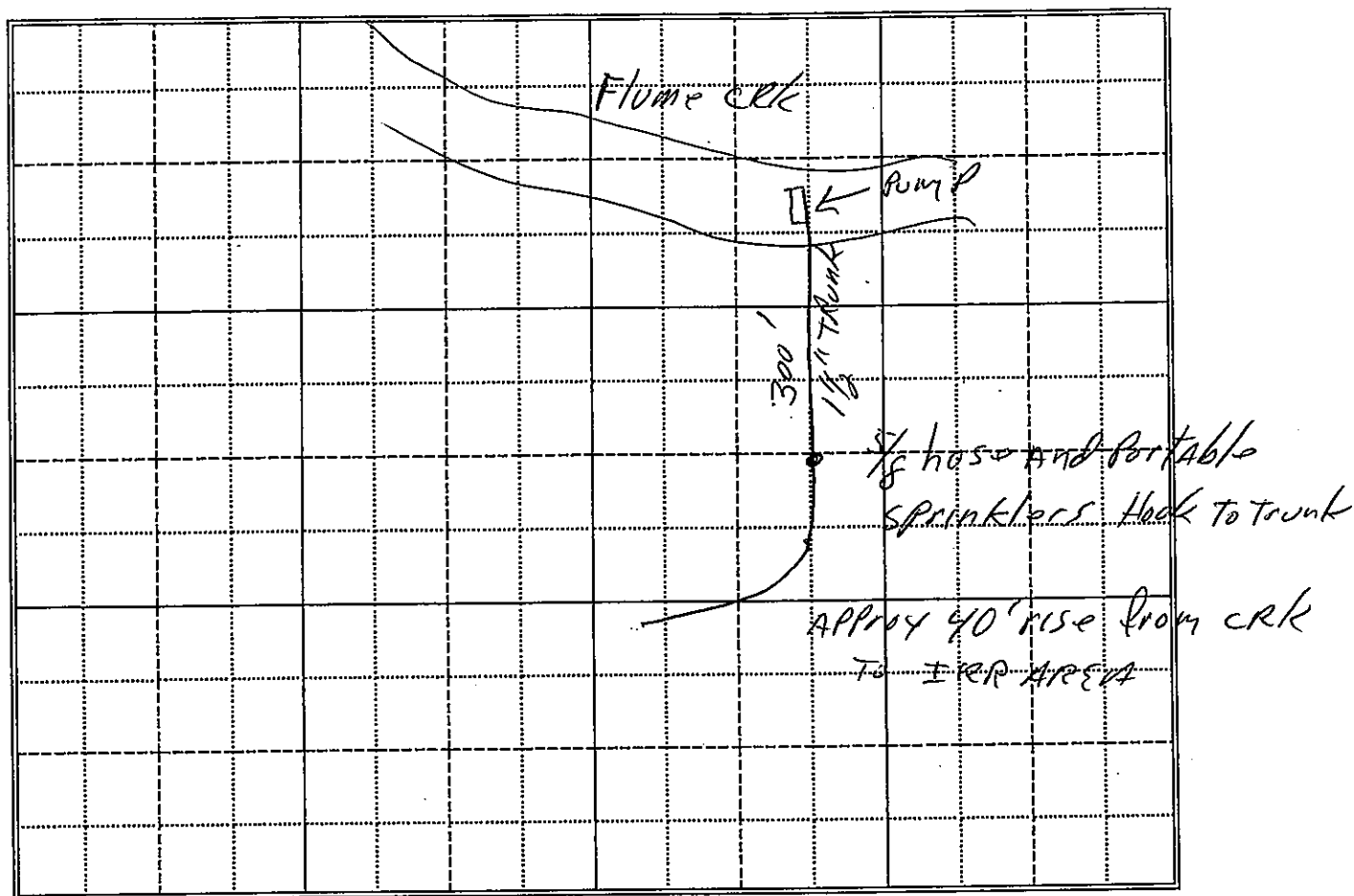


[illegible]

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 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	0.75		Sub	1 1/2"

*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: _____

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

14

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket on main line
5 gal in 25 sec = $\frac{12 \text{ gpm} \times 1.33681}{60} = .02 \text{ cfs}$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3 = 3$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .02 \times 213 \times 1.9835 = 8.4$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Period of Use

From To

Rate of Diversion

Q (cfs)

Annual Volume

V (afa)

Irrigation
Stock water

04-01 10-31

01-01 12-31

.02

.02

3

.1

Totals: .02

3.1

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

9-17-09

Reviewer

Eric [Signature]

Date

9-24-2009

SEAL

96-9380



0 80 160 320 480 640 Feet

Legend

-  Working Shape
-  Taxlots





022.JPG



irr (2).JPG



irr (3).JPG



pod (4).JPG



stock.JPG



stockwater.JPG





