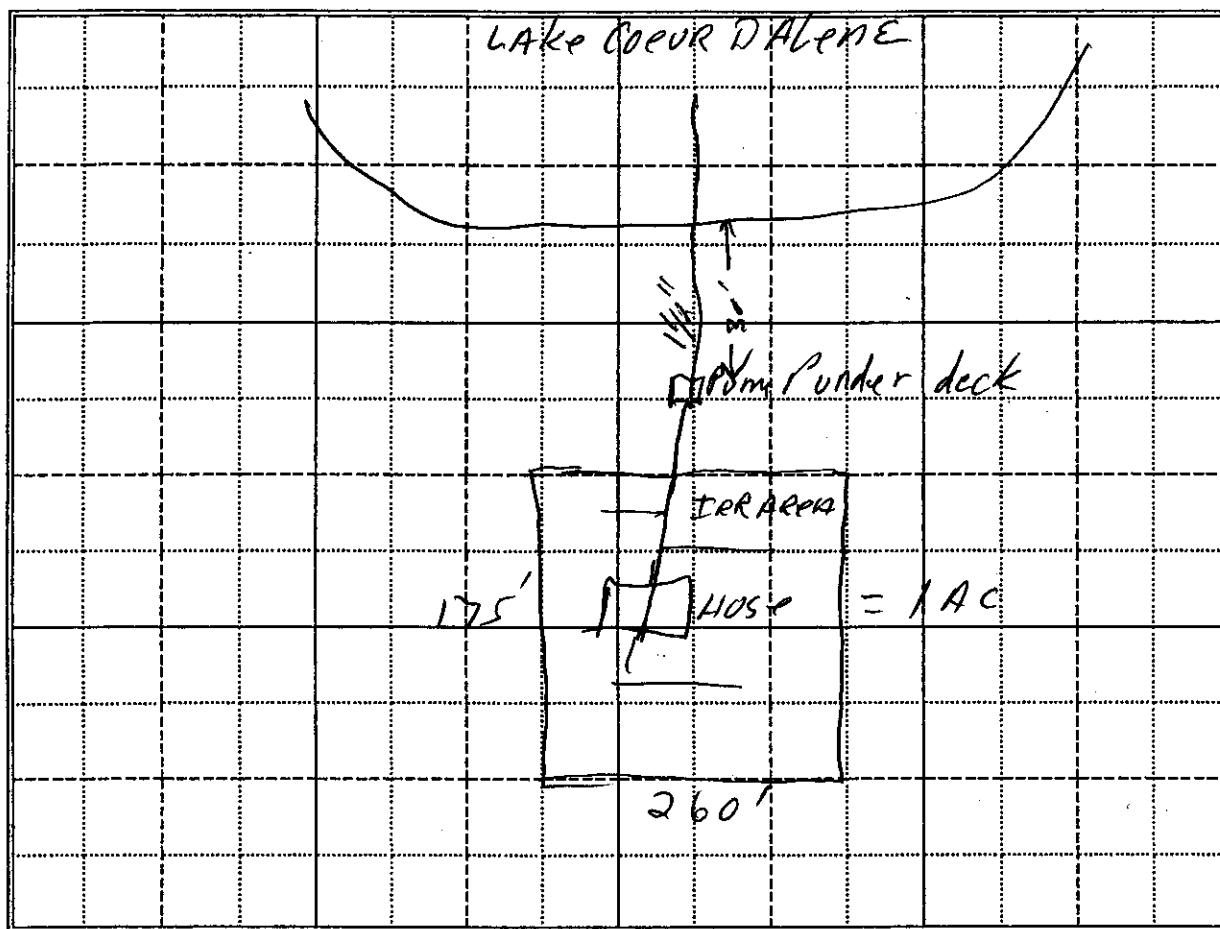


[illegible]

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



Scale: 1" = _____

____ 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
	McDonald	1		McDonald	4211

*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: _____

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

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F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket on main trunk

$$5 \text{ gal in } 20 \text{ sec} = \frac{15 \text{ gpm} \times 0.133681}{60} = .03 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \cancel{1 \times 3} = \cancel{3} \quad 0.5 \times 3 = 1.5 \text{ AF}$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = .03 \quad 1.5 \text{ AF}$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Irrigation

Period of Use

From To

03-15 11-15

Rate of Diversion

Q (cfs)

.03

Annual Volume

V (afa)

1.5

Totals:

.03

1.5

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 Balaban

Date 8-16-09

Reviewer

Eric Johnson

Date 8-18-09

SEAL



pod.JPG



pou2.JPG



pou.JPG



pump under deck.JPG



pump.JPG

