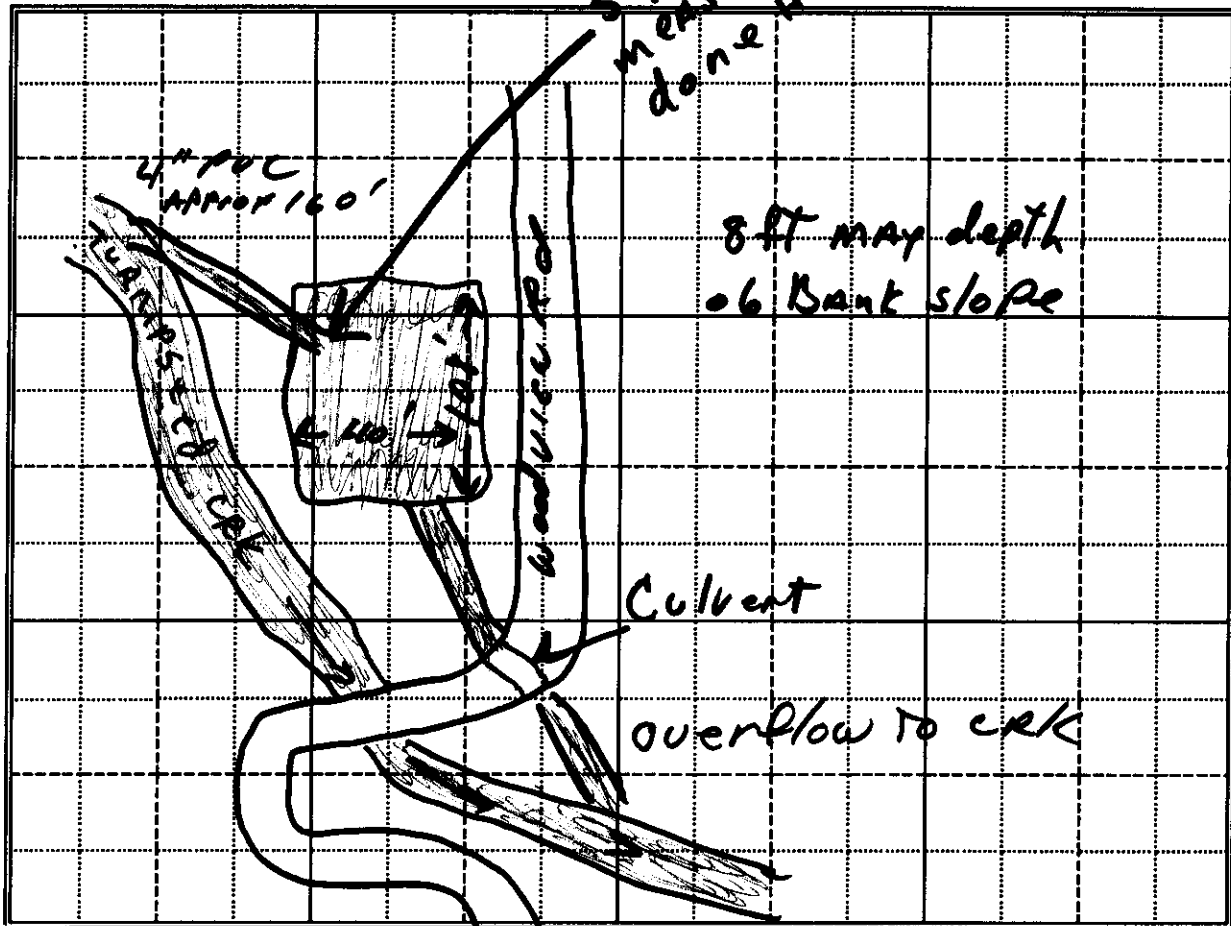


[illegible]

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

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

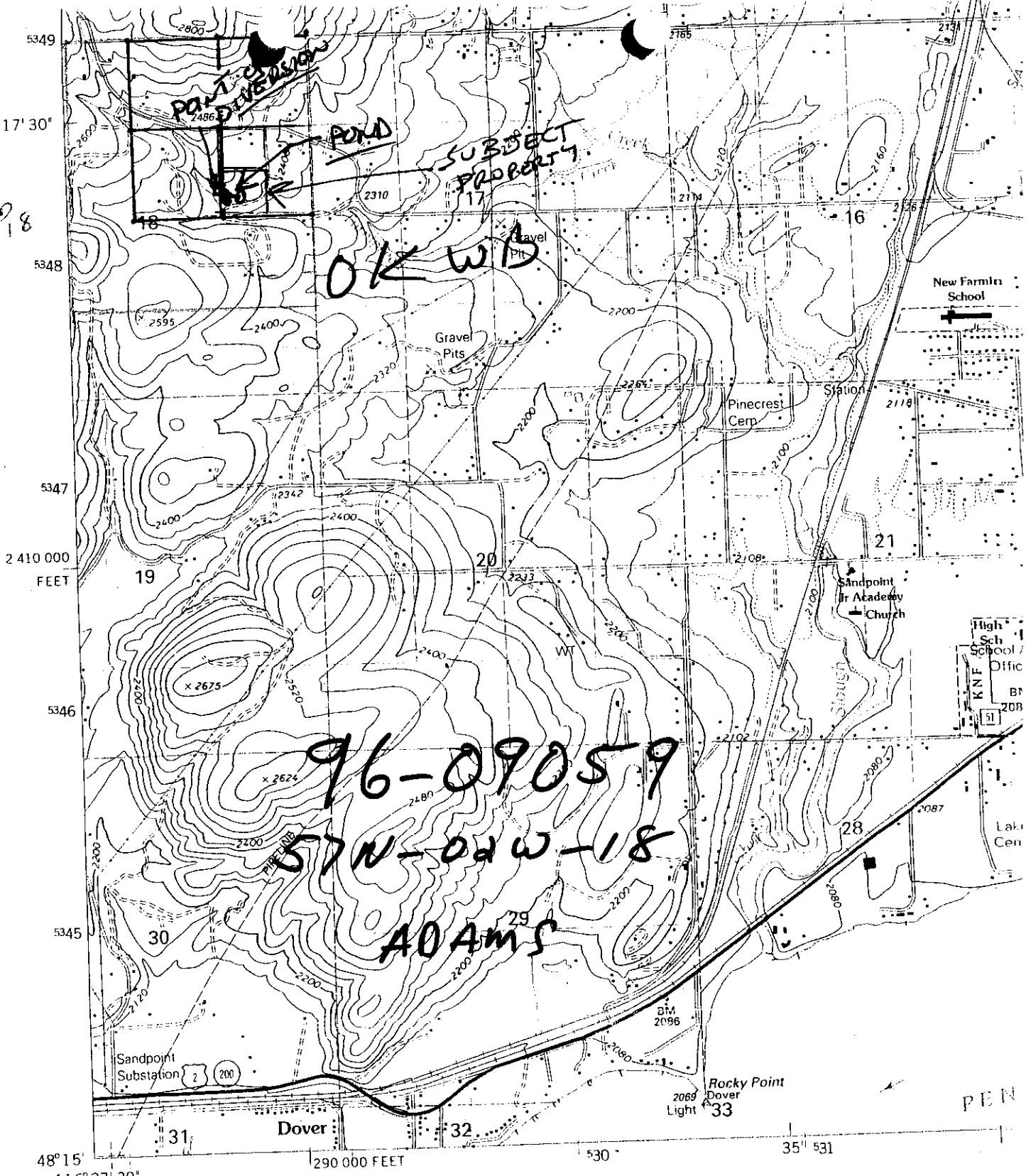
D. FLOW MEASUREMENTS

1.

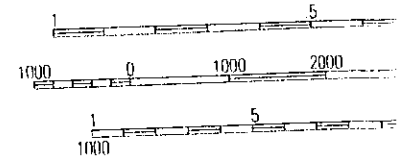
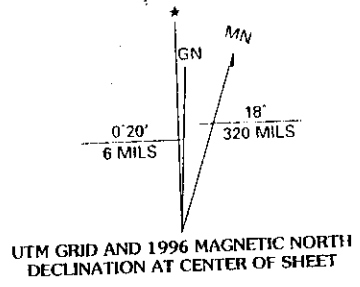
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

SEE
ENLARGED
SECTION 18
MAP.



United States Geological Survey 1968
 DA Forest Service 1996
 and 1966. Planimetry derived from imagery taken 1992
 System and survey control current as of 1996
 datum of 1927 (NAD 27). Projection and 10 000-foot ticks:
 datum, west zone (transverse Mercator)
 Universal Transverse Mercator ticks, zone 11
 datum of 1983 (NAD 83) is shown by dashed corner ticks
 shift between NAD 27 and NAD 83 for 7.5-minute
 obtainable from National Geodetic Survey NADCON software
 Forest System lands within the National Forest
 may exist in other National or State reservations
 legal land line or ownership document. Public lands are
 and leasing, and may have access restrictions; check
 Obtain permission before entering private lands



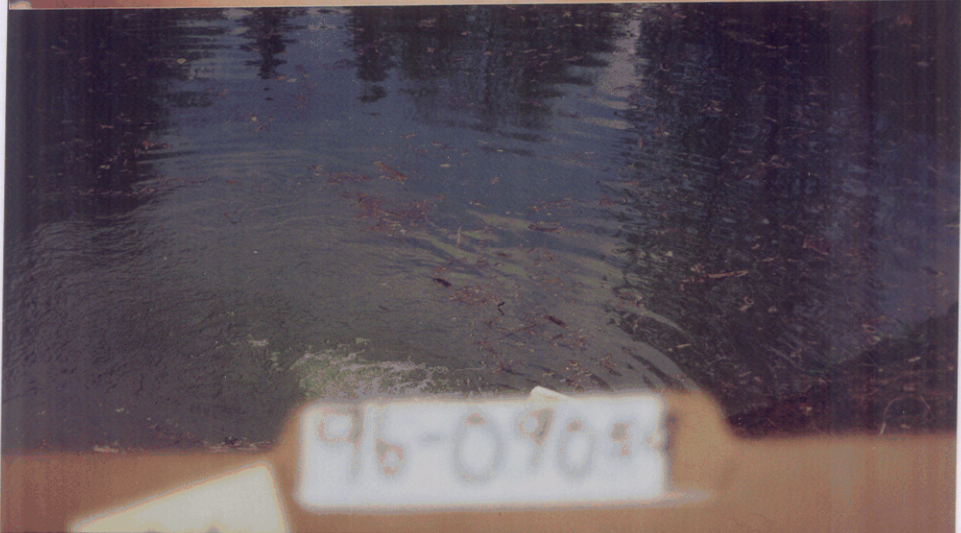
SUPP
 NATIC
 TO CON

THIS MAP COM

pd



Inflow



outflow



96-09059
(Adams)

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket
5 gal in 6.6 sec = 45 gpm
$$\frac{45 \times 1.33681}{60} = .1 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses: Pond

$$\frac{108' \times 40' \times 8' \times 0.6 \text{ slope}}{43560} = .476 \text{ or } .5 \text{ AF}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Recreational Stor.	01-01	12-31		.5 AF
Diversion to Storage	01-01	12-31	.10 cfs	
Totals:			.10	.5

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 6-22-05

Reviewer Kent L. Franklin Date 1/31/06

SEAL

E. NARRATIVE/REMARKS/COMMENTS

With myself holding 5 gal bucket
+ Mr. Adams working stop watch 5 gal
bucket measurement done where diversion
pipe enters pond.

Pond level was low at time of exam
Mr. Adams had shut off the diversion +
dropped level so I could do measurement
my pond area measurements were to the
high water marks.

Have conditions of permit approval been met? Yes ___ no