

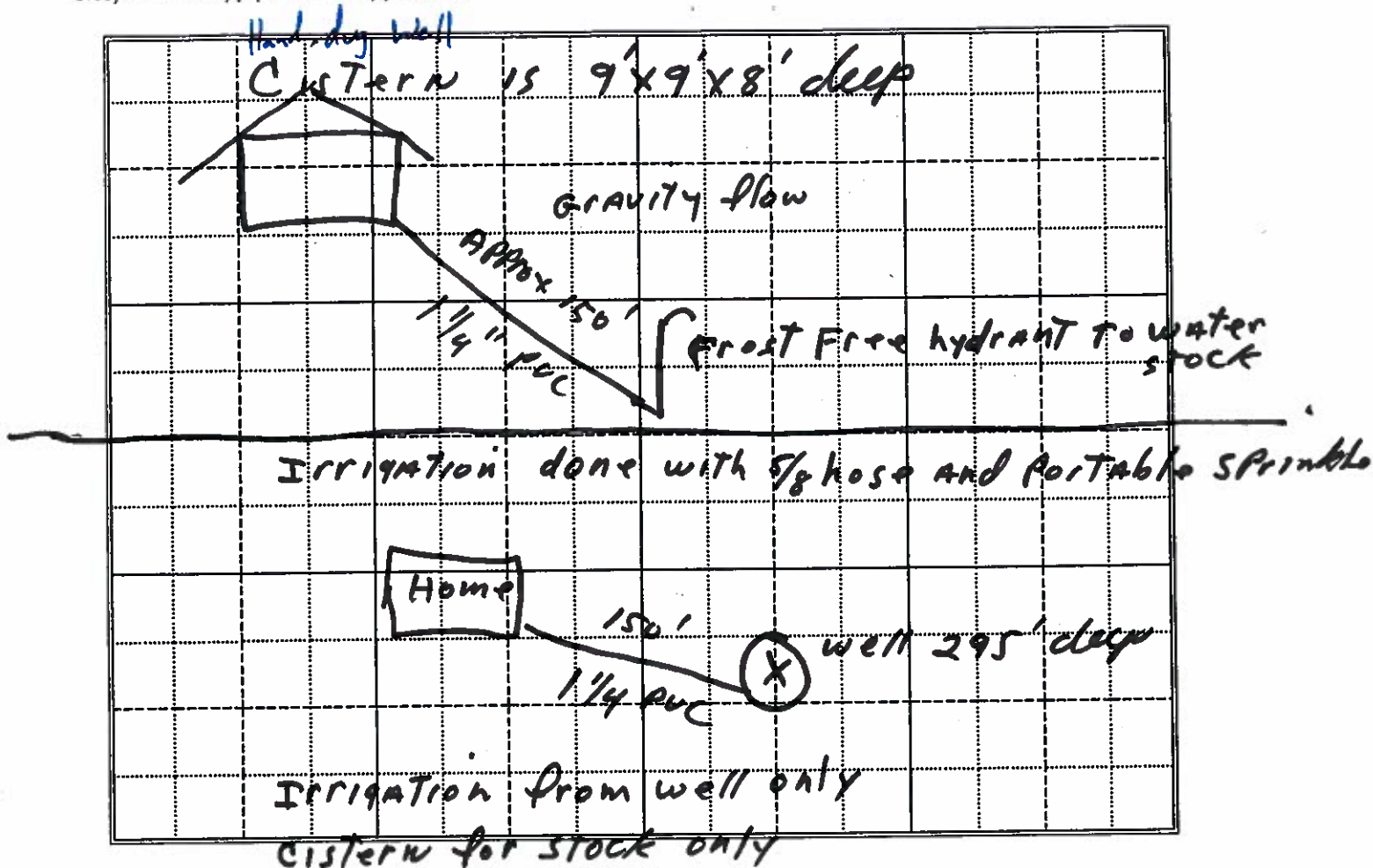
E. NARRATIVE/REMARKS/COMMENTS

There are two diversions on this property. One is a well, the other is a 9'x9'x8' cement cistern. I'm not sure if this would be considered a ground water source. The well is 29.5' deep.

There was no way to accurately measure input to cistern. At time of exam (late summer) I couldn't see any inflow. For exam sake I used examiner handbook rates for 10 head.

Have conditions of permit approval been met? Yes ___ no

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	0.75		Sub	1 1/4"

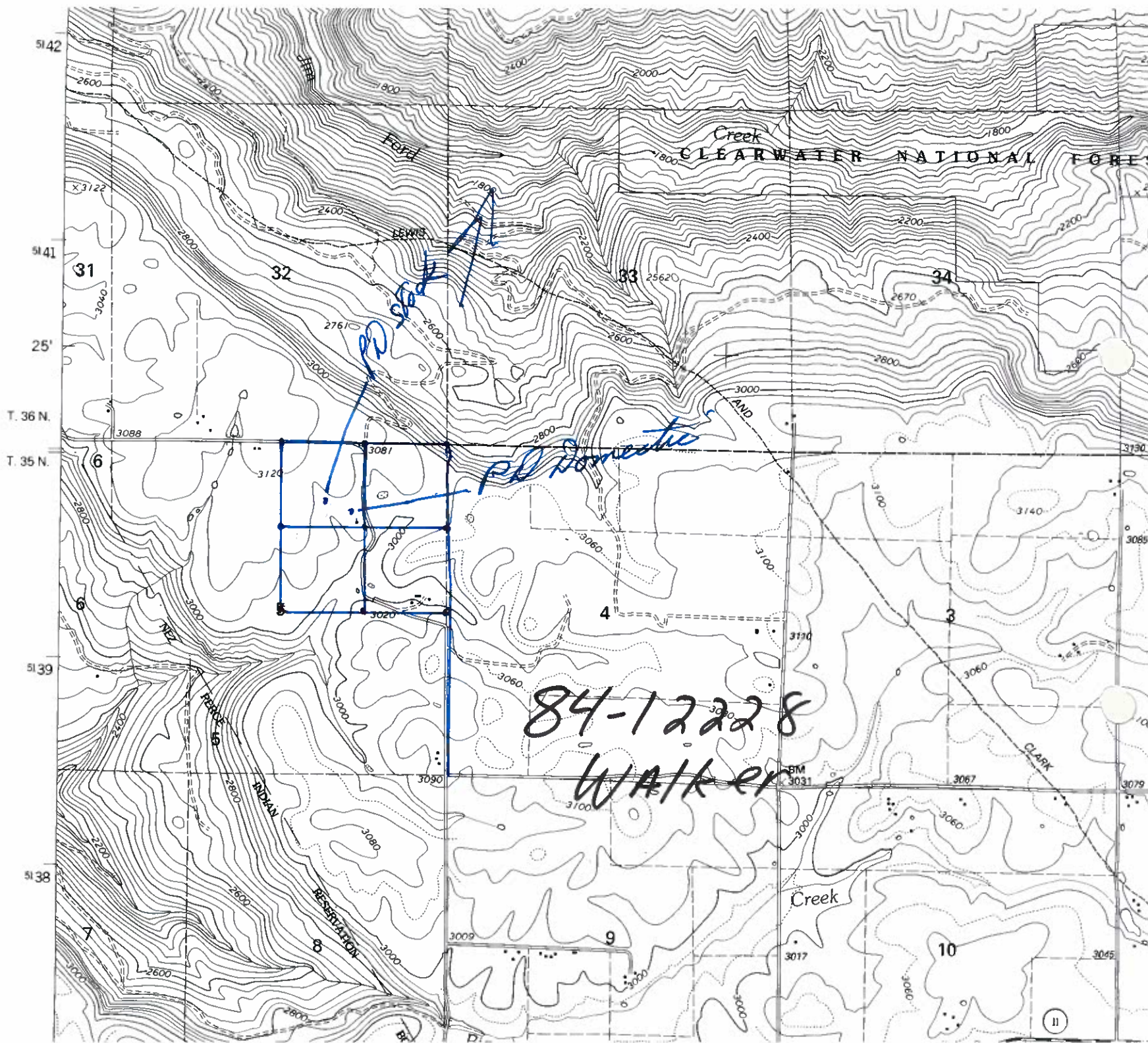
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

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

2. Measurements:





Stock
Cistern



Front Fence
for Stock



P.D. for Domestic
+
Inv.



P U
Domestic BDR

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Theoretical

$$\frac{8.8(.75)(.7)}{295 + (2.31 \times 30)} = \frac{4.62}{364.3} = .01 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2 \times 3 = 6$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .01 \times 245 \times 1.9835 = 4.8$$

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

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Domestic</i>	<i>01-01</i>	<i>12-31</i>	<i>.01</i>	<i>.6</i>
<i>Irrigation</i>	<i>03-15</i>	<i>11-15</i>	<i>.01</i>	<i>4.8</i>
<i>Totals from well =</i>			<i>.01</i>	<i>5.4</i>
<i>Stockwater from cistern</i>	<i>01-01</i>	<i>12-31</i>	<i>.01</i>	<i>.1</i>
Totals:				

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 Saldivar* Date *9-26-07*

Reviewer *[Signature]* Date *8/4/8*

SEAL