



1. FLANIGAN DITCH (ZION N.P. MULTIPLE
2. WASHINGTON CO., UTAH RESOURCES)
3. S. KARDAS
4. 23 MARCH 1997
5. NEC. @ ZION N.P.
6. VIEW FROM WEST BANK OF VIRGIN RIVER TOWARD PA'RUS TRAIL BRIDGE IMMEDIATELY DOWNSTREAM FROM DITCH HEADWATER. OUTFLOW FROM SEDIMENT BASIN IS OUT OF PICTURE, TO RIGHT.

LOOKING NORTHEAST.

7. 1997 B+W ROLL 2, EXP. 8



1. FLANIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH. RESOURCES
3. S. KARDAS
4. 23 MARCH 1997
5. NEG. @ ZION N.P.
6. VIEW DOWNSTREAM FROM PAROS TRAIL BRIDGE SHOWN IN EXP. 8. FOREGROUND IS RIVER BANK RECONFIGURED IN 1988 FOR INSTALLATION OF SEDIMENT OUTFLOW. DITCH IS VISIBLE BEYOND DISTURBANCE.

LOOKING SOUTH BY ~~SOUTHWEST~~

7. 1997 B+W ROLL 2, EXP. 10



1. ? LANIGAN DITCH
(ZION N.P. MULTIPLE RESOURCES)

2. WASHINGTON CO., UTAH

3. S. KARDAS

4. 16 MARCH 1997

5. NEG. @ ZION N.P.

6. OUTFLOW (18 IN. DIAM) FROM DITCH, SUPPORTED ON DRY-LAID FIELDSTONE WALL (4 FT. HIGH & 6 FT. WIDE). NEAR ENTRY ROAD TO WATCHMAN CAMPGROUND. DITCH RUNS FROM L. TO R. ACROSS PHOTO.

LOOKING SOUTHEAST

7. 1997 B&W ROLL 1, EXP. 1a



1. FLANKINGAN DITCH (ZION N.P. MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH.
3. S. KARDAS
4. 16 MARCH 1997
5. NEG. @ ZION N.P.
6. DITCH AS IT LEAVES THREE-WAY DIVERSION BOX ON EAST SIDE OF WATCHMAN CAMPGROUND (PHOTO CONNECTS WITH EXPOSURE 8a) LOOKING SOUTHWEST BY SOUTH
7. 1997 B+W ROLL 1, EXP. 7a



1. FLANIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH
3. S. KARDAS
4. 16 MARCH 1997
5. NEG. @ ZION N.P.
6. DITCH (NORMAL DIMENSIONS, BELOW WASH) AS IT NEARS OUTFALL TO VIRGIN RIVER (IN BACKGROUND) AT EXTREME SOUTH END OF WATCHMAN CAMPGROUND.

LOOKING SOUTHWEST

7. 1997 B+W ROLL 1, EXP. 10a



1. FLANIGAN DITCH (ZION N.P., MULTIPLE
2. WASHINGTON CO., UTAH RESOURCES)

3. S. KARDAS

4. 16 MARCH 1997

5. NEG. @ ZION N.P.

6. DITCH ENTERS THREE-WAY DIVERSION BOX
FROM RIGHT, AND FLOWS OUT TO LEFT.

TWO LATERALS (ONE CLOSED, ONE OPEN) IN
FRONT OF CAMERA IRRIGATE TREES IN
BACKGROUND (EAST SIDE OF WATCHMAN
CAMPGROUND). PHOTO CONNECTS WITH
EXPOSURE 7a)

7. LOOKING SOUTHWEST BY WEST
2. 1997 B+W ROLL 1, EXP. 8a



1. FLANNIGAN DITCH (ZION N.P. MULTIPLE
RESOURCES)

2. WASHINGTON CO., UTAH

3. S. KARDAS

4. 16 MARCH 1997

5. NEG. @ ZION N.P.

6. DITCH NEAR SOUTH END OF WATCHMAN
CAMPGROUND, WHERE A WASH FROM
THE HILLSIDE HAS ENLARGED THE
BED FOR ABOUT 300 FT.

LOOKING SOUTHWEST

7. 1997 B+W ROLL 1, EXP. 9a



1. FLANIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH
3. S. KARDAS
4. 12 MARCH 1997
5. NEG. @ ZION N.P.
6. VIEW FROM WEST BANK OF NORTH BRANCH OF VIRGIN RIVER (FLOWING LEFT TO RIGHT) AT DAM FOR DIVERSION POINT OF FLANIGAN DITCH. CONCRETE HEADWALL (1956) HAS INLET PIPE BELOW WATER SURFACE.
LOOKING EAST.
7. ~~PPN~~ BTW ROLL 1, EXP. 20a



1. FLANIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)

2. WASHINGTON CO., UTAH

3. S. KARDAS

4. 23 MARCH 1997

5. NEG. @ ZION N.P.

6. CONCRETE STRUCTURE (BUILT IN 1956)
THAT DIVIDED SPRINGDALE CONSOLIDATED
IRRIGATION CO. WATER (TO RIGHT) AND
FLANIGAN DITCH CO. WATER (TO LEFT).
THIS IS IMMEDIATELY SOUTH OF NPS
WATCHMAN STAFF HOUSING.

LOOKING SOUTHWEST

2. 1997 BHW ROLL 2, EXP. 4



1. FLANIGAN DITCH (ZION N.P. MULTIPLE
RESOURCES)

2. WASHINGTON CO., UTAH

3. S. KARDAS

4. 23 MARCH 1997

5. NEG. @ ZION N.P.

6. FLUME CARRYING DITCH OVER A
WASH SOUTH OF NPS WATCHMAN
STAFF HOUSING.

LOOKING NORTHWEST

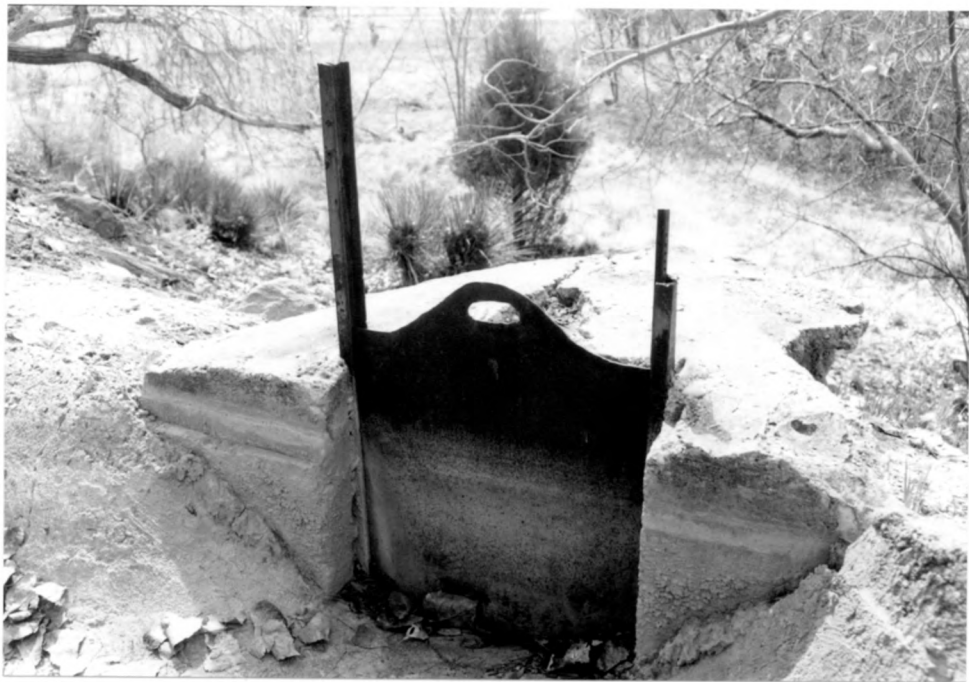
7. 1997 BTW ROLL 2, EXP. 2



1. FLANIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH
3. S. KARDAS
4. 17 MARCH 1997
5. NEG. @ ZION N.P.
6. VIEW FROM THIRD FOOTBRIDGE SOUTH OF CANYON JUNCTION, ON PERUS TRAIL, LOOKING UPSTREAM ON NORTH BRANCH OF VIRGIN RIVER TOWARD WATERFALL OVER DAM AT DIVERSION POINT OF DITCH, METAL PLATES ON RIGHT COVER 1988 SEDIMENT BASIN. LOOKING NORTH BY NORTHEAST
7. 1997 BTW ROLL 1, EXP. 19a



1. FLANIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH.
3. S. KARDAS
4. 16 MARCH 1997
5. NEG. @ ZION N.P.
6. CONCRETE LINING (POST-1960) IN DITCH. AS IT CURVES AROUND HILLSIDE BY ENTRY ROAD TO WATCHMAN CAMPGROUND. TREES IN BACKGROUND ARE IRRIGATED BY MEANS OF FLANIGAN DITCH.
LOOKING SOUTH
7. 1997 B+G ROLL 1, EXP. 2A



1. FLANIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)

2. WASHINGTON CO., UTAH

3. S. KARDAS

4. 16 MARCH 1997

5. NEG. @ ZION N.P.

6. CUT IRON (ABOUT 18 BY 18 INCHES)
LIFT-GATE FOR LATERAL DITCH THAT
IRRIGATES WATCHMAN CAMPGROUND
(CONCRETE & IRON POST 1960)

LOOKING SOUTHWEST

7. 1997 B+W ROLL 1, EXP. 5a



1. FLANGGAN DITCH (ZION N.P.
MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH
3. S. KARDAS
4. 16 MARCH 1997
5. NEG. @ ZION N.P.
6. SHORT SECTION OF PLASTIC
PIPE IN DITCH AS IT CURVES
AROUND HILLSIDE NEAR
ENTRY ROAD TO WATCHMAN
CAMPGROUND, MANY ~~WIDE~~
COTTONWOOD TREES
GROW ALONG DITCH.
LOOKING SOUTH
7. 1997 B+W ROLL 1, EXP. 3A



1. FLANIGAN DITCH (ZION N.P. MULTIPLE)
2. WASHINGTON CO., UTAH (RESOURCES)
3. S. KARDAS
4. 16 MARCH 1997
5. NEG. @ ZION N.P.
6. DITCH AS IT LEAVE HILLSIDE
AND RUNS ACROSS LEVEL OPEN
GROUND, TOWARD TREES IN
BACKGROUND.
LOOKING SOUTHWEST
7. 1997 B+W ROLL, EXP. 6a



1. FRANIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH
3. S. KARDAS
4. 23 MARCH 1997
5. NEG. @ ZION N.P.
6. BED OF DITCH AS IT APPROACHES ONE OF THE FOOTBRIDGES ON THE PARUS TRAIL (VISIBLE AT TOP)

LOOKING NORTH BY NORTHEAST
9. 1997 BTW ROLL 2, EXP. 7



1. FLAMIGAN DITCH (ZION N.P. MULTIPLE RESOURCES)
2. WASHINGTON CO., UTAH
3. S. KARDAS
4. 23 MARCH 1997
5. NEG. @ ZION N.P.
6. BED OF DITCH AS IT APPROACHES
MPS WATCHMAN STAFF HOUSING.
THIS PORTION HAS NOT CARRIED
WATER SINCE 1988. CULVERT
PASSED UNDER APPROACH ROAD,
LOOKING NORTH BY NORTHEAST
7. 1997 B+W Roll 2 EXP. 5