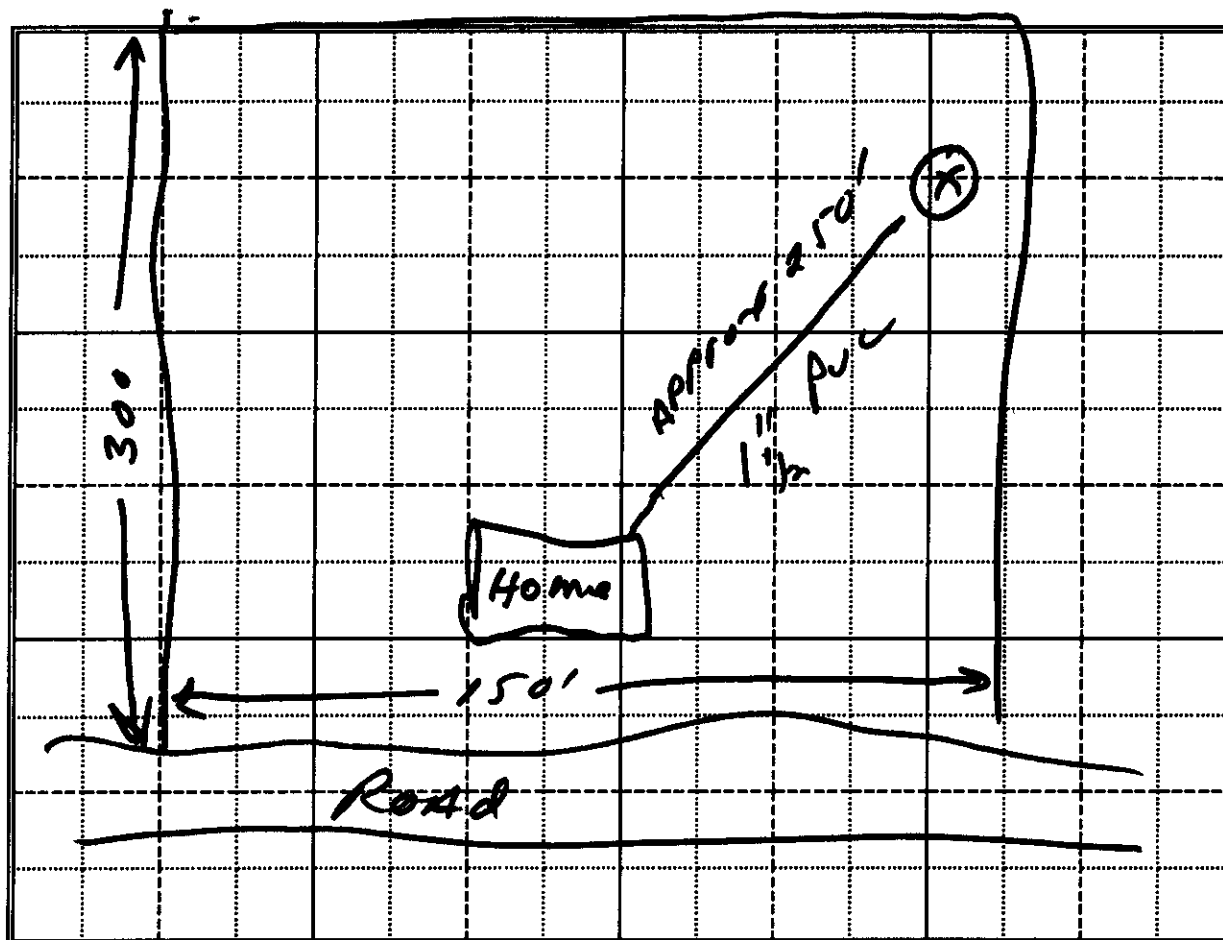


[illegible]

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
	Franklin	1.5	2823008110	Sub	1 1/2

*Code to correspond with No. on map and aerial photo

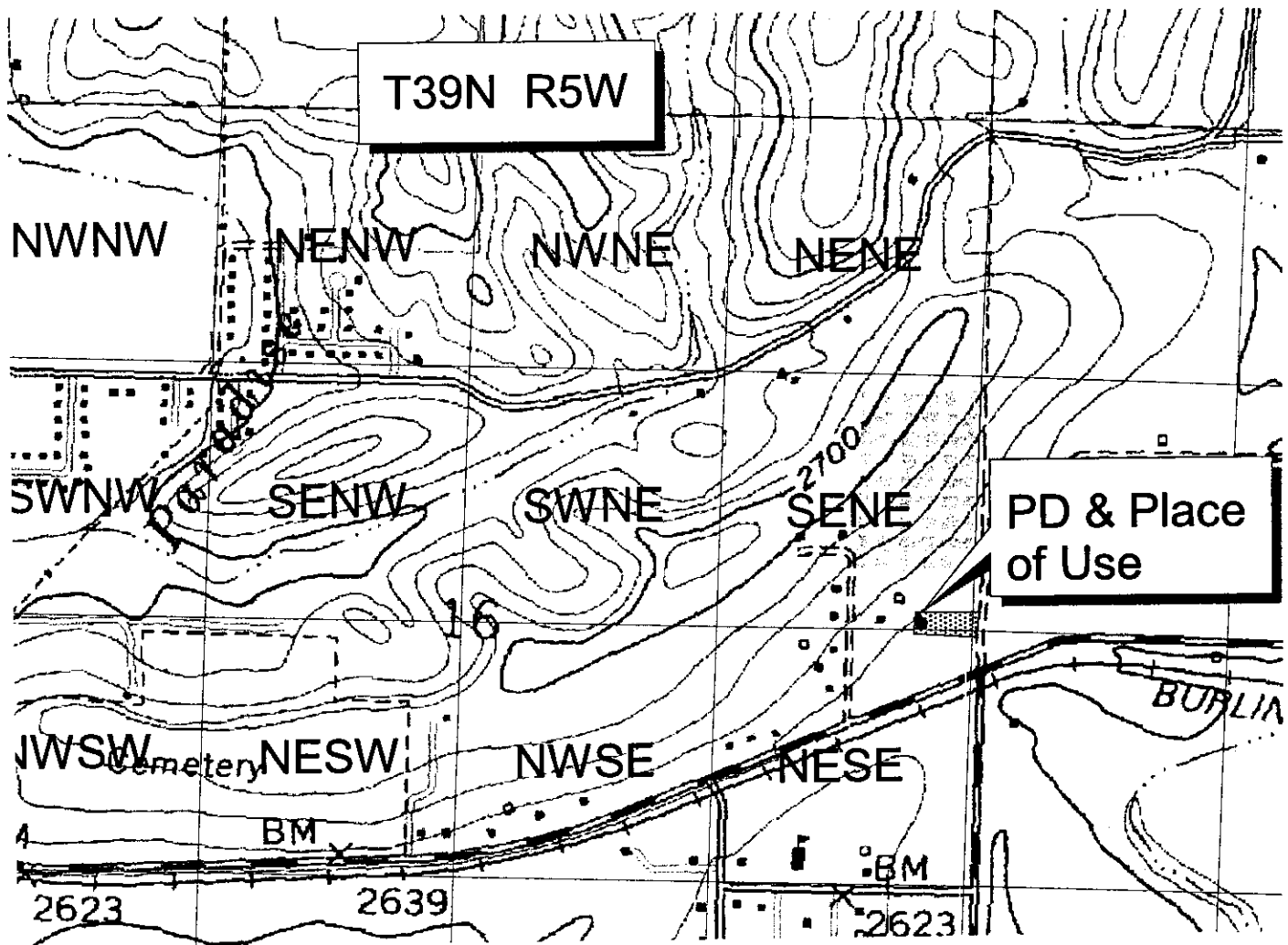
D. FLOW MEASUREMENTS

1.

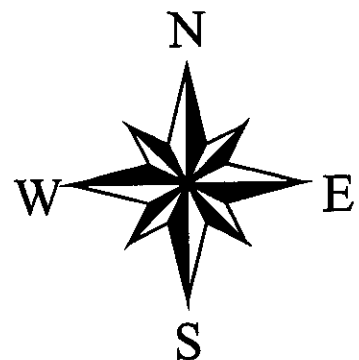
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

Danny J Hood



Unknown Units View1



- Hood-south.shp
- T39n05w.shp



87-10025

Danny Hood

E. NARRATIVE/REMARKS/COMMENTS

Irrigation system is $\frac{7}{8}$ hose & portable
sprinkler
With pressure tank tested a 5 gal bucket
measurement was done.

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

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

5 gal bucket
 4 heads measured 3.5 gpm ea.
 $= 14 \text{ gpm}$
 $\frac{14 \times 1.33681}{60} = .03$
 $\frac{30 \text{ gpm} \times 1.33681}{60} = 1066 \text{ n.07 cfs}$
 5 gal in 10 sec = 30 gpm

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3 = 3$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .03 \times 230 \times 1.9835 = 13.68$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3$

2. Volume Calculations for Other Uses: ∞ limited by permit to a total of .07 cfs

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	01-01	12-31	.04	.6
Irrigation	03-15	10-31	.03	3
Totals:			.07	3.6

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. AUTHENTICATIONField Examiner's Name Wayne Baldwin Date 8-23-05Reviewer A. Taylor Date 10-4-05

SEAL