

Permit No. 47-07458

3. Source: DEEP CREEK tributary to SNAKE RIVER

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

**1. Point(s) of Diversion:**

[illegible]

Indicate Method of Determination **SAME**

[illegible]

[illegible]

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 |
|---------------------------------------|------------|----|------------------|-----------|-----------------------------------|
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |

#### D. FLOW MEASUREMENTS

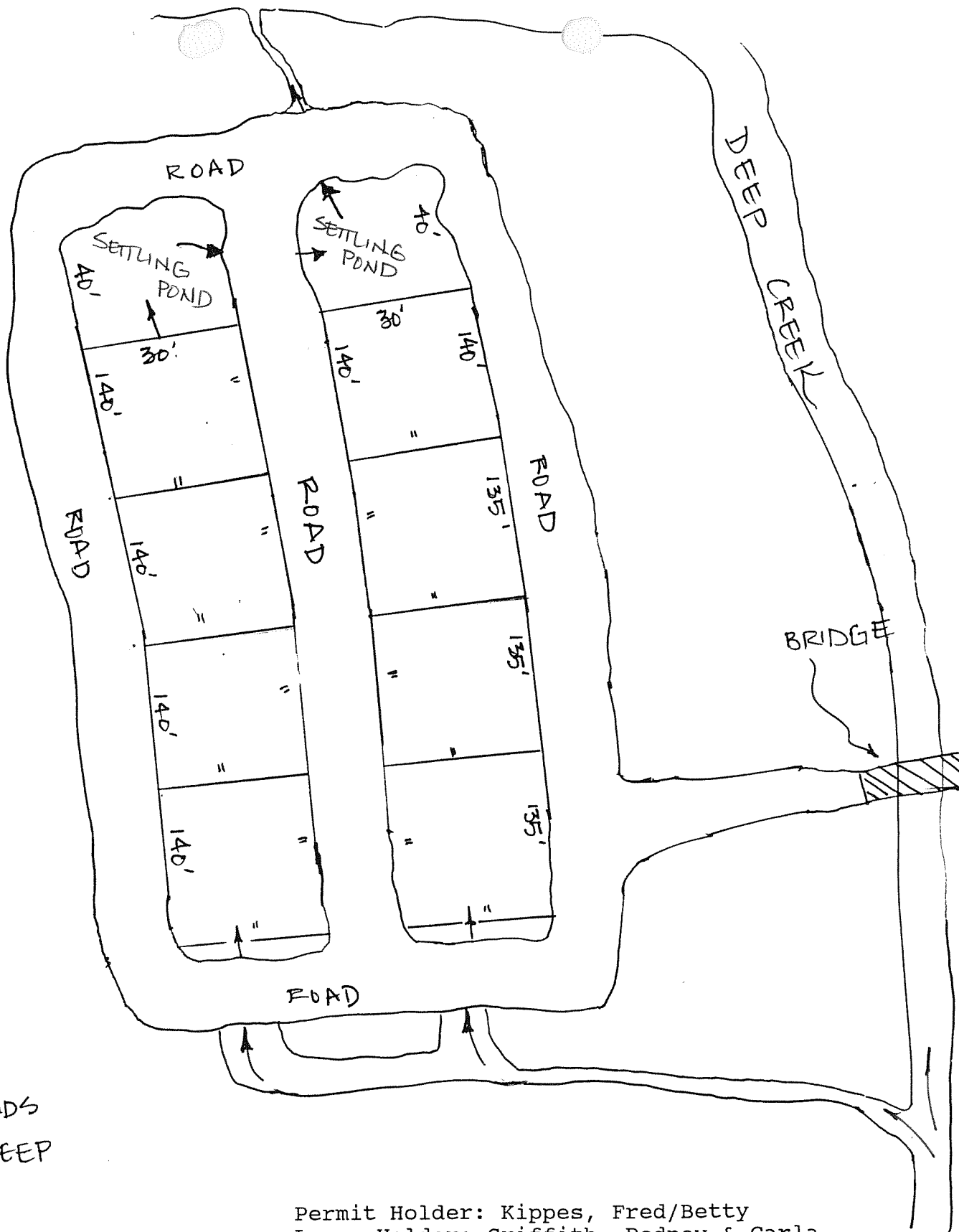
1.

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

## 2. Measurements:

2. Measurements: STAFF GAGE & RECTANGULAR WEIRS @ OUTLET

NTS



Permit Holder: Kippes, Fred/Betty  
Lease Holder: Griffith, Rodney & Carla  
1100 hrs. 11 December 1997  
Examiner: G.Satterlee  
47-07458

Forumula Used:  $Q=3.33(L - 0.2H)H^{\frac{3}{2}}$

WEST SIDE

4 Standard Contracted  
Rectangular Weirs

$$Q=3.33(4.9-0.2\{0.32\})0.32^{\frac{3}{2}} \\ =2.91 \text{ cfs}$$

$$Q=3.33(4.9-0.2\{0.38\})0.38^{\frac{3}{2}} \\ =3.76 \text{ cfs}$$

$$Q=3.33(4.9-0.2\{0.36\})0.36^{\frac{3}{2}} \\ =3.47 \text{ cfs}$$

$$Q=3.33(4.9-0.2\{0.38\})0.38^{\frac{3}{2}} \\ =3.76 \text{ cfs}$$

$$=13.9 \text{ cfs}$$

EAST SIDE

4 Standard Contracted  
Rectangular Weirs

$$Q=3.33(4.8-0.2\{0.42\})0.42^{\frac{3}{2}} \\ =4.27 \text{ cfs}$$

$$Q=3.33(4.8-0.2\{0.36\})0.36^{\frac{3}{2}} \\ =3.40 \text{ cfs}$$

$$Q=3.33(4.8-0.2\{0.42\})0.42^{\frac{3}{2}} \\ =4.27 \text{ cfs}$$

$$Q=3.33(4.8-0.2\{0.40\})0.40^{\frac{3}{2}} \\ =3.98 \text{ cfs}$$

$$=15.9 \text{ cfs}$$

**TOTAL 29.8 CFS**

POND SIZES/WEST & EAST

$$2(135')(30')4'=32,400$$

$$2(135')(30')4'=32,400$$

$$2(135')(30')4'=32,400$$

$$2(140')(30')4'=33,600$$

$$2(40')(30')4' = \underline{9,600}$$

**TOTAL 140,400 cu. ft.**

Permit Holder: Kippes, Fred and Betty  
Lease Holder: Griffith, Rodney  
1100 hrs. 11 December 1997  
Examiner: G.Satterlee

47-07458

## E. NARRATIVE/REMARKS/COMMENTS

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### E. NARRATIVE/REMARKS/COMMENTS

FROM: Georgia Satterlee  
DATE: 19 December 1997  
RE: 47-07458

On 11 December 1997 at 0930 hrs., I met with Rodney Griffith to perform a field examination on the permit. The permit is for fish propagation. The water source is from Deep Creek.

The permit is in the name of Fred F. and Betty Kippes. Mr. Griffith has "owned" and operated the fish ponds for approximately 10 years. There appears to be some litigation that needs to be concluded prior to Mr. Griffith getting the deed for the property. According to Mr. Griffith, the legal issues will resolved in a year.

The point of diversion and place of use are located in the "lower site" of SW $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 8, T10S, R14E. Water is diverted from Deep Creek and runs into dirt ponds. The dirt ponds have concrete structures. The year round propagation use is for raising trout.

Although the permit was amended in 1988 to add the "upper site" in Section 17 NW $\frac{1}{4}$ NE $\frac{1}{4}$  and Section 8 SW $\frac{1}{4}$ SE $\frac{1}{4}$ , T10S, R14E, this place of use was never developed.

According to Mr. Griffith, he is working on getting a stationary measuring device. He will contact me in February 1998 when the device is in.

The rate was measured by using a staff gage and determining the width of the dam board key ways. All measurements and volume calculations are on the attached sheets.

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

## F. FLOW CALCULATIONS

Measured Method:

✓        Additional Computation Sheets Attached

PLEASE SEE ATTACHED SHEETS  
W/ MEASUREMENTS AND VOLUMES

## 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:

PERMIT RATE 40.0 cfs  
EXAM FEE LIMIT UNDER 100.0 CFS  
MEASURED RATE 29.8 cfs  
or 30 cfs

## H. RECOMMENDATIONS

### 1. Recommended Amounts

| Beneficial Use   | Period of Use |       | Rate of Diversion<br>Q (cfs) | Pond Volume<br>Cubic Feet           |
|------------------|---------------|-------|------------------------------|-------------------------------------|
|                  | From          | To    |                              | <del>Annual Volume</del><br>V (afa) |
| FISH PROPAGATION | 1/1           | 12/31 | 30 cfs                       | 140,000 cu.ft.                      |
| _____            | _____         | _____ | _____                        | _____                               |
| _____            | _____         | _____ | _____                        | _____                               |
| _____            | _____         | _____ | _____                        | _____                               |
| _____            | _____         | _____ | _____                        | _____                               |
| Totals:          |               |       | 30 cfs                       | 140,000                             |

### 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 Benjamin Sutterlee Date \_\_\_\_\_

Reviewer \_\_\_\_\_ Date \_\_\_\_\_

SEAL

1/2



Mr. Griffith says a staff gage will be installed on weir.



flows into west pond

flows into east pond

Photos looking W'ly

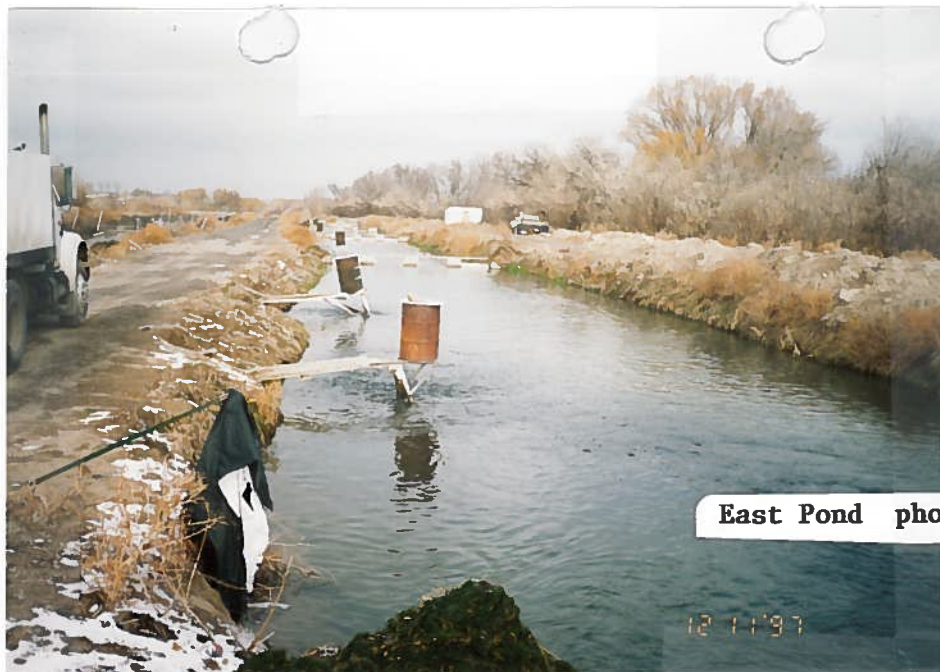
Channel from Deep Creek



West Pond photo looking N.

Kippes, Fred &/or Betty  
Griffith, Rodney  
11 Dec 1997 1100 hrs.  
Examiner: Satterlee  
47-07458

2/2



East Pond photo looking N.

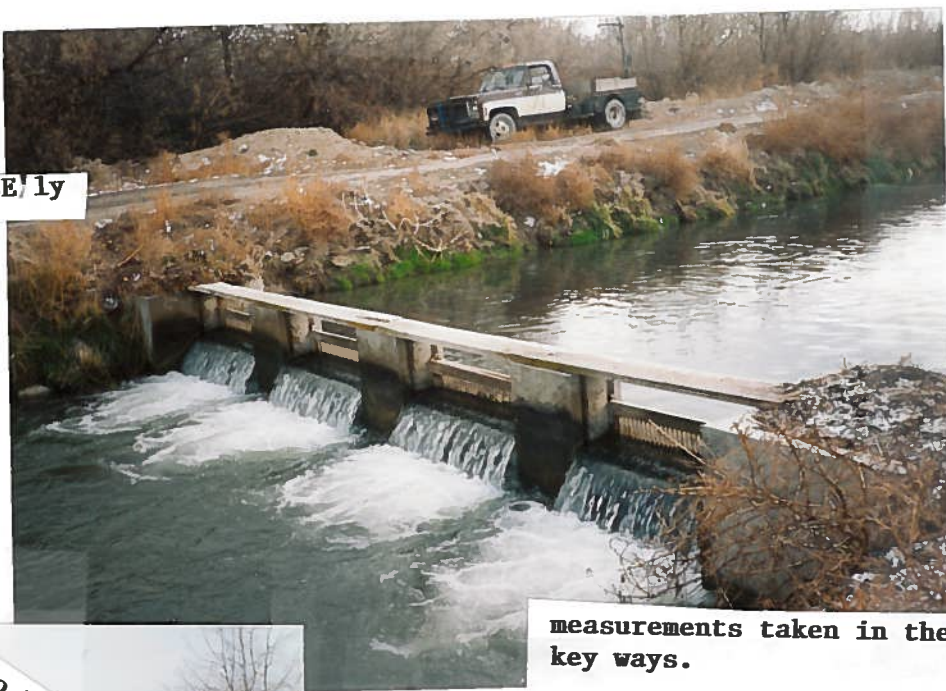


Photo looking SE'ly

Flows out back to Deep Creek

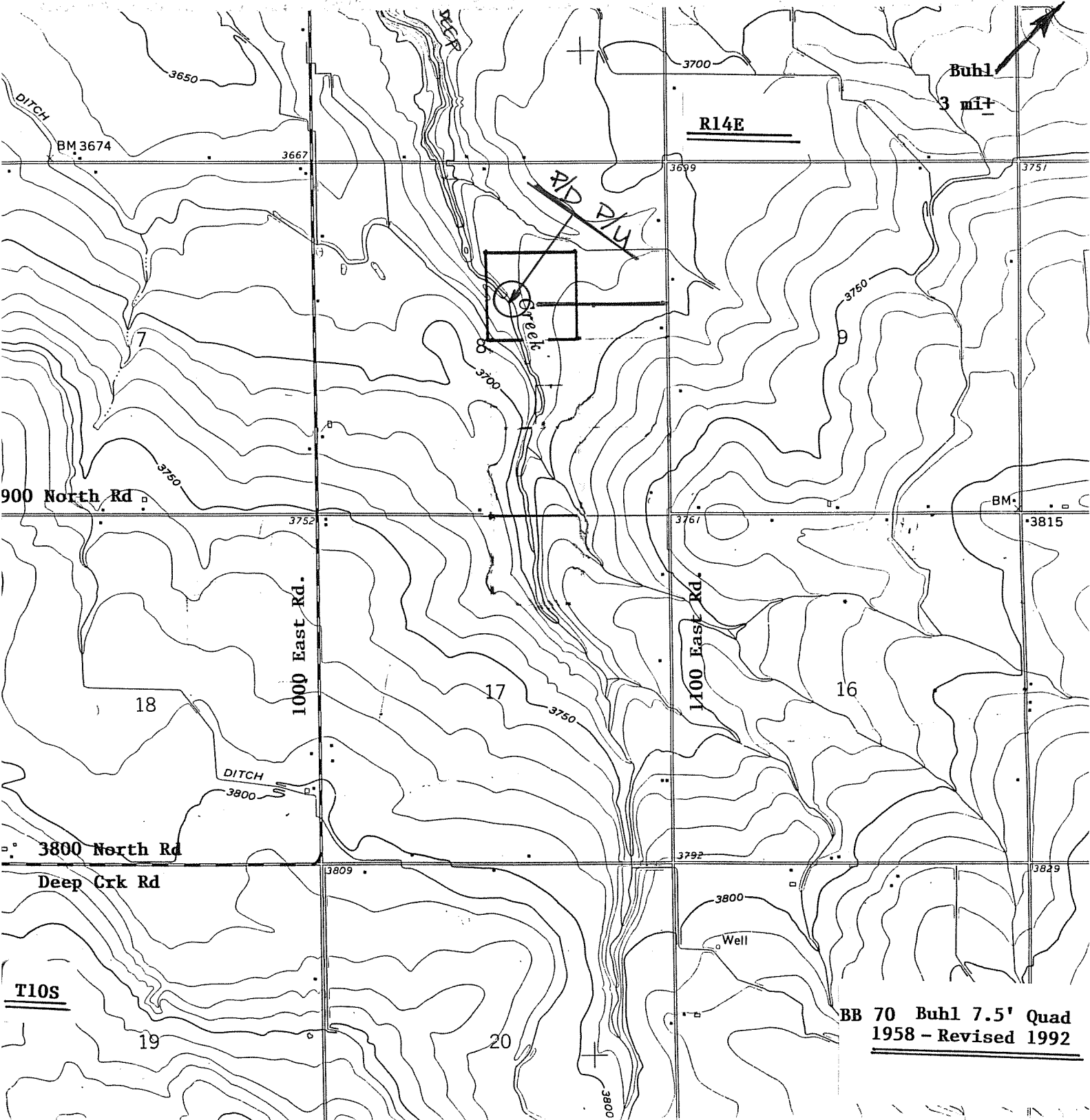
measurements taken in the key ways.



Settling Pond, East Side

Photo looking NW'ly

Kippes Fred &/or Betty  
Griffith, Rodney  
11 Dec 1997 1100 hrs.  
Examiner: Satterlee  
47-07458



**R14E**

**Buhl**

**3 mi**

**900 North Rd**

**1000 East Rd.**

**1100 East Rd.**

**3800 North Rd**

**Deep Crk Rd**

**T10S**

**BB 70 Buhl 7.5' Quad  
1958 - Revised 1992**