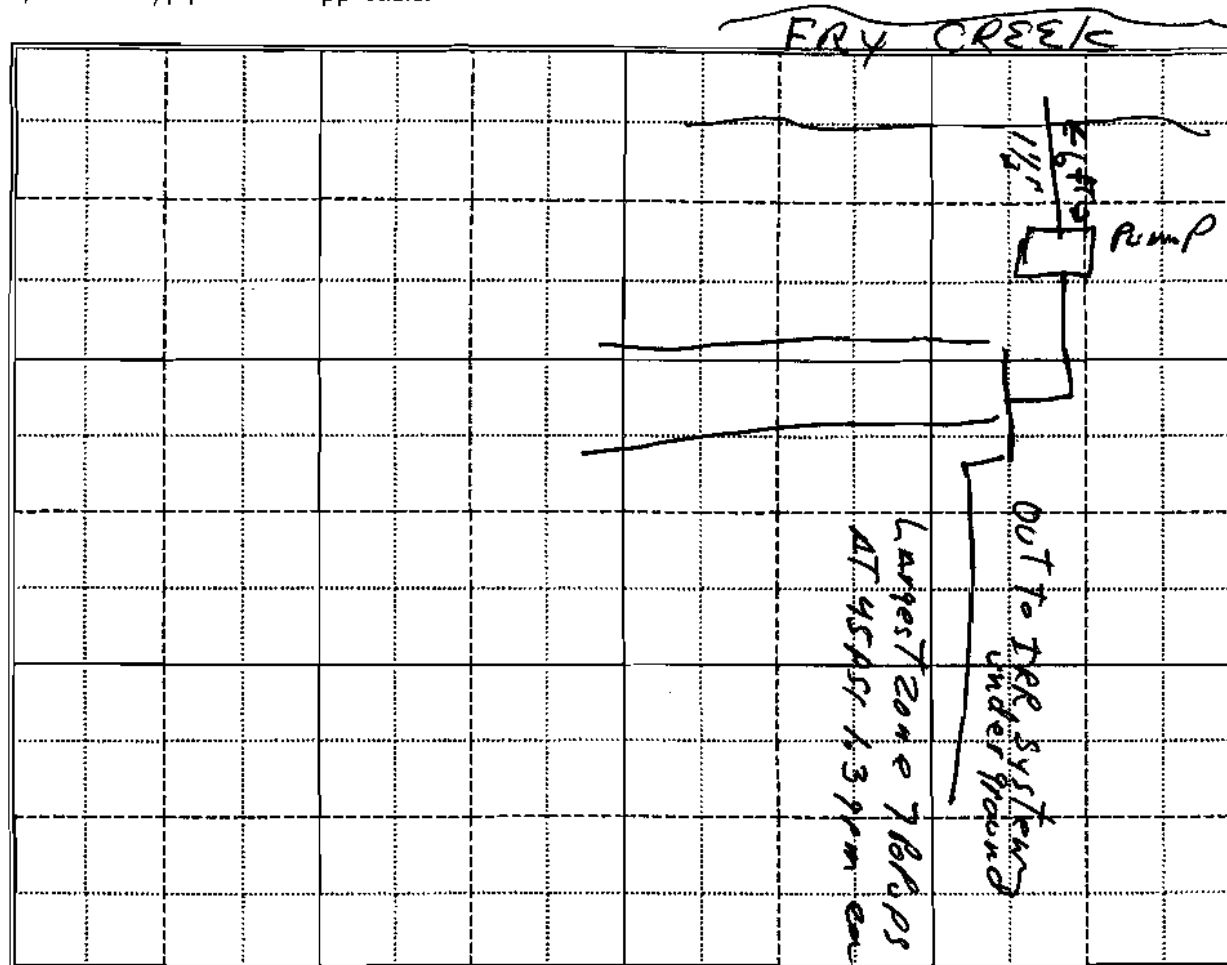


[illegible]

3. **Delivery System Diagram:** Indicate all 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
	AOSmith	1	C48A95406	Goulds J105	1"

*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 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.

Have conditions of permit approval been met? ✓ yes no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Manufactures chart 1.3 gpm each head at 45 PSI
7 heads $7 \times 1.3 = 9.1 \times 1.33681$
 $\frac{9.1 \times 1.33681}{60} = .02 \text{ cfs}$

Did 5 gal bucket on trunk

5 gal in 30 sec $= \frac{10 \text{ gpm} \times 1.33681}{60} = .02$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = .3 \times 3 = .9$

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

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = .9$

2. Volume Calculations for Other Uses:

AREA IRR 21780 yft - 7500 yft deducted for houses garage
+ paved area
 $\frac{14280 \text{ yft}}{43560} = .3 \text{ acres}$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	09-01	10-31	.02	.9
Totals:			.02	.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. AUTHENTICATION

Field Examiner's Name Wayne Salsbery Date 6-5-09

Reviewer Eli J. Pate Date 6-9-2009

SEAL



pou irr.JPG



005.JPG



irr (2).JPG



irr.JPG



pod.JPG



