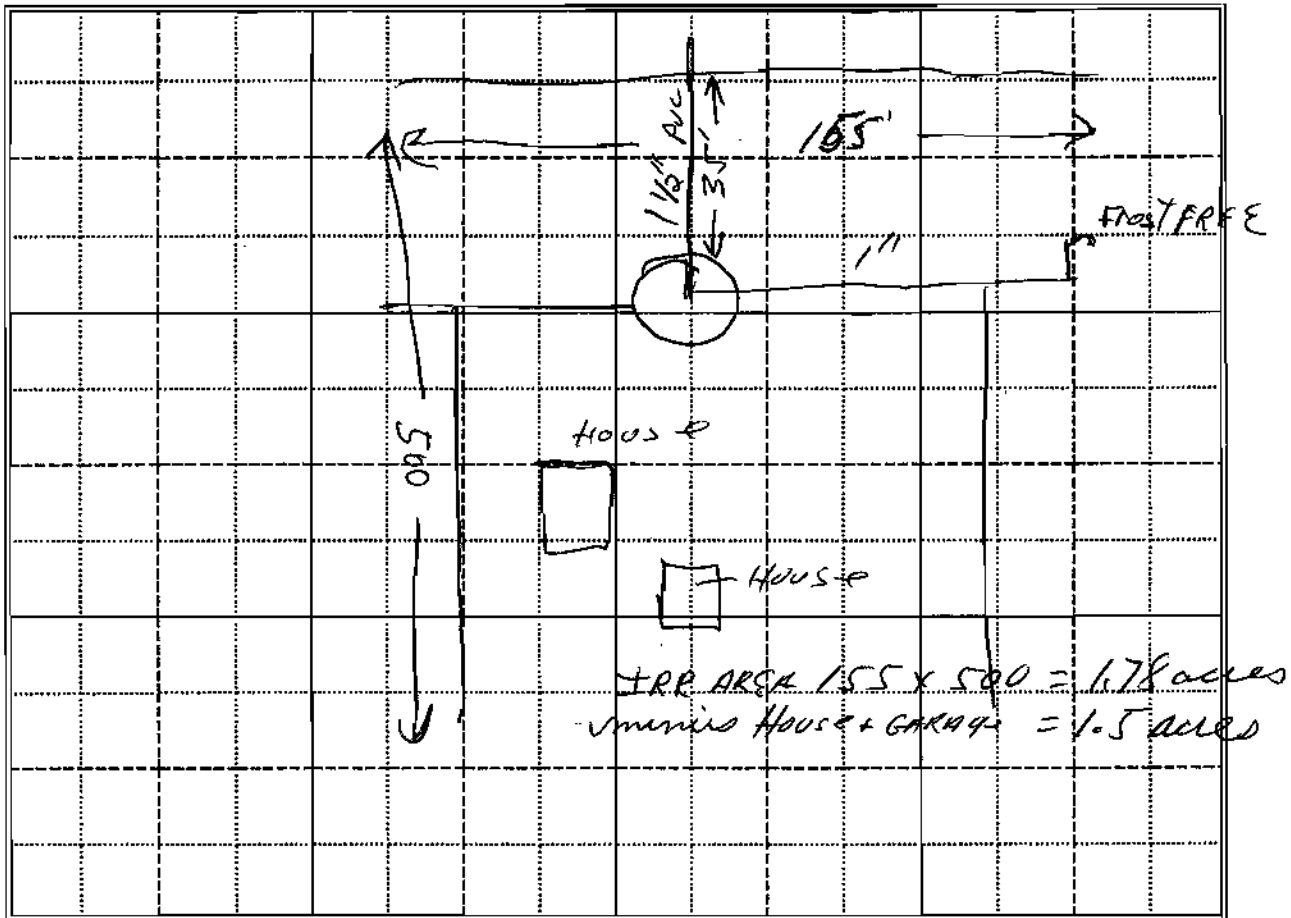


3. **Delivery System Diagram.** Indicate all major components and distance between components. Indicate weir size/ditch size/pipe I.D. as applicable.

Pend ORVILLE River



Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	<i>Franklin</i>	<i>1</i>	<i>2801084915</i>	<i>Sub</i>	<i>1.5"</i>

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

E. NARRATIVE/REMARKS/COMMENTS

Permit shows 1 acre in SW SE believe all in
SE SE

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Theoretical

$$\frac{8.8(1)(.7)}{20 + (2.3)(.35)} = \frac{6.16}{110.85} = .06 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.5 \times 3 = 4.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .06 \times 213 \times 1.9835 = 25.3$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 4.5$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Period of Use

From To

Rate of Diversion

Q (cfs)

Annual Volume

V (afa)

Irrigation

04-01

10-31

.06

4.5

Totals:

.06

4.5

2. Recommended Amendments

☐ Change P.D. as reflected above

☐ Add P.D. as reflected above

☐ None

☒ Change P.U. as reflected above

☐ Add P.U. as reflected above

☐ Other

I. AUTHENTICATION

Field Examiner's Name

Wayne Baldwin

Date

9-30-08

Reviewer

[Signature]

Date

10/27/8

SEAL

96-9176



Legend

- ⊙ Right POD
-  Right POU

0 60 120 240 360 480 Feet



96-9176



018



020



in from lake



place of use



place of use3



place of use4



place of use (2)



pod





