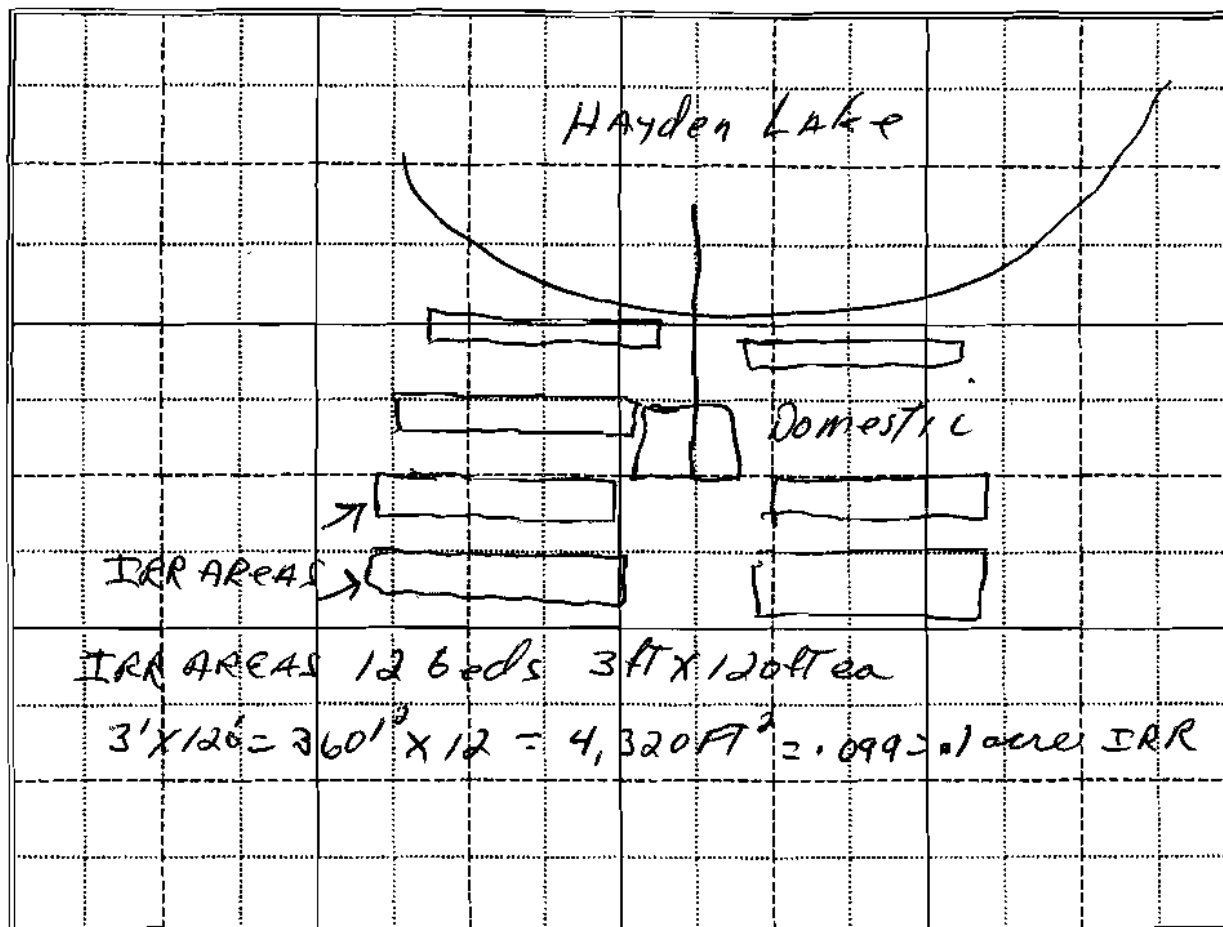


[illegible]

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



Scale: 1" = NTS

Copy of USGS Quadrange 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
	Franklin	1	2801084915	SUB	1 1/4"

*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:

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

$$\frac{8.8(1)(.7)}{50 + (2.31 \times 40)} = .04 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = .1 \times 3 = .3$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .03 \times 245 \times 1.9835 = 14.5$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = .3$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	01-01	12-31	.04	.6
Irrigation	03-15	11-15	.03	.3
Totals:			.04	.9

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. AUTHENTICATIONField Examiner's Name Wayne Baldwin Date 7-27-09Reviewer [Signature] Date 7/28/09

SEAL

E. NARRATIVE/REMARKS/COMMENTS

Irrigation system is underground

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



002.JPG



003.JPG



004.JPG



005.JPG



domestic.JPG



irr3.JPG



irr (2).JPG



irr.JPG



line in.JPG



pod.JPG

