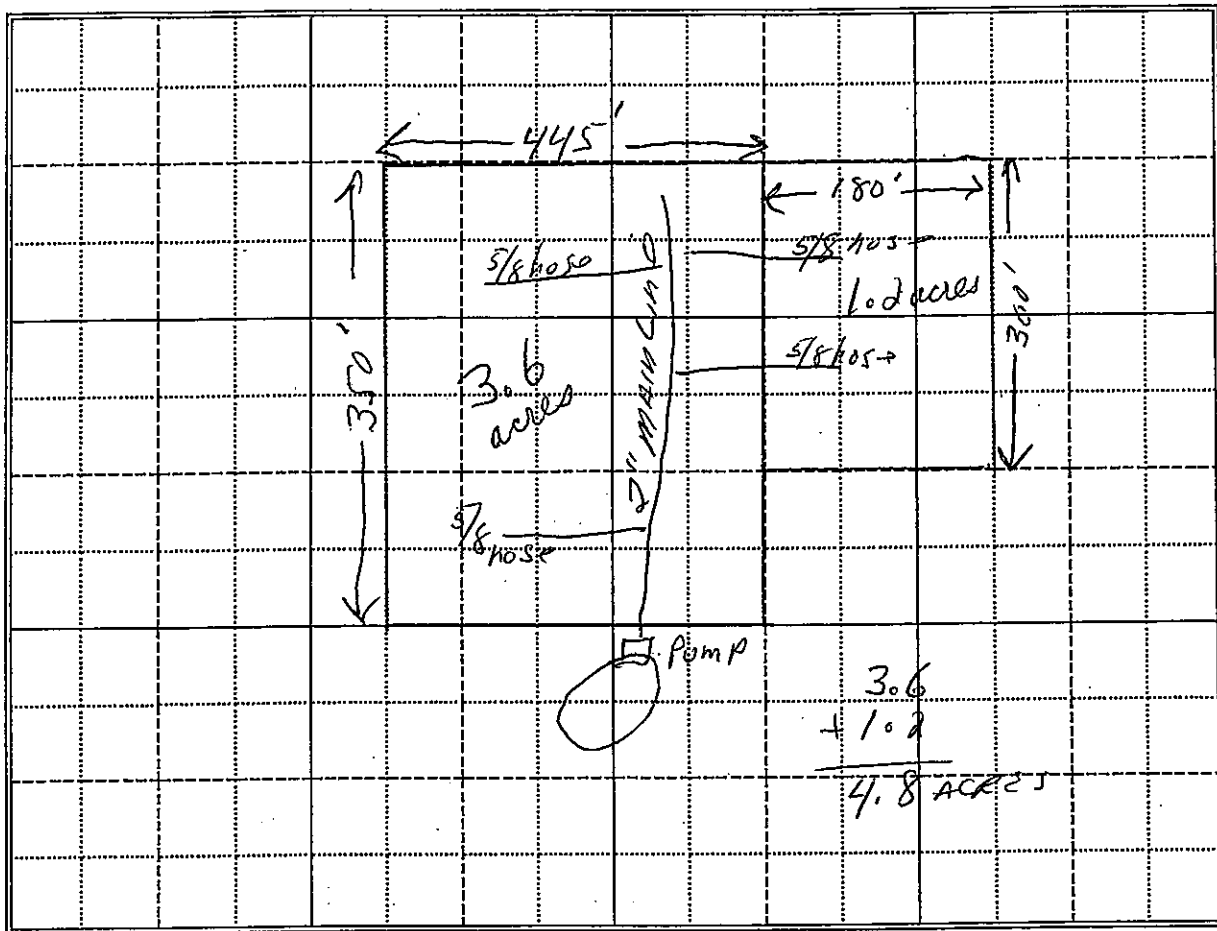


3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



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
	Simmer	2	C48m2 ec11C3	Simmer	2"

*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

Pond is instream no need for Div to
Storage

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket on sprinkler heads
5 gal in 120 sec = 2.5 gpm each head (5 total)

G. VOLUME CALCULATIONS

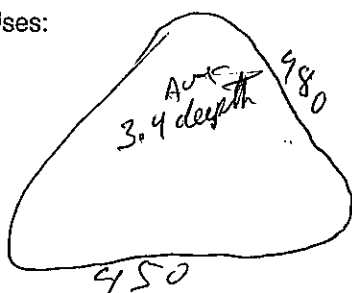
1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 6 \times 3 = 18 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .02 \times 213 \times 1.9835 = 8.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 8.4$$

2. Volume Calculations for Other Uses:



$$.5 \times 450 \times 480 \times 3.4 = 8.43$$

$$93560$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
Irrigation Storage	01-01	12-31		8.43
Recreation Storage	01-01	12-31		
Woods Storage	04-01	10-31		
Irrigation	09-01	10-31	.02	8.4
Wildlife Storage	01-01	12-31		
Totals:			.02	16.83

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 9-30-09

Reviewer E. J. [Signature] Date 11-12-09

SEAL

58N01W12NENW

58N01W12NWNW

96-8985



3

96-8986





006.JPG



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014.JPG



irr1.JPG



irr2.JPG



irr pump.JPG



irr system.JPG



irr.JPG



line out.JPG



line to pump.JPG



pod.JPG



pond1.JPG



pond.JPG







