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FEB 17 2006

DEPARTMENT OF WATER RESOURCES

A. GENERAL INFORMATION

Permit No. 96-9140

1. Owner: J. Hank & Janet Hester Phone No. (208) 255-9673

Current Address: % Edwin B. Holmes, Attorney P.O. Box 909 Coeur D'Alene Id. 83816

2. Accompanied by: To Hank Hester EXAM DATE: 8-25-05

Address: _____ Phone No. _____

Relationship to Permit Holder:

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use:

2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

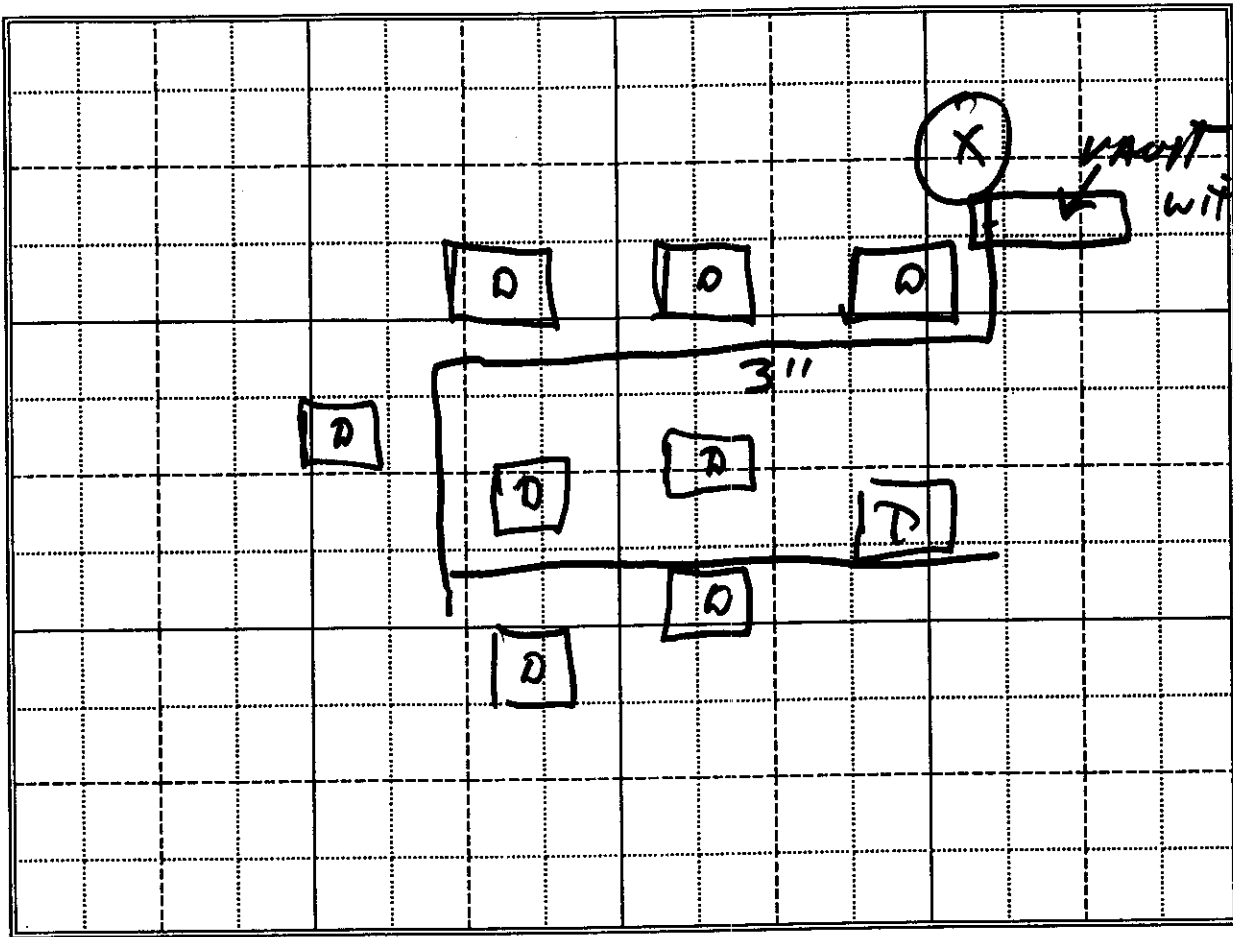
[illegible]

2. Place(s) of Use:

Indicate Method of Determination

[illegible]

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



with 2 17-acre tanks

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	7.5	2822019310	Sub	3"

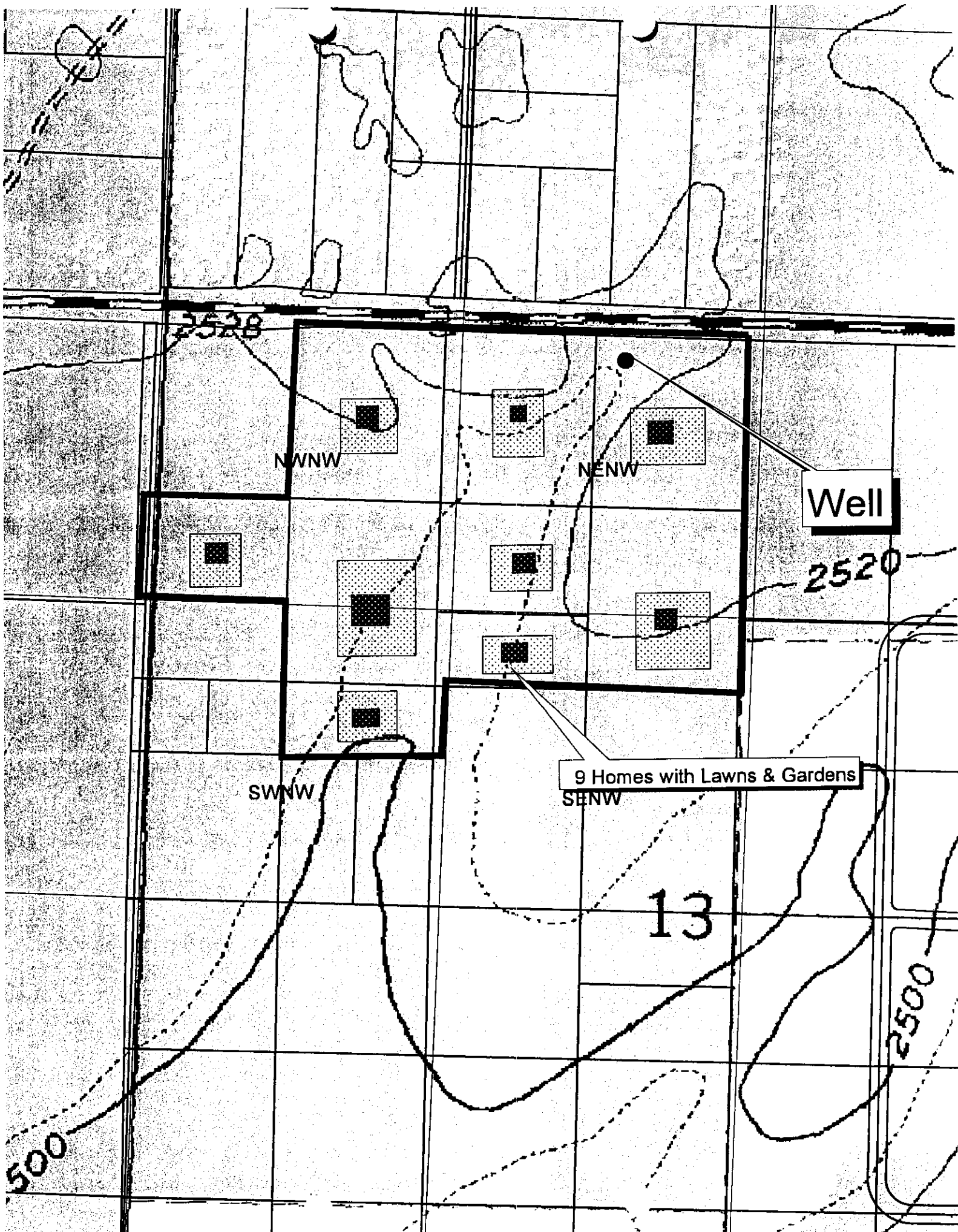
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____



2528

NWNW

NENW

Well

2520

SWNW

9 Homes with Lawns & Gardens
SENW

13

500

2500

96-9140



pu



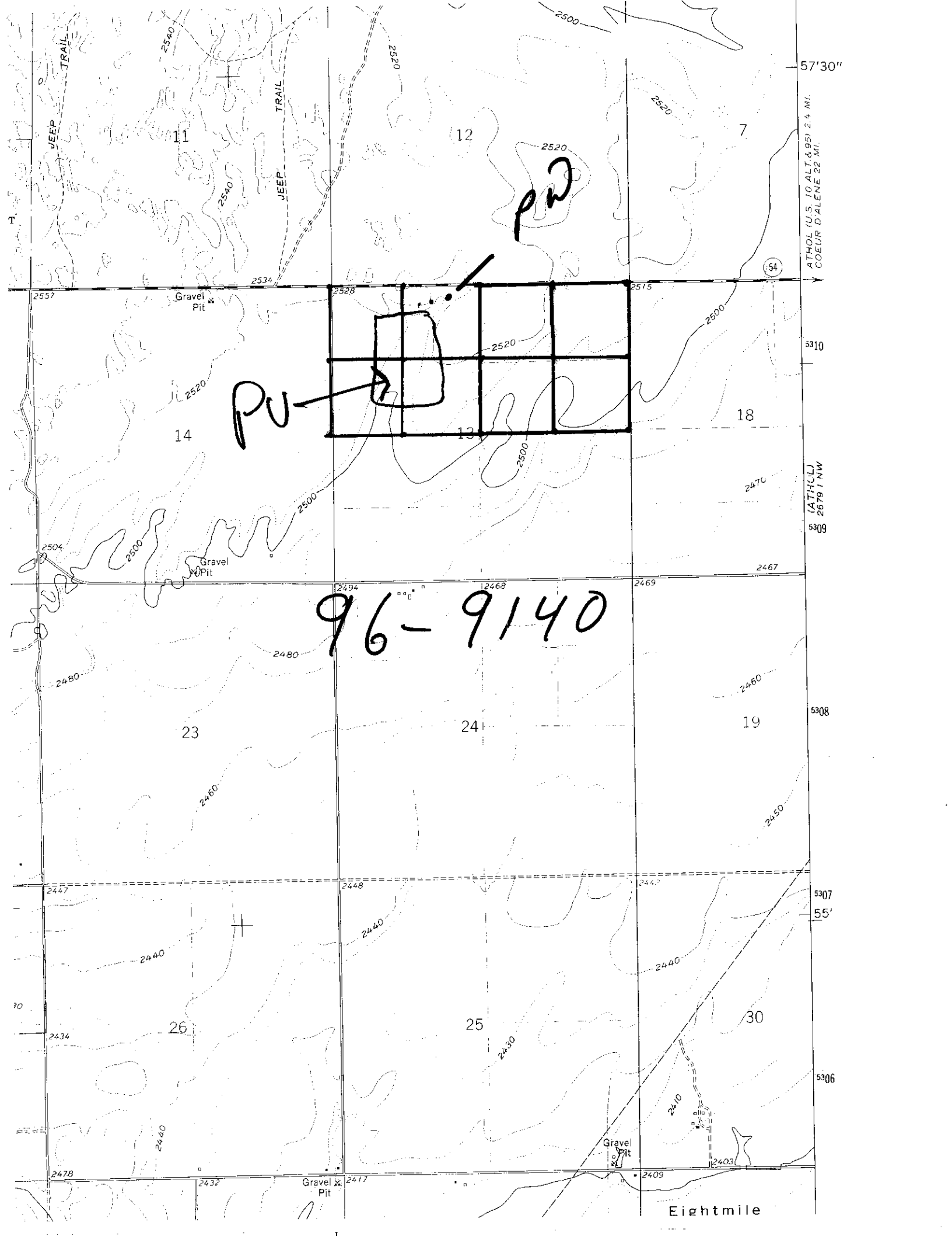
Vault



pu



pu



E. NARRATIVE/REMARKS/COMMENTS

Currently 3 homes are being
served but all lots are plumbed.

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Theoretical

$$\frac{8.8(7.5)(.7)}{500 + (2.31 \times 30)} = \frac{46.2}{569.3} = .08 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.5 \times 3 = 13.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .08 \times 245 \times 1.9835 = 38.8$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 13.5$$

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>.08</i>	<i>5.4</i>
<i>Irrigation</i>	<i>03-15</i>	<i>11-15</i>	<i>.08</i>	<i>13.5</i>
Totals:			<i>.08</i>	<i>18.9</i>

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 Baldwin* Date *9-27-05*

Reviewer *Bertie Franklin* Date *1/31/06*

SEAL