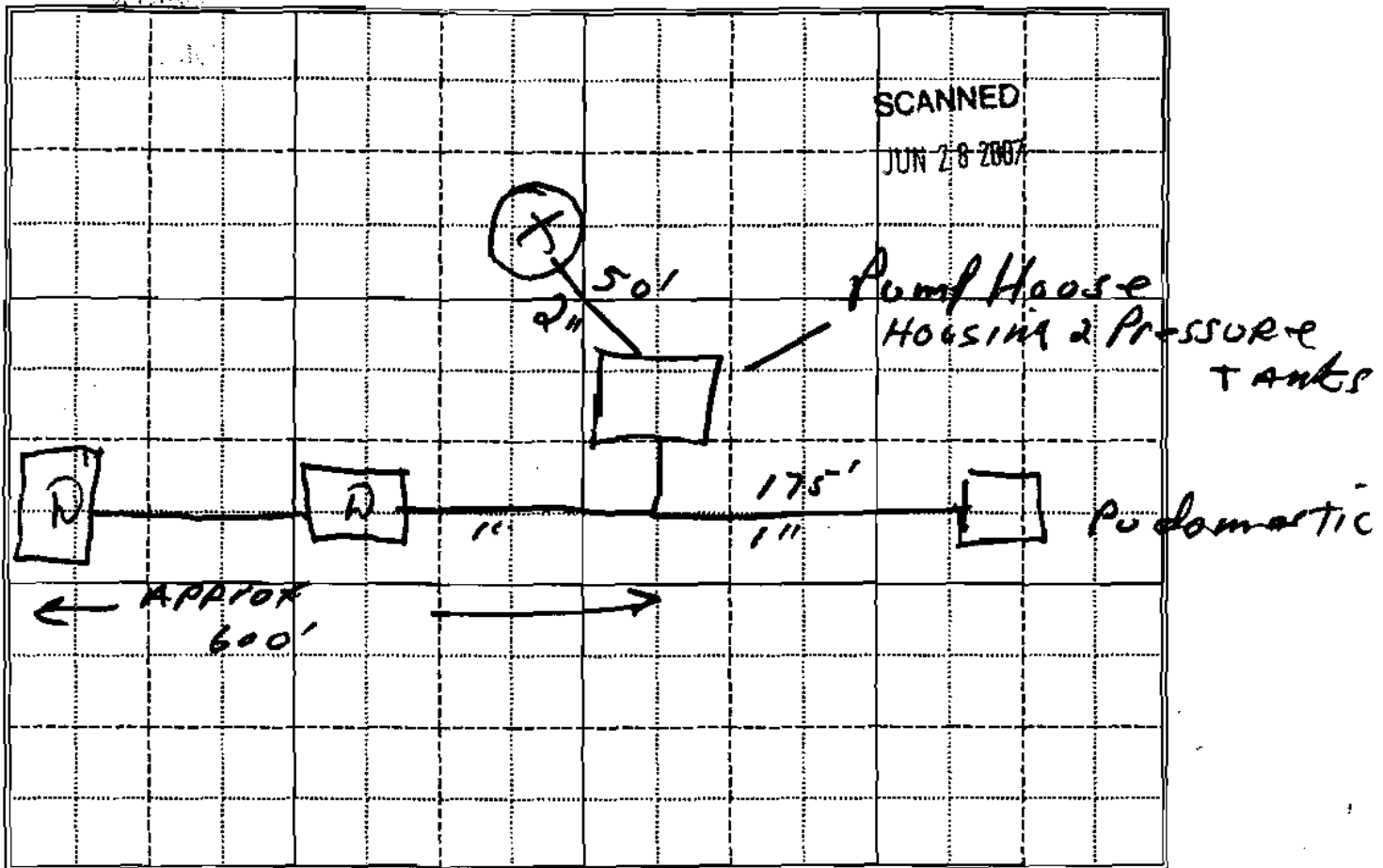


[illegible]

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



Scale: 1" = 125'

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
		5	282139510	Sub	2"
	Franklin				

*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:

JUN 28 2000

Original permit 7/8/91 was for eight homes on this system. Only 3 homes were actually developed. Irrigation under this permit is normal domestic irrigation less than $\frac{1}{2}$ acre per household. Normal lawn & garden.

Mr. Wilder says he owns this system & didn't pay any change of ownership. Please check to see if that was done.

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

Additional Computation Sheets Attached

Theoretical

$$\frac{8.8(5)(.7)}{240 + (2.31 \times 35)} = \frac{30.8}{320.85} = .095 = .1 \text{ cfs}$$

1. Volume Calculations for Irrigation:

$$V_{LR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.5 \times 3 = 4.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.1 \times 245 \times 1.9835 = 48.6$$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 4.5$

2. Volume Calculations for Other Uses:

$$1.5 \text{ ac.} \times 0.03 \text{ lbs/ac} = .045 = .05$$

$$3 \text{ homes} = 0.08 \text{ cfs}$$

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
<u>Domestic (3)</u>	<u>01-01</u>	<u>12-31</u>	<u>.08</u>	<u>6.8</u>
<u>Irrigation</u>	<u>03-15</u>	<u>11-15</u>	<u>.05</u>	<u>4.5</u>
Totals:			<u>.01</u>	<u>6.3</u>

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 Walter B. Bledsoe Date 7-5-06

Reviewer Dr. J. E. H. Date 12-4-06

SEAL

SCANNED
JUN 28 2007

Pump
House



PD



Domestic

95-8704

RECEIVED
FBI
JAN 17 1992



Domestic #2



Domestic #3

22-842

SCANNED
JUN 28 2007



95 - 8704