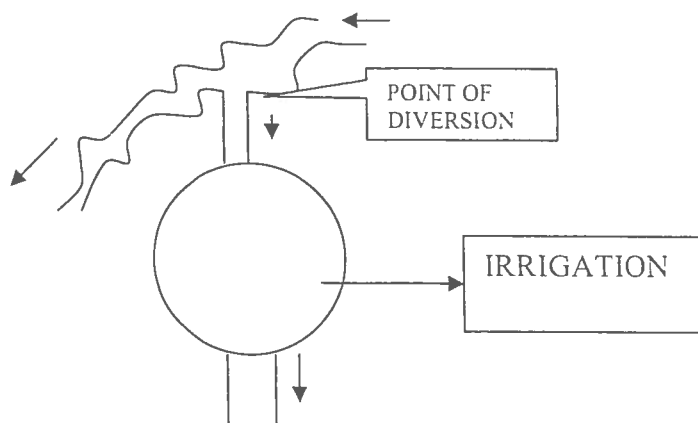


92-10998

POND DATA FORM



1. _____ csf Diversion to Storage
2. _____ AF Irrigation from Storage (Annual Volume) = 3 AF x Irrigation acres
3. _____ AF Irrigation Storage
 - a. 0.1 AF, Annual Volume
 - b. 0.0 AF, Evaporation (data from spread sheet)
 - c. 0 AF, Seepage (data from spread sheet)
 - d. 0.10 AF, Pond Size 25' W 15' L 8' D One time Fill
4. _____ cfs Irrigation = Diversion Rate per acre x _____ acres to be Irrigated
5. _____ AF Recreation Storage = AF Evaporation + AF Seepage + AF Pond size
6. 0.10 AF Wildlife Storage = ^{b.} AF Evaporation + ^{c.} AF Seepage + ^{d.} AF Pond size
7. _____ csf Stockwater (is determined by # of Stock)
8. _____ AF Stockwater form Storage =
 - a. Annual Volume 12 gpd x _____ # of Stock x 365 dpy / 325,850
9. _____ AF Stockwater Storage =
 - a. _____ AF Annual Volume 12 gpd x _____ # of Stock x 365 dpy / 325,850
 - b. _____ AF Evaporation + Seepage
 - c. _____ AF Pond Size

Claim No. 92-10778

NOTES/SUGGESTED VALUES

RESULTS

SURFACE AREA (SQFT) ----- 375

AVERAGE DEPTH (FT) ----- 8.00

TOTAL AF FOR THIS WATER RIGHT		30 AF
IRRIGATION	N/A	30 AF
SEEPAGE AF		0.0 AF
EVAPORATION (GPY per year)		0.0 APPY
POND SIZE		0.1 AF
CAPACITY		3000 CUFT
		22440 G

FILL OR REFILL RATE (CFS) ----- 0.23

USE 0 IF FILLED NATURALLY FROM GW

CONVERT TO GPD -----

22440 GPD

REFERENCE EXAMPLE:
ESTIMATED NUMBER OF DAYS
TO FILL BASED ON PROVIDED
INPUTS -----

0.15 DAYS
4 HR

EVAPORATION (IN/DAY) ----- 0.1

IF UNKNOWN, USE REFERENCE ETpk80 FROM ABOVE

CONVERT TO GPD -----

23 GPD

EVAPORATION (GPY per year) ----- 8532.430125

0.026185147 APPY

0.017576331 APPY AT 245 DAY IN THE YEAR

SEEPAGE RATE (FT/DAY) ----- 0.01

SEEPAGE RATE (GPY per year) ----- 9985.8

SEEPAGE RATE (AF PER YEAR) ----- 0.030645389 AF

SUGGESTED VALUES FOR DIFFERENT SOIL TYPES:

CONVERT TO GPD -----

28 GPD

- 0 = NATURALLY FILLED FROM GW, OR LINED
- 0.5 = CLAY SOILS
- 1.5 = LOAMS
- 3.0 = GRAVELS